



Asia-Pacific
Economic Cooperation

Advancing Free Trade
for Asia-Pacific Prosperity

APEC Senior Officials' Report on

Economic and Technical Cooperation 2016





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Economic Cooperation**

2016 Senior Officials' Report on Economic and Technical Cooperation

**SOM Steering Committee on Economic and Technical
Cooperation**

November 2016

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Letter from the SCE Chair

I am very pleased to submit the 2016 APEC Senior Officials' Report on Economic and Technical Cooperation.

The SOM Steering Committee on ECOTECH (SCE) and the SCE fora worked hard to discharge their mandates and live up to the goals set by this year's theme, "Quality Growth and Human Development", and the ECOTECH medium-term priorities.

In 2016, SCE made a number of decisions to strengthen its role to guide the fora. A new Fora Assessment system, which SCE decided to replace the current Independent Assessment, is a significant example. SCE played critical roles in promoting cross-fora collaboration and facilitating business at the fora-level by approving concrete recommendations and decisions. A following up on the APEC Capacity Building Policy has been another area of priority.

This Report also attempts to capture some highlights of the activities at the Working Group/Task Forces level. A number of projects funded by APEC and self-funded by each member were implemented. The outcome of all the meetings and the projects are recorded in the APEC's meeting documents and project databases.

Many of the SCE's business are on-going. Developing detailed program for the new Fora Assessment, follow-up on cross-fora collaboration, and the cooperation with the BMC to implement the APEC Capacity Building Policy, are among them.

In this regards, I look forward to working closely with the incoming SCE Chair to move forward with ECOTECH agenda.

Sincerely yours,



Quynh Mai Pham
Chair, SOM Steering Committee on ECOTECH

Executive Summary

In 2016, SOM Committee on Economic and Technical Cooperation (SCE) held three meetings in the margins of SOMs under the Chairmanship of Ms. Quynh Mai Pham, APEC senior official of Viet Nam. It organized the Eleventh Annual SCE-COW meeting and an informal Chairs and Lead Shepherds' meeting with the attendance of all seventeen SCE fora convenors and representatives. SCE also conducted its business through intersessional discussions and considerations.

SCE reviewed the current program of Independent Assessment with a view to strengthening its organizational focus and streamlining the procedures for efficiency and effectiveness. Intensive discussions were held throughout the two SCE meetings and during the intersessional periods. These helped the Chair of SCE present the first draft of the Decision for a new system in June 2016. The outcome of further discussions and comments, "Decisions by the SCE on Fora Assessment", was adopted at the third SCE meeting in August 2016. In accordance with the Decisions, SCE and the Secretariat will develop a standardized program for assessment in 2017, which will be used for annual assessment from 2018. The new annual assessment will directly involve Senior Officials through a small team within SCE and include strengthened follow-up on the recommendations and an optional Comprehensive Review after a round of assessments on the SCE fora

SCE and the Secretariat have been facilitating cross-fora collaboration through SCE COW, Lead-Shepherds and Chairs' Meeting, cross-cutting maps and a paper to identify cross-cutting areas. SCE continued its efforts to further promote cross-fora collaboration came to fruition when the third meeting of SCE decided to take concrete steps. The Secretariat's paper with specific recommendations went through intensive discussions and revisions. The approved recommendations include more efficient use of SCE COW, promotion of various IT facilities, request for considering premium for cross-fora projects and continued encouragement of cross-fora meetings and cross-participation. SCE and SOM also extended the mandate of Mainstreaming Ocean-related Issues Steering Council by two more years till 2018.

SCE has actively participated in implementing the APEC Capacity Building Policy adopted in 2015. SCE agreed to hold a Joint BMC-SCE meeting in the margins of SOM1 in 2017. SCE members also provided their inputs into the substantive discussions of BMC Small Working Group in the areas of project management and financing.

The SCE's agenda for 2016 was also full of many important fora administration issues. Review and approval of annual work plans and longer-term Strategic Plans, recommendation of the updated Terms of References of some SCE fora for SOM's final decision and implementation of independent assessments are critical roles of SCE to facilitate SCE fora's full functioning. SCE looks forward to more efficient planning and reporting by the fora through the revisions to the work plan and the report template this year.

Six members contributed to APEC Support Fund in 2016. A total of 54 APEC projects were approved for funding during Session 2 of 2015 and Session 1 of 2016. SCE fora also approved 88 self-funded projects in 2015 and 2016. These projects responded to all eight ECOTECH medium-term priorities.

The progress on various activities by SCE fora responding to each ECOTECH medium-term priority is summarized in Section 4. This summary is prepared based on SCE Fora Reports by each forum and other updates available.

Key achievements of the SCE fora for 2016 are listed in Section 5.

Recommendations

The following recommendations are proposed to the 2016 APEC Ministerial Meeting (AMM):

1. Endorse the 2016 Senior Officials' Report on Economic and Technical Cooperation;
2. Welcome the achievements of the Working Groups and Task Forces;
3. Welcome the Decisions by the SCE on Fora Assessment and the ongoing improvements that have been achieved through the 2016 Program of Independent Assessment of all SCE fora; and,
4. Welcome 2016 contributions to the APEC Support Fund from Australia, Canada, China, Japan, Russia and Chinese Taipei.

1. Introduction

In 1998, the SOM Sub-Committee on Economic and Technical Cooperation was established with the mandate to “assist SOM in improving the management and coordination of ECOTECH activities among APEC fora”. The Sub-Committee was later elevated to the SOM Committee on Economic and Technical Cooperation (ESC) in 2002. In 2006, as part of the APEC reform process, the ESC became the SOM Steering Committee on ECOTECH (SCE) with mandate to strengthen the prioritization and effective implementation of ECOTECH activities by various APEC fora. In 2009, SOM agreed to further strengthen SCE’s policy guidance role as recommended by SCE’s internal review. In 2014, SCE adopted capacity building guidelines to guide the capacity building activities in APEC. In an effort to forge more coordinated efforts on capacity building, SCE approved APEC Capacity Building Policy in 2015.

For 2016, SCE is chaired by Ms. Quynh Mai Pham, APEC senior official of Viet Nam. The Vice Chair of SCE is Mr. Raúl Salazar, APEC senior official from Peru.

The Committee met on three occasions during the year to:

- a. review the Independent Assessment program and introduce a new fora assessment system;
- b. follow up on the APEC Capacity Building Policy and give further inputs to the BMC Small Working Group process, which was launched to implement certain aspects of the Capacity Building Policy ;
- c. discuss and endorse specific recommendations to further promote the cross-fora collaboration; and
- d. facilitate fora’s activities by providing guidance on their Work Plans, Strategic Plans and Terms of References.

The annual SCE-COW meeting for 2016 was held in Lima, Peru 29 February 2016. It was attended by representatives of all 21 APEC economies and convenors or their representatives of all 17 SCE fora. It was preceded by an informal Meeting of Fora Chairs and Lead shepherds, which was chaired by the Executive Director of the APEC Secretariat. The SCE-COW meeting approved all the 17 work plans of Working Groups and Task Forces for 2016. The delegations and the convenors also exchanged their views on how to further promote cross-fora collaboration and requested the APEC Secretariat to offer suggestions in this regard. The SCE-COW Members’ were also updated on the progress made by the BMC SWG at its first meeting on 28 February 2016.

The first SCE meeting (SCE1) was held on the following day of the SCE-COW meeting. At the meeting, SCE reconfirmed its Terms of Reference and established its 2016 work plan, which includes a review of the independent assessment program. The first round of discussion on the current independent assessment showed Members’ willingness to refocus this exercise on broader organizational issues and requested the Secretariat to prepare a discussion paper on this. SCE also adopted a revised template for SCE Fora Report to make the reporting easier and, at the same time, clearer. The delegations also provided their inputs to the BMC SWG process. SCE approved the Strategic Plans of OFWG, PPWE and ACTWG. SCE recommended SOM to approve the revised Terms of References of MTF, SMEWG, HRDWG, ACTWG and ATCWG.

The second SCE meeting (SCE2) took place in Arequipa, Lima on 12 May. The SCE Members put forward their preliminary views on the issues of the current independent assessment program as

well as ideas on how to reform it. SCE decided to collect further specific inputs with a view to finalizing the decisions at its third meeting. SCE approved a revised Annual Work Plan template to align it with the revised Fora Report Template and to reduce unnecessary repetition in the old template. SCE noted a general agreement to hold a joint BMC-SCE meeting to follow up on the implementation issues of the APEC Capacity Building Policy. SCE reviewed the specific recommendations by the APEC Secretariat on cross-fora collaboration and decided to take up this issue again at the next SCE meeting. SCE approved the Strategic Plan of MTF and decided to recommend the revised Terms of References EPWG for SOM's approval.

The third meeting of SCE (SCE3) on 24 August 2016 in Lima, Peru made important decisions to replace the current system of independent system and take concrete steps to improve the cross-fora collaboration. The SCE members also decided to hold a joint BMC-SCE meeting in the margins of the first SOM in 2017. Many delegations tabled a number of suggestions on how to improve the project approval procedures, financing of the APEC projects and implementation aspect. SCE approved Strategic Plans of SMEWG, HWG, and ACTWG and recommended the approval of the revised Terms of References of MOI SC to extend its mandate by two more years. TFI's recommendations to strengthen its agenda were also endorsed. SCE endorsed the fora report of OFWG while noting that the other reports would be submitted intersessionally to facilitate more comprehensive reporting by fora.

This report also includes a summary of activities undertaken by SCE fora supporting the existing ECOTECH priorities based on the 2016 SCE Fora Report and other updates available. A brief overview on ECOTECH project funding has been also provided.

2. 2016 Highlights and Priorities

2.1 Review of Independent Assessment

a. Background of the current Independent Assessment

Since 2003, the SOM Committee on ECOTECH (ESC) helped some working groups to conduct independent assessments, which included Fisheries Working Group, SME Working Group, and Tourism Working Group.

In 2006, SCE was mandated to conduct a review of APEC working groups and task forces and to make recommendations to Senior Officials on establishing, merging, disbanding and reorienting these bodies. Ministers endorsed the recommendations of the SCE review of APEC Fora and instructed SCE to continue efforts to improve the operation and work of the fora (2006/CSOM/14). The Recommendation 12, “Recommendations for Improving Working Arrangements”, had requested the APEC Secretariat to develop a program of independent assessments to evaluate all SCE working groups and task forces and support periodic review processes. Responding to the request by the SCE on Recommendation 12, the APEC Secretariat submitted a paper with a list of actions to SCE2 of 2007 on 21 April 2007 (2007/SOM2/SCE/010). Annex D of this paper established the independent assessment program, which enabled each forum to be independently assessed every four years.

In 2011, Canada presented a review report on the independent assessment to SCE3. SCE agreed that the APEC Secretariat would develop an implementation plan for discussion for SCE1 in 2012. The APEC Secretariat presented a response on ways to improve the independent assessment processes (2012/SOM1/SCE/008). SCE endorsed the division of roles and responsibilities of the various stakeholders in the independent assessment process as proposed by the Secretariat. SCE also endorsed the recommendation that a key point of contact for assessors be assigned to help communicate the expectations of SCE to the assessor.

b. Current Independent Assessment

Currently, the APEC Secretariat proposes four fora to be subject to the assessment, normally at SCE3, which is based on the already established annual plan of Annex D of 2007/SOM2/SCE/010 and Annex D of 2012/SOM1/SCE/008. The latest list of the fora to be subject to independent assessment was submitted to SCE3 of 2015(2015/SOM3/SCE/002).

After SCE approves the proposed list of candidate fora, the SCE Chair writes to the fora convenors to notify such decision and request for cooperation. Independent assessors are selected through an open tendering process. The Secretariat recommends the preferred bidder to SCE for approval, unless there is any adverse comment or veto from the fora. After the approval, the Secretariat seeks to enter into a contract with the preferred bidder. The contracted consultant will then be required to report directly to and be responsive to the needs and directions of the SCE Program Director within the APEC Secretariat.

An independent assessment begins with the submission of a work plan by the consultant, followed by conduct of survey, observation of physical meeting of the fora, interview of the fora members and convenors, sharing a draft report with the fora members, revision of the draft report considering the comments by the fora members, submission of the report to SCE and the approval of the recommendations by SCE. The discussion and the approval of the recommendations can be done intersessionally in accordance with the agreed arrangements in 2013 (2013/SOM3/030). The

SCE Chair sends his/her letters to the convenors to inform the result of the assessment and, at the same time, to request for a report on the recommendations by the assessors during the next year.

c. Discussions and Decisions in 2016

The Chair of SCE proposed to review the Independent Assessment program at SCE1, which was accepted by the SCE Members and incorporated into the SCE's annual work plan. Many delegations shared the view that the fora assessment should be conducted to look at broader organizational perspectives and possible rationalization. Delegation also noted the lack of understanding of APEC found on certain assessors, follow-up issues of the recommendations and the inconsistency between the review of Terms of References of fora and their assessment schedules.

The APEC Secretariat presented a discussion paper (2016/SOM2/SCE/003) to SCE2, which covered a number of issues, including quality, focus, schedules across different review and monitoring processes, post-assessment measures and financial/administrative burden. Many SCE Members suggested various options for improvement, which includes : in-house assessments either by the Secretariat, a small group of SCE members or a broader set of APEC stakeholders; engagement of an outside consultant on a multi-year contract; review of the IA or development of indicators by an outside consultant; more follow-up through a small SCE group, annual fora report and justification requirement; and, targeting certain fora, based on needs or ToR reviews.

On 22 June 2016, the Chair of SCE circulated draft Decisions based on the discussions at two preceding SCE meetings as well as on the suggestions, which were collected inter-sessionally by 1 June 2016. Following two more rounds of commenting, the third meeting of SCE approved the Decisions on Fora Assessment as proposed by the Chair (2016/SOM3/SCE/011).

The main elements of the Decisions include :

- a. Development of a standardized program for assessments in 2017, which covers but is not limited to i) a set of indicators to assess the performance and governance of the fora; ii) a survey questionnaire template; iii) a possible scope of survey; iv) a list of useful information and data for the assessment; v) the methodology of processing such data; and vi) a reporting template ;
- b. The Annual Assessments from 2018 by an Assessment Team comprising the representatives from the preceding, current, and next year's SCE Chairing economies as well as any other volunteering economies with the assistance from the Secretariat based on the data and information produced through the standardized program for a group of SCE sub-fora pursuant to their ToRs and the decisions by SCE ;
- c. Further follow-up by the Assessment Team on the recommendations ; and
- d. An optional Comprehensive Fora Review after a full cycle of assessment on all the fora.

This new Fora Assessment system is expected to bring more consistency through a standard annual program and more organizational view through engagement of the Assessment Team as well as an optional overhaul assessment. Engaging outside service providers on a multi-year contract to process data and consolidate relevant information may address the concerns over additional administrative and financial burden from this new system.

d. Next Steps

The APEC Secretariat will procure a consultancy, which will have to be approved by SCE intersessionally. Under the guidance of SCE and the Secretariat, this consultancy service will be asked to propose a new standardized system to SCE, by the last meeting of SCE in 2017. The SCE sub-fora will be also consulted during the development of the system.

Following the development of the standardized program, SCE will select and conduct assessment on the target fora for annual assessment from 2018. The SCE may decide to conduct a comprehensive fora review following the completion of a round of Annual Assessments on all the fora, focusing on the overall organizational efficiency.

2.2 Cross-fora collaboration

a. Recommendations to Improve Cross-Fora Collaboration

SCE had been discussing how to further promote cross-fora collaboration for the last couple of years. At SCE2 of 2015, the SCE Members put forward a number of suggestions, ranging from giving premium to cross-fora project proposals in the approval process to encouraging cross-referencing in Strategic Plans. The delegations continued to share more concrete steps to improve the overall coordination across the fora at the SCE-COW meeting of 2016.

In response to the request from SCE-COW, the APEC Secretariat submitted a paper at SCE2 (2016/SOM2/SCE/004), which discussed various ideas suggested by the SCE members and made specific recommendations.

The Secretariat collected further suggestions on the proposed recommendations during the intersessional period following SCE2 and presented a paper with revised recommendations (2016/SOM3/SCE/002), which SCE3 approved.

The approved recommendations are to :

- a. Use the annual SCE COW for off-line conversations for any cross-cutting issues;
- b. Utilize information technology to share relevant information for cross-fora coordination, including centralized information page and discussion boards under APEC Collaboration Site as well as a review on the protocol on remote participation;
- c. Request the BMC SWG to consider giving further priorities to certain cross-fora collaboration projects;
- d. Encourage the cross-participation across the SCE fora and beyond SCE; and,
- e. Assess the fora on their efforts to collaborate.

Some of the recommendations are already being implemented. The BMC SWG took up the issue of giving premium to cross-fora projects at its second meeting in 2016. The SOM accepted the recommendation by SCE to review the remote participation protocol and requested the Secretariat to look into this issue. The revised template of the SCE Fora Report expects the fora to report on its cross-fora activities, while the new Fora Assessment may need to consider reflecting this issue as one of the indicators or data to feed into the assessment exercise.

b. SCE-COW and the Documents on Cross-Fora Activities

The SOM3 in 2013 approved an initiative to restructure the SCE-COW meeting supported by the introduction of a meeting of fora chairs and lead shepherds preceding it. The first meeting to implement this was held on 25 February 2014 in Ningbo, China.

The Third Meeting of Fora Chairs and Lead Shepherds was convened on 29 February 2016 and chaired by Dr Alan Bollard, the Executive Director of the APEC Secretariat. All the fora are represented at this meeting for the first time. The meeting provided a constructive opportunity to exchange information on potential collaboration areas or initiatives.

This informal meeting was followed by a full-fledged SCE-COW on the same day. The APEC Secretariat presented two papers on cross-cutting issues. The updated Cross-cutting Issues Maps (2016/SOM1/SCE-COW/012) was appreciated by the delegations as one of the continuous efforts by the Secretariat to promote information sharing across the fora. The Maps has now a new section on Regional Food Market in line with the 2016 Host Priorities. The Secretariat's second paper on SCE Report on Synergies within ECOTECH Agenda (2016/SOM1/SCE-COW/018) was submitted earlier than requested by SCE, which facilitated the discussion among the convenors on certain cross-cutting initiatives or projects. The Report identified more than seventy areas of cooperation showing an increase in the similar number compared to the last year's report.

c. SCE's Cross-Fora Initiatives on Specific Topics

Travel Facilitation Initiative Steering Council

This Steering Council assists the coordination and reporting on the work being undertaken within APEC towards the Travel Facilitation Initiative. The United States is playing the coordinator role for the TFI Steering Council till the end of 2016. A representative from all five sub-fora also sit on the virtual Steering Council. Three SCE fora, CTWG, TWG and TPTWG, are actively involved in conjunction with two CTI fora, SCCP and BMG. The TFI focuses on making travel in the region faster, easier and more secure. The TFI Steering Council reports to the CSOM meeting annually.

Originally mandated to operate until the end of 2015, the TFI Steering Council had its mandate extended until 2017 by the decision of SCE1 in 2015 in order to match the TFI mandate which expires in 2017. A self-funded project by the U.S. to conduct Mid-term Assessment of TFI was endorsed at the SCE2 of 2015. A set of TFI Recommendations, including strengthening institutional arrangements and updating pillars of focus, were formulated and endorsed by SCE and the 5 sub-fora (BMG, CTWG, SCCP, TWG and TPTWG) in August 2016.

Mainstreaming Ocean Related Issues

Mainstreaming Ocean Related Issues (MOI) Steering Council was established by SOM in 2014 to support the MOI initiative endorsed at the 2013 Leaders' Meeting. The initiative will pursue three broad areas of focus: 1) strengthening food security and food safety, 2) maintaining healthy oceans and protecting the marine environment, and 3) connecting APEC Economies through the ocean. Senior Officials, via SCE, would oversee the implementation of the initiative.

In 2016, MOI met once in the margins of SOM1 on 28 February 2016. The 2016 meeting was the third meeting of the MOI SC and the meeting agreed that there is a need to further promote cross-fora collaboration in regard to Ocean-related issues. At the SOM3 of 2016, the mandate for MOI Steering Council was extended by two more years until December 2018. The revised ToR also includes more detailed procedures to appoint the Coordinator.

2.3 Follow-up on APEC Capacity Building Policy

a. 2015 Decision to follow up on the APEC Capacity Building Policy

The procedural Decision to follow up on the APEC Capacity Building Policy was adopted by SCE 3 meeting on 4 September 2016 and subsequently endorsed by SOM.

The Decision i) establishes BMC SWG to explore options to implement certain aspects of the SCE capacity building policy, relevant to BMC ; ii) instructs BMC SWG to hold its first meeting in the margins of SOM1 in 2016; and iii) asks BMC SWG whether to recommend to BMC on the appropriate timing to hold a joint session with SCE.

b. Activities of BMC SWG and the Discussion at SCE

The BMC SWG was established with the Terms of Reference endorsed by the BMC and elected Mr Jean-Louis Wallace from Canada as the Chairperson of the group. It had two meetings in the margins of SOM1 and SOM3 of 2016 (28 February and 21 August 2016, respectively).

The Chair of the BMC SWG updated the SCE-COW on the progress in three mandated areas of project funding contribution mechanism, application of the Capacity Building Policy Principles and APEC-funded Project Approval Mechanism. SCE members commented on the importance of streamlining project approval procedures, reviewing the funding criteria and exploring ways to enable more involvement of private sectors at SCE1. The SCE members were encouraged to participate in the intersessional process by the BMC SWG, which facilitated members' inputs in the relevant areas for further discussion.

SCE3 was also briefed on the updates by the Chair of the BMC SWG at SCE3, in particular, the agreement of the group on the updates to the Project Guidebook for incorporating the Capacity Building Policy and some other administrative suggestions on streamlining the project process. SCE members made suggestions to address low approval rate and administrative burden. SCE members indicated that the project management process should be improved to ensure participation and enhance dissemination of knowledge. SCE3 agreed to hold a joint BMC-SCE meeting next year and the SCE members are urged to put forward their inputs in the intersessional process of the BMC SWG, including on the draft agenda of the BMC-SCE.

2.4 Fora Administration

a. Making Recommendation to SOM on the Terms of References of SCE Fora

In accordance with its Terms of Reference, SCE has the mandate to “review the role and operation of Working Groups and Task Forces with a view to making recommendations to the SOM on establishing, merging, disbanding or reorienting” them.

In 2016, SCE made a number of recommendations to SOM to endorse the revised Terms of References. They include the revisions to MTF's ToRs to extend the mandate to 2018, SMEWG's to bring the review clause more in line with the other working groups, HRDWG's to reflect some new mandates, ACTWG's to set a new review date in 2020, ATCWG's to reflect some new mandates, EPWG's to improve institutional arrangements and MOI's to extend its mandate by two more years.

b. Approving Strategic Plans

The SCE-COW, which was held in Moscow, Russia on 16 February 2012, decided to require all ECOTECH fora to develop a strategic plan prior to CSOM 2013. During 2014, SCE assisted fora strategic planning process to ensure APEC's ECOTECH work is as focused as possible on the

highest priority areas as determined by Leaders and Ministers and all sixteen fora produced their strategic plans.

SCE continued to engage with the SCE fora in shaping their Strategic Plans in 2016. The SCE members were alerted on a possible submission of Strategic Plans to SCE during the drafting process at the working group or task forces level. The members were often encouraged to work with their economies' representatives at those sub-fora before an imminent submission to SCE.

In 2016, SCE approved the seven Strategic Plans, which are OFWG's Plans for the period of 2016-2018, PPWE's for the period of 2015-2018, ATCWG's for the period of 2015-2019, MTF's for the period of 2016-2018, SMEWG's for the period of 2017-2020, HWG's for the period of 2016-2020 and ACTWG's for the period of 2013-2017.

c. Approving Annual Work Plans

The Terms of Reference of SCE, as reconfirmed in 2016, mandates SCE to “assess and direct realignment of individual work plans of Working Groups and SOM Special Task Groups with the APEC-wide medium-term ECOTECH priorities and annual objectives as outlined in the ECOTECH framework” and stipulates that “to this purpose, all Working Groups and SOM Special Task Groups should submit their strategic and annual work plans to the SCE no later than three weeks prior to SOM I for consideration at the SCE-COW.”

Despite the challenges to submit their work plans in time, all seventeen SCE Fora (ACTWG, ATCWG, CTWG, EPWG, EWG, EGILAT, GOFD, HWG, HRDWG, MTF, OFWG, SMEWG, PPSTI, TELWG, TWG, TPTWG and PPWE) submitted theirs to the SCE COW in Lima, Peru. The Executive Director of the APEC Secretariat at SCE1 reported that the plans of the fora generally improved over the past years, while there is still room for further improvement, in particular, making specific linkages between the APEC's broader priorities and the planned activities. All the work plans were approved by SCE-COW.

d. Conducting Independent Assessments

In accordance with Recommendation 12 of the Fora Review endorsed by SOM and the Ministers in 2006 and the Implementation Plan by the APEC Secretariat submitted to SCE2 in 2007, SCE has been conducting independent assessments. Independent consultants have been selected through an open procurement process.

In 2016, two outside firms were awarded contracts to conduct four independent assessments on ACTWG, ATCWG, HLPDAB (High-Level Policy Dialogue on Agricultural Biotechnology), PPWE and TELWG. Due to the similarity and administrative benefit, the assessment on ATCWG and HLPDAB was conducted in a batch, which is in line with the previous years. The consultants from the contracted firms attended the meetings of those fora and submitted their reports to SCE. The fora were given an opportunity to comment on the draft report prepared by the assessors. The reports and recommendations of all these reports were endorsed by SCE and were forwarded to those fora for their implementation.

SCE3 noted that two responses from HWG and HRDWG for their assessment in 2014 were still outstanding, and EPWG is working on its responses to its assessment recommendations in 2015. These groups were requested to report back to SCE on their progress in implementing the recommendations.

Due to the Decisions made by SCE on Independent Assessment, no fora assessment is expected for 2017. Instead, the Secretariat and SCE will use this year to establish a new standardized program in 2017, which will facilitate annual assessments for the following year, 2018, and onwards.

e. Other Matters

SCE1 revised the SCE Fora Report Template (2016/SOM1/SCE/005) to remove repetition and redundancy while enabling to easily highlight the major outcomes. The new timeframe approved by SCE1 requires the SCE fora to submit their reports soon after SOM3. This will ensure to cover many activities taking place in the margins of SOM3. All the Fora Reports were submitted to SCE during the intersession period following SCE3.

SCE2 also updated Annual Work Plan Template (2016/SOM2/SCE/002) in line with the revision to the Fora Report Template. A structure similar to the one for Report Template was introduced to align planning with reporting.

In accordance with its Terms of Reference to review the ToR every two years, SCE1 reviewed its mandate as in the Terms of References and reconfirmed the current mandate for another two years (2016/SOM1/SCE/019).

2.5 APEC Support Fund

In 2004, Ministers endorsed the Australian proposal to set up the APEC Support Fund (ASF) to serve as a flexible funding mechanism to complement the existing General Project Account (GPA) (previously known as Operational Account) and Trade and Investment Liberalisation and Facilitation Fund (TILF). The ASF aims to meet the capacity building needs for developing economy members in APEC's agreed high priority sectors for economic and technical cooperation. Since its inception, the fund has received contributions from many economies including Australia; Canada; China; Hong Kong, China; Japan; Korea; New Zealand; Russia; Singapore; Chinese Taipei; and the United States. This has significantly boosted resources available to build capacity in the region for economic and technical cooperation activities.

2016 Members' voluntary contributions to the ASF (as at 31 August 2016) were made or committed by six economies, including Australia; Canada; China; Japan; Russia; and Chinese Taipei.

Australia provided a contribution to the ASF General Fund of USD 1,075,500, which was part of the AUD 14.9 million provided in the years 2008-2016 under the Memorandum of Understanding (MOU) with the APEC Secretariat.

Canada established the Micro, Small and Medium Enterprises Sub-fund and has committed to contribute CAD 2 million over 2016 to 2018. In 2016, Canada has contributed USD 772,439.

China, as part of its 5 year commitment to contribute to the APEC Support Fund, contributed USD 1.8 million in total to the ASF General Fund as well as three sub-funds, namely Free Trade Area of the Asia-Pacific and Global Value Chains (FTAAP & GVCs) Sub-fund, Innovative Development, Economic Reform and Growth (IERG) Sub-fund and Connectivity Sub-fund.

Russia made a contribution to the ASF General Fund of USD 1 million, which was part of the USD 3 million provided in 3 years between 2015 and 2017 under the MOU signed with the APEC Secretariat.

During 2016, voluntary contributions to ASF have also been made by Japan amounting to USD 933,978 designated for the Energy Efficiency Sub-Fund; and by Chinese Taipei amounting to USD 250,000 for the ASF General Fund and USD 200,000 for the Human Security Sub-Fund.

3. APEC Projects by SCE Fora

a. The Projects approved during Session 2 of 2015 and Session 1 of 2016 and the Self-funded Projects of 2015 and 2016

During the project approval session 2 of 2015 and session 1 of 2016, a total of 54 projects of SCE fora were approved and started implementing. APEC committed to fund these projects with a value of USD 6,986,603, which was a slight increase compared to the last reporting period. Out of the 54 projects, 3 projects received funding from the TILF Special Account, 9 projects were funded by the GPA and 42 projects by the ASF. In addition, SCE Fora approved 88 self-funded projects in 2015 and 2016. The total value of the projects, including self-funded projects, stands at USD 22,101,592. In addition, there are also five SCE fora multi-year projects underway.

As 14 projects from the CTI and 3 projects from EC received funding from the ASF during the same period, a total of 59 projects were approved for funding under ASF, which shows a small decrease in the number compared to 62 from the last reporting period.

Table 1 shows the breakdown of the number of the projects by the forum and by the account. It should be noted that the number of the self-funded projects here covers all the 2015 and 2016 projects.

Table 2 has the value of the projects and the amount of APEC funding for each element. Except for self-funded projects, the Table 2 has two different columns for each account, one for the sums of the value of the projects, including self-funding portion, and the other for the sums of the APEC funding component.

Table 1 SCE Fora Projects by Funding Source

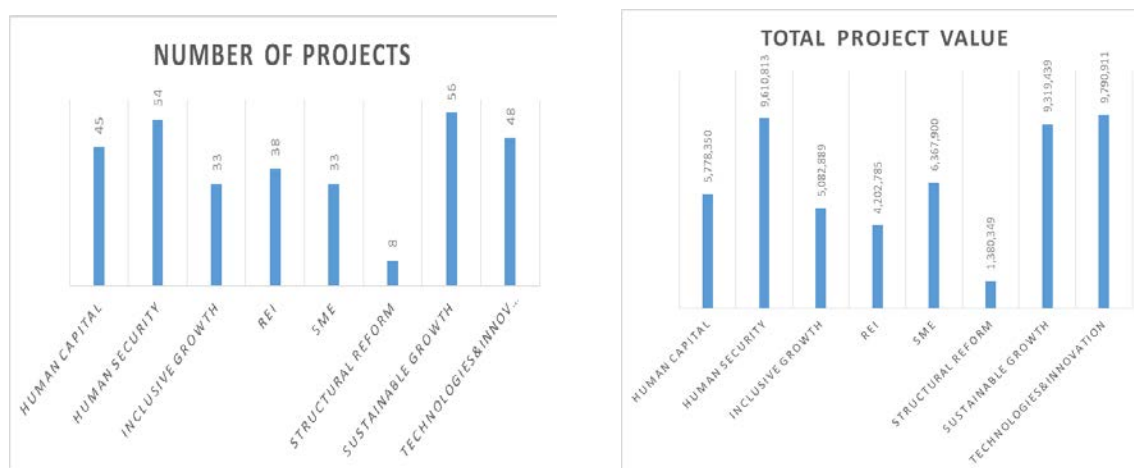
FORUM	ASF	GPA	TILF	SELF-FUNDED	TOTAL
ATCWG				3	3
ACTWG				1	1
EGILAT		1			1
PPSTI	2	1		16	19
CTWG	1			4	5
EPWG	1			1	2
EWG	16			13	29
GOFD				2	2
HWG	3			4	7
HRDWG	3			21	24
MTF	4				4
OFWG	2			5	7
PPWE	2	2		3	7
SMEWG	5	2	3	11	21
SCE				1	1
TELWG	1			1	2
TWG	1	1			2
TPTWG	1	2		2	5
TOTAL	42	9	3	88	142

Table 2 SCE Fora Projects by Funding Source and Values

FORUM	ASF		GPA		TILF		SELF-FUNDED	SUMMARY	
	Total	APEC Funding	Total	APEC Funding	Total	APEC Funding	Total	Total	APEC Funding
ATCWG							273,067	273,067	-
ACTWG							12,600	12,600	-
EGILAT			99,980	86,996				99,980	86,996
PPSTI	232,115	167,480	370,000	120,000			2,671,136	3,273,251	287,480
CTWG	150,000	120,000					32,500	182,500	120,000
EPWG	227,666	70,282					185,075	412,741	70,282
EWG	3,304,145	2,468,938					2,005,514	5,309,659	2,468,938
GOFD							300,000	300,000	-
HWG	743,679	399,755					380,000	1,123,679	399,755
HRDWG	593,627	396,731					1,628,814	2,222,441	396,731
MTF	675,997	579,997						675,997	579,997
OFWG	410,604	227,918					434,000	844,604	227,918
PPWE	227,216	202,216	228,000	218,000			395,000	850,216	420,216
SMEWG	1,252,855	644,441	281,596	249,910	378,811	299,873	3,048,042	4,961,304	1,194,224
SCE							30,000	30,000	-
TELWG	106,629	94,979					10,000	116,629	94,979
TWG	130,000	120,000	195,000	150,000				325,000	270,000
TPTWG	221,492	188,192	548,432	180,895			318,000	1,087,924	369,087
TOTAL	8,276,025	5,680,929	1,723,008	1,005,801	378,811	299,873	11,723,748	22,101,592	6,986,603

Figure 1 looks at how many projects are being implemented to respond to each of the ECOTECH Medium-term priorities. This information is mainly based upon the SCE Fora Reports. The APEC Secretariat filled the gaps when the fora did not report matching priorities for their projects. As the SCE fora can relate their project to more than one ECOTECH priority, the sum of these numbers do not match the number of the projects. These figures also include the self-funded projects.

One of the factors for the high number of projects that are relevant to sustainable growth is the significant share of projects funded by Energy Efficiency and Low Carbon Measures ASF Sub-fund. Another element to note is that only a small number of projects are responding to the priority of structural reform, which was also the case for the previous reporting periods.

Figure 1 Number and Value of APEC Projects by ECOTECH Priorities

Analysis by the Secretariat's Project Management Unit (PMU) in April 2016 noted that 89% of in-progress and 92% of recently completed projects strongly incorporate aspects of capacity building

as it is defined in the Policy on APEC Capacity Building: processes that enable member economies - particularly developing economies - to obtain, share, strengthen, maintain and develop knowledge, abilities, skills and technical know-how. Example project activities include skills building through training-of-trainers and technical assistance, and knowledge building through information-sharing workshops, case studies, symposiums, etc. This is an improvement over previous analysis from the PMU in 2015, which noted that 79% of projects had a primary focus on capacity building. In the cases where the focus was not on capacity building, the project's focus was often on compiling data, constructing databases, or developing scientific models, etc.

b. Outcome of Project Approval Session 2 of 2016

Project Approval Session 2 of 2016 approved 51 projects for APEC funding out of 103 applications (about 50%), which is an improvement on session 1 of 2016 (42%).

31 out of 67 SCE projects secured funding. SCE fora accounted for 61% of the total project approvals. 10 different SCE groups (ACTWG, ATCWG, EGILAT, EPWG, EWG, HWG, OFWG, PPSTI, SMEWG and TPTWG) were successful in getting funding. 11 projects from EWG were approved for funding from the Energy Efficiency Sub-Fund. SMEWG and PPSTI succeeded in their applications with 4 funded-projects each.

c. Funding criteria for all APEC projects

All applications for APEC project funding are assessed against a set of funding criteria designed to ensure alignment with APEC Leaders' and Ministers' instructions, and providing a common basis for making funding decisions.

In 2009, SCE took the first step to strengthen the SCE Policy Criteria by replacing the old six-tier ranking framework with the new four-tier rankings based on the nexus between the project proposal and the achievement of APEC's core objectives. In 2010 the SCE oversaw the creation of a uniform set of three-tier funding criteria for all of APEC regardless of the originating forum; the CTI and EC were also involved in the development of these funding criteria. These criteria are aligned with the APEC medium-term ECOTECH priorities but are reviewed and revised each year to meet Leaders' and Ministers' instructions and APEC annual objectives.

The 2016 funding criteria are attached as Annex 9.

4. Implementation of the Medium-term ECOTECH Priorities by SCE Fora

The SCE fora reported their activities on all eight areas of the ECOTECH Medium-term Priorities, which were established by SCE and SOM in 2014. These new priorities, comprising four cross-cutting and four workstream areas, guide the APEC fora and APEC economies in conducting their business.

Cross-cutting priorities

1. *Developing Human Capital through Capacity Building*
2. *Developing and Strengthening the Dynamism of SMEs*
3. *Harnessing Technologies for the Future and Supporting Innovation*
4. *Inclusive Growth – Addressing the Social Dimension of Globalization, Health, Gender*

Workstream priorities

5. *Regional Economic Integration*
6. *Structural Reform*
7. *Safeguarding the Quality of Life through Sustainable Growth*
8. *Human Security*

This Report highlights some of the activities which the SCE fora reported to respond to those eight priorities. It should be noted that the fora are allowed to associate their projects and initiatives with more than one priority and the following summary is intended not to capture all the activities for each ECOTECH area. For further details and additional information, it is advised to refer to the annual Fora Reports by the 17 SCE groups.

4.1 Developing Human Capital through Capacity Building

HRDWG held “Workshop on Youth Strategies” in Arequipa, Peru on 9 May 2016. It endorsed APEC Framework for Youth Education, Employment and Entrepreneurship in the second plenary meeting in 2016. HRDWG is currently implementing a number of projects, including “Workshop on Identification of Relevant Experiences regarding Mechanisms to Integrate STEM in Education and the Promotion of STEM Learning”, “Guiding Principles for Research Integrity”, “Skills Development Capacity Building Alliance”, “High-level Policy Dialogue on Education and Career Planning for Young Athletes”, “5th APEC Conference on Cooperation in Higher-Education in Asia-Pacific Region”, “Model APEC”, “Study on APEC Member Economies in Providing Long-term Public Care for Senior Citizens” and “International Symposium on Strategies for Strengthening Employability Skills”.

PPWE advanced its efforts to develop women's capacity through such events as "APEC Women's Business Smart Technology Seminar" and a workshop on "APEC Women in STEM (Science, Technology, Engineering and Math)".

TELWG implemented a workshop on "Indicators of Information Society Development in the APEC Region" in Moscow, Russia on 30 November 2015. An Industry Roundtable with the theme of "Connecting People and Things 2016" took place in Tacna, Peru on 14 June 2016. TELWG held workshops on "Facilitating innovative economic development of Internet + Service Industry" and "Social inclusion of people with disabilities" in Tacna, Peru on 15 June 2016.

TWG organized a workshop on "Developing the Tourism Workforce of the Future through Labour and Skills Development, Certification and Mobility in the APEC Region" in Kokopo, Papua New Guinea in August 2016.

4.2 Developing and Strengthening the Dynamism of SMEs

PPSTI held workshops on "Improving MSMEs' Competitiveness through Low Carbon Economy" in the Philippines in mid-2016 and "Policy Investigation on the Last Mile Solution of Smart Transportation and its Application on SME Value Chain Development" in Viet Nam in 2016.

SMEWG implemented a number of projects in response to Iloilo Initiative and Boracay Action Agenda (BAA) to Globalize MSMEs. It adopted its Strategic Action Plan for 2017-2020 and established Technical Ad hoc Group on the APEC MSME Marketplace. Several events were held to implement its project on "New Era of Growth for APEC SMEs through O2O Business Models" throughout 2016. APEC SME Finance Forum was held in Iloilo City, the Philippines on 22 September 2015. SMEWG organized a workshop on "Enhancing MSMEs' Access to the Digital Economy" in Viet Nam in April 2016 and another workshop on "Digital trade policies for the development of digital SMEs" in Lima, Peru in 5 September 2016. Sustainable growth by the SMEs has been another important area for SMEWG, under which a couple of workshops "Green and Sustainable MSMEs in the APEC region" and "Greening MSMEs: A Pathway Towards Sustainable Economic Growth in the APEC Region" were held in September and July 2016, respectively. A survey on "Inclusive growth through greater involvement of SMEs into B2B and B2G markets" was conducted. It should be noted that, due to the cross-cutting nature of SME issues, a number of other projects implemented by SMEWG are listed in other ECOTECH priority areas.

4.3 Harnessing Technologies for the Future and Supporting Innovation

ATCWG conducted "APEC Expert Consultation on Food Loss and Waste at Retail and Consumer Levels" in Chinese Taipei on 18-19 July 2016. It also launched "APEC Cold Chains Forum" on 1 April 2016.

EWG held many workshops and published associated research on the APEC website which contribute to Harnessing Technologies for the Future and Supporting Innovation. These include activities on "Promoting Renewable Power Generation with Fuel Cell Technologies", "Best Practices of Wind Energy Development", "Establishing Lighting Best Practices and Educational Programs to Achieve Deep Energy Savings", "Net Zero Energy Buildings", "Photovoltaic System Best Practices", and various events related to technologies available to lower emissions from urban environments (under the low carbon model towns and related projects). The Energy Smart Communities Initiative (ESCI) 2015 Best Practice Awards (see below) promoted technologies and

innovations being used by APEC members across 5 specific technical categories including Smart Grids.

PPSTI implemented a number of projects “Internet of Vehicles Project Phase 2” with the first workshop held in 2015 and the second workshop in August 2016, “APEC Workshop on Commercialization and Popularization of Research and Market-based Innovations through Policy Translation”, “Regional Workshop on Measurement Challenges in Renewable Energy and Climate Science”, “2016 APEC Typhoon Symposium”, “APEC Seismic Design of Structures 2015”, “Establishment of Regional Database on Herbal Medicine”, “From Science to Action : The Use of Weather and Climate Information for Efficient Disaster Risk Management” and “Training and Nurturing Young Scientists (Theoretical Physicists) in the Asia-Pacific Area”. It awarded 2016 APEC Science Prize for Innovation Research and Education (ASPIRE) to a Chinese scientist. It also held 2016 APEC Research and Technology (ART) in Korea in June 2016.

SMEWG organized the 9th APEC SME Technology Conference and Fair (APEC SMETC) in Shenzhen, China on 14-16 July 2016.

TELWG held “Industry Roundtable on ICT Innovation 2015”, “Industry Roundtable on ICT Connectivity 2015” and “Cybersecurity Framework Workshop 2015” in Auckland, New Zealand on 19-20 October 2015. To implement its project on “Cooperation Program on Creating a Common Interoperable Approach to Improving the Efficiency of Existing Disaster Management Systems based on ICT”, a workshop took place in Moscow, Russia on 30 November 2015. TELWG also held “APEC Workshop on Promoting Secure Public Wi-Fi Usage Based on Malaysian Experience” in Tacna, Peru on 14 June 2016. TELWG extended its initiatives on “ICT Application for the People with Special Needs”, “APEC e-Government Research Center” and “APII Testbed Project”.

TPTWG held two workshops to implement a project “Attracting Private Investment to Transportation Infrastructure Public-Private Partnerships (PPPs)” in April and July 2016.

4.4 Inclusive Growth

ATCWG held a symposium on “Inclusive Business in Agriculture, Forestry and Fisheries for Rural Development and Poverty Alleviation” in Arequipa, Peru on 8 May 2016. It also hosted an inception meeting to implement its project on “Developing Smallholder Inclusive Food Value Chain Models for Local and Global Markets” in Ha Noi, Viet Nam in December 2015.

EWG implemented the projects on accessibility of energy in remote areas, including Workshop on “Improving Energy Resiliency in Off-Grid Areas in APEC Economies”, “Green Energy Smart Farms” and “Long Term Reliability Study of PV Systems for Installation on Islands”.

GOFD endorsed two self-funded projects on “Promoting Participation of Persons with Disabilities in Economic Activities” and “Assistive Devices + Internet Cross-Border E-Commerce Platform”.

OFWG held a workshop in Lima, Peru in May 2016 to implement a project “Developing a Manual of Good Practices to Improve the Supply Chain of Marine Products Aiming to Maintain Health of the Fish Stock, Strengthening Food Security and Enhancing Trade in the Asia-Pacific Region” and the draft Manual was circulated. Three other events were also organized by OFWG in 2016, which are the “4th Blue Economy Forum”, “Workshop on Good Practices for Small-Scale Fisheries” and “High-Level Meeting on Overcoming Barriers to Financing Waste Management Systems to Prevent Marine Litter”.

PPWE organized various events to promote women's participation in economy, including "Public-Private Dialogue on Women and Economy", the first APEC contest for women-entrepreneurs "APEC Business Efficiency and Success Target Award", "Workshop on Next Steps for Women's Entrepreneurship in APEC Phase 2", and "APEC Workshop in Implementing the We-APEC Vision". High-Level Policy Dialogue on Women and Economy adopted "The Women and the Economy Statement" in June 2016, which focuses on the main theme "Breaking Barriers to Economic Integration of Women in the Global Market".

SMEWG also organized a Roundtable on "Supporting Women-led SME's Access Global Markets by Implementing Gender-Responsive Trade Promotion Policies and Programs" in Kuala Lumpur in June 2016.

TWG endorsed the APEC study on "Increasing Tourist Arrivals in the APEC Region: The Links between Tourism and Inclusive Growth", which was published as PSU Issues Paper No. 11 in August 2016. "Tourist Arrivals and Inclusive Growth" examined the likely impacts of policies that can contribute to achieving the target of 800 million international tourist arrivals by 2025, set by APEC Tourism Ministers in 2014. It also looked at the linkages between tourism development and the overall economy, particularly the linkages between tourism and macroeconomic indicators, inclusive growth, and MSME development.

4.5 Regional Economic Integration

EWG implemented projects on "Ethanol Trade Development as part of APEC's Renewable Energy Strategy", "Harmonization of Energy Efficiency Test Methods for Refrigerators", "APEC Public-Private Dialogue on Promoting Trade and Investment in Renewable and Clean Energy", and the "Conference on APEC Regional LNG Trade Facilitation".

HRDWG implemented a project on "Mapping Researcher Mobility in APEC" and presented the report to the 38th HRDWG Meeting in May 2016. HRDWG are also implementing projects related with cross-border education and labour mobility, including "APEC Occupational Standards Framework: Test in the Travel, Tourism and Hospitality Industry", "Research on Mutual Recognition of Credits among Universities in the APEC Region" and "Global Competencies and Economic Integration".

SMEWG started implementing its project "APEC SME Internationalization Model Indices" and finished its Pilot Case Studies. It also organized a "Public-Private Dialogue on Identifying and Addressing Difficulties and Challenges that hinder SMEs from taking trade benefits and advantages of RTAs/FTAs in the region" in Hanoi, Viet Nam on 7-8 January 2016. A workshop on "Promoting SME's Participation in the Food Supply Chain" was organized in Viet Nam in May 2016. SMEWG also held "Seminar on Promoting SME's Integration into EGS Global and Regional Markets" in Viet Nam in July 2016.

TPTWG held a workshop on a project "Promotion of Regional Economic Integration by Developing APEC Gateway Port Connectivity" in Kuala Lumpur, Malaysia on 5 September 2016. TPTWG has also completed the study on "Exploration on Strengthening of Maritime Connectivity".

TWG implemented its project on "Develop Air Connectivity in the APEC Region" by finalizing the Consolidated Report, Executive Summary and Economy Reports, which will be published soon. It also held a workshop on "Developing Traveller-Friendly Airports to Improve the Passenger Experience in the APEC region" in Lima, Peru in May 2016.

4.6 Structural Reform

SMEWG continued to implement a multiyear project on business ethics, by holding a workshop on Business Ethics Capacity Building for SMEs in Lima, Peru on 5-6 September. In the margins of this workshop, “APEC Business Ethics for SMEs Forum: Facilitating Trans-Pacific Collaboration for SMEs” was held. SMEWG organized a workshop to further the issues paper and explore opportunities for its project “Harmonisation of Standards for the Movement of Data across APEC” on 4-5 November 2015 and published the final report.

TELWG held Regulatory Roundtables on Convergence 2015 and 2016 in Auckland, New Zealand on 20 October 2015 and in Tacna, Peru on 14 June 2016, respectively.

4.7 Safeguarding the Quality of Life through Sustainable Growth

EWG has completed 17 energy projects and commenced another 38 projects on such areas as Low Carbon Model Town, Water-Energy Nexus, Cyber-Energy Nexus, Energy Efficiency of Refrigerators, Net Zero Energy Building, Renewable Energy Redoubling Goal, Clean Coal Technologies, Energy Resiliency, Fuel Cells, LNG Trade, Nuclear Energy, Smart Grid, Oil and Gas Security, Energy and Economic Competitiveness, Quality of Electric Power Infrastructure, Access to Energy in Remote Areas and Green Financing. 38 EWG Reports were published on the APEC website. EWG also held 22 EWG Project workshops. 4 Peer Reviews on Low-Carbon Energy Policies, Energy Efficiency and Inefficient Fossil Fuel Subsidy were conducted. Energy Smart Communities Initiative (ESCI) 2015 Best Practice Awards were granted across 5 technical categories of Smart Transportation (prizes awarded to contestants from Chinese Taipei and Korea), Smart Buildings (Thailand), Smart Grid (USA, Chinese Taipei), Smart Jobs (Australia, USA) and Low Carbon Model Town (Japan).

EGILAT has been implementing the APEC Timber Legality Guidance Template by compiling information from some member economies. The Workshop on Strengthening Forest Control Systems and Market Chains in APEC Economies was held on 15-16 August 2016 in Lima, Peru. EGILAT also organized a Joint Workshop on Customs Best Practices to Identify Illegal Timber and Wood Products in the margins of SOM3.

MTF held “Public-Private Dialogue on Mining” in the margins of SOM2 of 2016. It also approved four project proposals on “Mine Closure and Reclamation Checklist for Governments”, “Mining Equipment, Technology and Services sector Development”, “Mining Industry Competitiveness” and “Developing Training Materials to Reduce Mercury Use and Improve Gold Recovery in Artisanal and Small Scale Gold Mining”

PPSTI held workshops on “Measurement Challenges in Renewable Energy and Climate Science” in China in 2015 and organized “APEC Smart City Forum and Exhibition on IT” in China in 2015.

4.8 Human Security

ACTWG held a workshop on “Facing Foreign Bribery on APEC Economies” on 22 February 2016 to address the legal framework for foreign bribery and the liability of legal persons for bribery. Another workshop was organized by ACTWG on anti-bribery corporate compliance programs and incentives on 15 August 2016. APEC Pathfinder Dialogue III on Strengthening the Fight against

Illicit Trade and Corruption had 107 delegates from APEC, ASEAN, international organizations and civil society.

CTWG successfully held the 10th STAR (Secure Trade in Asia-Pacific Region) Conference in Lima, Peru on 20 August 2016 with a theme “Secure Supply Chain in the APEC Region : Challenges and Opportunities”. CTWG also organized such events as “Major Events Security Framework Workshop” on 20-21 February 2016 as a part of 2013 APEC MESF Capacity Building and “Secure Travel Follow-On Workshop on Countering Foreign Terrorist Fighter Travel” on 18-19 August 2016 in Lima, Peru, which was also an event under the Travel Facilitation Initiative.

EPWG held the Workshop on “Tsunami Disaster Risk Reduction in APEC Economies” and the Workshop on “Operationalizing APEC Guidelines on Appropriate Donations Best Practices, Approaches and Strategies” in the margins of SOM3 of 2016. EPWG also held APEC Workshop on Strengthening Public Alert and Early Warning Capacity in Iquitos, Peru on 6-7 October 2016 followed by 10th Senior Official Disaster Management Officials Forum (SDMOF) organized by 2016 Host Economy (Peru) on 8-9 October 2016.

EWG continued a variety of energy security activities including workshops, joint exercises and various reports and newsletters published under its Oil and Gas Security Initiative. It also completed ground-breaking research on mapping the Energy-Water Nexus and the Cyber-Energy Nexus.

HWG organized “Conference on Prevention, Control and Care for Multi-Drug Resistant Tuberculosis and Supply of Second line Anti-Tuberculosis Drug” on 29-30 June 2016 in Chinese Taipei. It also established a small group to draft a proposal for the “Implementation of the Roadmap for Working Towards a Healthy Asia Pacific 2020”.

PPSTI held workshops on “the 9th APEC Cooperation for Earthquake Simulation (ACES)” in China in 2015 and “Strategies to Address Non-Communicable Diseases (NCDs) through Science, Technology and Innovation” in the Philippine in 2015.

TPTWG held a workshop to implement a project “Framework Heavy Vehicle Safety in Transport Supply Chain for APEC Developing Economies” in Papua New Guinea in April 2016.

5. Key Achievements of the SCE Fora

Fora	Key Achievement in 2016
ATCWG	<ul style="list-style-type: none"> • Planning workshops on Intelligent Agriculture Promotion (IAP) and Strengthening Public-Private Partnership to Reduce Food Losses in the Supply Chain • Preparation to create a web-based network to discuss cold chain issues • Project on Developing Smallholder Inclusive Food Value Chain Models for Local and Global Markets • Strategic Plan for 2014-2019
ACTWG	<ul style="list-style-type: none"> • Workshop on Facing Foreign Bribery on APEC Economies • Workshop on Effective Corporate Compliance Programs and Incentives • APEC Pathfinder Dialogue III on Strengthening the fight against Illicit Trade and Corruption
CTWG	<ul style="list-style-type: none"> • 10th STAR (Secure Trade in Asia-Pacific) Conference • Major Events Security Framework Capacity Building • Secure Travel Follow-On Workshop on Countering Foreign Terrorist Fighter Travel • APEC Workshop on Strengthening Tourism Business Resilience against the impact of Terrorist Attack
EGILAT	<ul style="list-style-type: none"> • Implementation of Timber Legality Guidance Template in accordance with APEC Common Understanding of the Scope of Illegal Logging and Associated Trade • Joint Workshop with SCCP(Sub-Committee on Customs Procedures) • Workshop on Strengthening Forest Control Systems and Market Chains in APEC Economies
EPWG	<ul style="list-style-type: none"> • Workshop on “Tsunami Disaster Risk Reduction in APEC Economies” • Workshop on “Operationalizing APEC Guidelines on Appropriate Donations Best Practices, Approaches and Strategies” • Workshop on Strengthening Public Alert and Early Warning Capacity • 10th Senior Disaster Management Officials Forum • Update of the ToR to strengthen the institutional arrangements • Preparation of Action Plan to implement the APEC Disaster Risk Reduction Framework • Project on Enhancing rural disaster resilience through effective infrastructure investment
EWG	<ul style="list-style-type: none"> • Implementation of 55 Projects on such areas as Low Carbon Model Town, Water-Energy Nexus, Energy Efficiency of Refrigerators, Net Zero Energy Building, Renewable Energy Redoubling Goal, Clean Coal Technologies, Energy Resiliency, Fuel Cells and Green Financing • 4 Peer Reviews on Energy Efficiency and Inefficient Fossil Fuel Subsidy • 12th Energy Minister’s Meeting and a Ministers-Energy CEOs Dialogue

Fora	Key Achievement in 2016
	<ul style="list-style-type: none"> • The APEC Energy Outlook 6th Edition • Creation of Energy Resilience Task Force • Energy Smart Communities Initiative (ESCI) 2015 Best Practice Awards
GOFD	<ul style="list-style-type: none"> • Endorsement of Promoting Participation of Persons with Disabilities in Economic Activities • Endorsement of Assistive Devices and Internet Cross-Border E-Commerce Platform
HWG	<ul style="list-style-type: none"> • Adoption of Guidelines for engagement between HWG and the private sector • Establishment of a small group to draft a proposal for the “Implementation of the Roadmap for Working Towards a Healthy Asia Pacific 2020” • A joint event with LSIF on “APEC Accelerating Action on HPV and Cervical Cancer Prevention and Control” • Conference on Prevention, Control and Care for Multi-Drug Resistant Tuberculosis and Supply of Second line Anti-Tuberculosis Drug
HRDWG	<ul style="list-style-type: none"> • Workshop on Youth Strategies • Preparation of the 6th Education Ministerial Meeting, including discussion on APEC Labour Mobility Framework • Endorsement of APEC Framework for Youth Education, Employment, and Entrepreneurship • Mapping Researcher Mobility in APEC • Workshop on Identification of Relevant Experiences regarding Mechanisms to Integrate STEM in Education and the Promotion of STEM Learning
MTF	<ul style="list-style-type: none"> • Public Private Dialogue with ABAC to strengthen an active partnership on mining sector • MTF Strategic Plan for 2016-2018 • Extension of mandate until 2018 • Approval of four project proposals on “Mine Closure and Reclamation Checklist for Governments”, “Mining Equipment, Technology and Services sector Development”, “Mining Industry Competitiveness” and “Developing Training Materials to Reduce Mercury Use and Improve Gold Recovery in Artisanal and Small Scale Gold Mining”
OFWG	<ul style="list-style-type: none"> • 4th Blue Economy Forum • Workshop on Good Practices for Small-Scale Fisheries • Workshop on Developing a Manual of Good Practices to Improve the Supply Chain of Marine Products Aiming to Maintain Health of the Fish Stock, Strengthening Food Security and Enhancing Trade in the Asia-Pacific Region • High-Level Meeting on Overcoming Barriers to Financing Waste Management Systems to Prevent Marine Litter
PPSTI	<ul style="list-style-type: none"> • Strategic Plan for 2016-2025 • Guidelines on the Establishment, Management, and Review of Endorsed PPSTI Centers • Regional Workshop on Measurement Challenges in Renewable Energy and Climate Science

Fora	Key Achievement in 2016
	<ul style="list-style-type: none"> • Workshop on Improving MSMEs Competitiveness through Low Carbon Economy • Conference on PPSTI Centers and Long Term Mechanisms • Award of 2016 APEC Science Prize for Innovation Research and Education (ASPIRE) • 2016 APEC Research and Technology (ART) Program
PPWE	<ul style="list-style-type: none"> • Individual Action Plans of Economies for advancing women's representation in leadership • Progress to draft Guidelines for Gender Mainstreaming • Public-Private Dialogue on Women and Economy • First APEC contest for women-entrepreneurs APEC Business Efficiency and Success Target Award • Workshop on Next Steps for Women's Entrepreneurship in APEC Phase 2 • APEC Women's Business Smart Technology Seminar • APEC Women in STEM (Science, Technology, Engineering and Math) • APEC Workshop in Implementing the We-APEC Vision • The Women and the Economy Statement
SMEWG	<ul style="list-style-type: none"> • Strategic Action Plan 2017-2020 • APEC MSMEs Marketplace: Establishment of Technical Ad hoc Group with its Terms and Reference, revised Implementation Plan. 16 economies has submitted the Economy Information Template so far • 18 activities focusing on 5 out of 8 actions in the Boracay Action Agenda to Globalize MSMEs • Revised Terms of Reference • Greening MSMEs Forum and Workshop • Green and Sustainable MSMEs in the APEC Region Initiative • APEC Business Ethics for SMEs workshops • The 9th APEC SME Technology Conference and Fair • Events related to the APEC SME Online-to-Offline (O2O) Initiative • Workshop on Enhancing MSMEs' Access to the Digital Economy • Pilot Case Studies for APEC SME Internationalization Model Indices • A Roundtable on Supporting Women-led SME's Access Global Markets by Implementing Gender-Responsive Trade Promotion Policies and Programs • Survey "Inclusive growth through greater involvement of SMEs into B2B and B2G markets" • APEC SME Finance Forum (September 2015) • PPD on Identifying and Addressing Difficulties and Challenges that hinder SMEs from taking trade benefits and advantages of RTAs/FTAs in the region • Workshop on Promoting SME's Participation in the Food Supply Chain • Seminar on Promoting SME's Integration into EGS Global and Regional Markets • Harmonisation of Standards for the Movement of Data across APEC

Fora	Key Achievement in 2016
	<ul style="list-style-type: none"> • Workshop on Digital trade policies for the development of digital SMEs
TELWG	<ul style="list-style-type: none"> • Amendments to (i) Guidelines for Market Surveillance and (ii) A Guide for Industry to APEC TEL Confirmation Assessment and Mutual Recognition Arrangement (CA & MRA) • APEC Workshop on promoting secure public Wi-Fi usage based on Malaysian experience • Workshop on Social inclusion of people with disabilities • Workshop on Indicators of Information Society Development in the APEC Region • Regulatory and Industry Roundtables on ICT Innovation and ICT Connectivity, Connecting People and Things, and Public Policies for ICT • Extension of ICT Application for the People with Special Needs (Seniors and People with Disabilities) • Extension of APEC e-Government Research Center • Extension of APII Testbed Project • A number of workshops on ICT regulations, cybersecurity, ICT innovation and public policies
TPTWG	<ul style="list-style-type: none"> • Workshop on Framework of Heavy Vehicle Safety in Transport Supply Chain for APEC Developing Economies • Workshops on Attracting Private Investment to Transportation Infrastructure Public-Private Partnerships (PPPs) • Workshops Global Supply Chain Resilience • Workshop on Promotion of Regional Economic Integration by Developing APEC Gateway Port Connectivity • Project activities aimed at Enhancing Aviation Connectivity and Emissions Reduction via Implementation of Performance-Based Navigation (PBN) Assistance Programme • Training Course on Common Principles to Shipping Policy • International Ship and Port Facility Security (ISPS) Code Implementation Assistance Program (ICIAP) Establishment of Women in Transportation Task Force and launch of a series of pilot projects for volunteer economies • Completion of the study on “Exploration on Strengthening of Maritime Connectivity” • The first trial conduct of air services negotiations between volunteering economies • Launch of the Internal Structural Review of the TPTWG
TWG	<ul style="list-style-type: none"> • Second annual State of APEC Tourism Report • Completion of TWG project on Developing Traveller-Friendly Airports in the APEC Region, with recommendations for best practices • Completion of TWG project on Developing the Tourism Workforce of the Future through Labour and Skills Development, Certification and Mobility in the APEC Region, with recommendations for best practices; • Completion of TWG project on Developing Air Connectivity in the APEC Region, with market demand driven recommendations for new non-stop flights, hubs, and

Fora	Key Achievement in 2016
	<p>improved flight schedule connection times</p> <ul style="list-style-type: none">• Completion of Increasing Tourist Arrivals in the APEC Region: The Links between Tourism and Inclusive Growth project• Capacity building activities for 2016 include exchange of best practices and experiences among member economies

6. Recommendations

Recommendations

The following recommendations are proposed to the 2016 APEC Ministerial Meeting (AMM):

1. Endorse the 2016 Senior Officials' Report on Economic and Technical Cooperation;
2. Welcome the achievements of the Working Groups and Task Forces;
3. Welcome the Decisions by the SCE on Fora Assessment and the ongoing improvements that have been achieved through the 2016 Program of Independent Assessment of all SCE fora; and,
4. Welcome 2016 contributions to the APEC Support Fund from Australia, Canada, China, Japan, Russia and Chinese Taipei.



**Asia-Pacific
Economic Cooperation**

Advancing Free Trade
for Asia-Pacific **Prosperity**

APEC Senior Officials' Report on
**Economic and Technical
Cooperation 2016**
Annexes

SOM Steering Committee on Economic and Technical Cooperation's 2016 Work Plan

1. Proposed Work for 2016 in Response to Leaders'/ Ministers'/SOM Decisions and SCE Priorities.

- Provide policy recommendations that are related to ECOTECH groups, to SOM;
- Explore options to implement the APEC capacity building policy jointly with the BMC;
- Coordinate and supervise all ECOTECH-related Working Groups and Taskforces, including reviewing and recommending any fora's ToR revision to SOM;
- Review the operation and effectiveness of the SCE, including through exploring options to improve and streamline fora planning and reporting arrangements;
- Provide policy guidance on the ECOTECH agenda in the development of fora strategic plans;
- Review the Independent Assessment program and conduct Independent Assessments of APEC fora and monitor the implementation by fora of previous reviews' recommendations;
- Subject to the ranking procedure, approve and rank all ECOTECH-related project proposals ahead of presentation to the Budget Management Committee (BMC); and,
- Consolidate the SCE Fora Reports and prepare annual SOM Report on ECOTECH to Ministers

2. Strengthening coordination among and across Fora

- Promote joint-meetings and capacity building across APEC fora;
- Supervise or coordinate cross-cutting initiatives assigned to SCE:
 - the Travel Facilitation Initiative; and
 - the Mainstreaming Ocean-Related Issues Coordination Initiative
- Identify further cooperation in cross-cutting issues in APEC to help deliver the goals and aims of the APEC Leaders Declaration and Ministerial Statements, including through the preparation of a fora collaboration report at an earlier stage;
- Consider any means or concrete steps to encourage such cross-cutting initiatives; and

3. Expected Outcomes/Deliverables for 2016

- Consideration of any elements to implement the APEC Capacity Building Policy, jointly with the BMC;
- Improved arrangements on SCE fora's planning and reporting;
- Approval of the SCE Fora's annual work plans;
- Review and approval of the Strategic Plans for those fora with expiring strategic plans;
- Review and recommendation of the revised ToRs of certain fora to SOM, including MTF and SMEWG;
- Successful implementation of the Independent Assessments of the fora scheduled for completion this year, specifically

- Anti-Corruption and Transparency Working Group (ACTWG)
 - Agricultural Technical Cooperation Working Group (ATCWG) and High-Level Policy Dialog on Agricultural Biotechnology (HLPDAB)
 - Policy Partnership on Women and Economy (PPWE)
 - Telecommunications and Information (TELWG)
- Decisions and commencement of new independent assessments for 2017; and
 - Submission of the annual SOM Report on ECOTECH to Ministers at AMM 2016.

Decisions by the SOM Steering Committee on ECOTECH on Fora Assessment

With a view to make the current program of Independent Assessment more focused, effective and cost-efficient, the SOM Steering Committee on ECOTECH (SCE) decides the following:

Development of Standardized Program for Assessments in 2017

1. The APEC Secretariat (hereinafter referred to as “the Secretariat”) will engage an outside expert to develop a standardized program for assessments, including i) a set of indicators to assess the performance and governance of the fora; ii) a survey questionnaire template; iii) a possible scope of survey; iv) a list of useful information and data for the assessment; v) the methodology of processing such data; and vi) a reporting template. The procurement of such expert and the final outcome of this service contract will be submitted to the SCE for approval. The SCE fora will also be consulted during the development.

Annual Assessments from 2018

2. Pursuant to the terms of reference of SCE sub-fora, the Secretariat will identify and recommend to the SCE at the last SCE meeting of a year a potential list of the SCE fora that could be reviewed in the next year. The SCE may further decide to conduct review on other fora when necessary.
3. The SCE at the last SCE meeting of that year will also establish an assessment team comprising the representatives from the preceding, current, and next year’s SCE chairing economies as well as any other volunteering economies (hereinafter referred to as “the Assessment Team”) for the assessment of the following year. The Assessment Team may conduct its work virtually.
4. The Secretariat will engage a service provider to conduct the standardized program as developed by paragraph 1 above for a minimum of two years sufficiently in advance of any Annual Assessment. The final selection of such service provider will be subject to the endorsement by the SCE. The Secretariat will also monitor and guide the implementation of the program by the service provider. The Secretariat will review and forward the processed data and information produced by the service provider to the Assessment Team.
5. The Assessment Team with the assistance of the Secretariat will study the material forwarded by the Secretariat and produce draft recommendations to the SCE for its consideration prior to the last meeting of SCE.
6. The Assessment Team will also review the responses from the fora which have been subject to the assessments from the previous year(s) and make recommendations, if appropriate, on how to follow up on the responses.

Comprehensive Fora Review

7. The SCE may decide to conduct a comprehensive fora review following the completion of a round of Annual Assessments on all the fora, focusing on the overall organizational efficiency and based on the compiled data, records of Annual Assessments and the review of the responses from the fora on recommendations.

Improvement on Cross-Fora Collaboration

Background

1. At the SCE2 of 2015, the SCE members put forward a number of ideas to promote further cross-fora collaboration, including :
 - 1.1. Encouraging cross-referencing in Strategic Plans;
 - 1.2. Clear identification of such cross-fora initiatives as MOI and TFI;
 - 1.3. Additional premium for those cross-fora project proposals;
 - 1.4. Streamlining governance of fora on reporting;
 - 1.5. Early engagements of other fora in designing projects;
 - 1.6. More active role by the Secretariat Program Directors;
 - 1.7. Better coordination among the Economies' focal points;
 - 1.8. Further exploration of cross-fora collaboration topics by sub-fora; and
 - 1.9. Invitation of convenors of other fora to enhance cooperation among the fora.

2. Some of these suggestions are already being implemented. Many fora have identified MOI and TFI in their workplans (1.2). SCE1 of 2016 adopted new reporting template and timeframe (1.4). SCE2 of 2015 decided to encourage early engagement of other fora in designing projects (1.5). PDs in the Secretariat have come up with a number of cross-cutting maps to facilitate any cross-fora collaboration (1.6). More areas have been identified this year for cooperation.

3. Certain delegations and convenors at the SCE COW of 2016 put forward such preliminary ideas as more effective coordination within the Secretariat, coordination within each economy, use of such facilities as remote participation and cross-cutting meetings in the margins of annual SCE COW meetings.

4. The SCE COW of 2016 requested the APEC Secretariat to develop a paper with suggestions on how to promote cross-fora collaboration for discussion at SCE2. At the same time, the SCE COW members were given an opportunity to submit their comments and suggestions by 15 March 2016. One economy made a submission, which reiterates its suggestions made at the SCE COW meeting and recorded as above.

Discussion

Cross-referencing the other fora in Strategic Plans

5. Cross-referencing the other fora in any forum's Strategic Plans would be a workable option, if such cross-fora work would continue to be valid in the medium term planning. This approach can be implemented through a couple of options. The fora can be generally encouraged to make such reference to any joint efforts with the other fora when drafting or updating their Strategic Plan. And the SCE would provide specific guidance when reviewing the Strategic Plans submitted by the fora.

Making more efficient use of SCE COW

6. Considering the attendance of the fora convenors at the SCE COW meeting, more efficient structure within the SCE COW and its related events would benefit the cross-fora discussion and cooperation.

7. The current arrangements for the SCE COW and SCE are i) a half day for Lead Shepherds/Chairs Meeting, ii) Informal Lunch with the convenors and Senior Officials, iii) a half day for SCE COW and iv) a half or a full day for SCE. Additionally, MOI has been meeting separately and was held back to back with the SCE COW meeting.

8. The Host and the Secretariat could coordinate so that any cross-cutting issue discussion, such as MOI or TFI, could continue to be scheduled close to the SCE COW meeting. Furthermore, the normal half day session of Lead Shepherds/Chairs Meeting could be restructured to have some time slots for certain fora convenors to have discussions with some other convenors on specific issues. Such arrangements could be facilitated through the Secretariat. The Secretariat can invite any request to make such arrangements in advance of the SCE COW and work with the Host to look for appropriate venue and time slots. For the economy of the proceedings, any such meetings may be led by a specific forum convenor, who then will be able to report to the SCE COW on their discussions.
9. The SCE COW Chair and the APEC Secretariat could also consider organizing the work plan presentations at the SCE COW so that the cross cutting issues or fora's joint efforts are highlighted and interactive discussions are encouraged. The agenda and program setting may depend on the Host Year priorities and the SCE COW Chair should have the flexibility to adjust any such approach.

Disseminating and sharing more information

10. The APEC Secretariat could play more active roles in disseminating relevant information across the fora and also in liaising among the stakeholders on certain cross-cutting issues. This may include making the annual Work Plans of the fora and other relevant documents on the SCE's ACS so that the other convenors and stakeholders will be able to easily identify any possible cross-fora collaboration opportunities. Another example could be the project documents relevant to the cross-fora collaboration and/or the list of the projects applying for specific project rounds. Furthermore, if any SCE fora convenor(s) request(s) to create a discussion board on the SCE's ACS, the Secretariat could establish such discussion board to facilitate the discussions.

Remote participation

11. Currently, the APEC Secretariat provides a remote participation facility through Skype for Business. This facility could be used with the help from the Secretariat. SOM2 of 2014 that was held in Qingdao, China on 14-15 May 2014 did approve the Remote Participation Governance Guidelines in APEC (2014/SOM2/035).
12. However, these Guidelines will apply for limited remote participation, such as remote listening or viewing a physical meeting either in real time or potentially recorded time. They also have a long process for approval.
13. A review on the Guidelines may be necessary to accommodate possible demands for an interactive discussion under certain limited circumstances within a short timeframe for preparation.

Premium to cross-fora collaboration projects

14. Giving additional premium to cross-fora collaboration projects would mean a change to the current project approval procedures. As the BMC Small Working Group (BMC SWG) has started its deliberations to review these procedures, the SCE could recommend the BMC SWG to consider this approach.

Cooperation beyond SCE

15. Some cross-fora collaboration activities go beyond the SCE. Both MOI and TFI are inviting CTI fora in their process. Certain CTI and SCE fora also implement joint projects. The SCE COW also invites CTI and EC to its meeting, while the contradicting meeting schedules are very challenging for these fora representatives to attend the COW.
16. The participation of those fora representatives at the SCE COW could be urged and such other activities as small group meetings in the margins of the SCE COW could also invite the other Committees' representatives to their meetings.

Recommendations

17. It is recommended for SCE to :
 - 17.1. Make appropriate arrangements to facilitate more discussion on the cross-cutting issues and projects in the margins of annual SCE COW, including exploring possibilities of having themed discussions on specific cross-cutting areas under the lead of some fora convenors;
 - 17.2. Request the APEC Secretariat to facilitate easier access to the annual work plans and other useful documents relevant for cross-cutting issues through centralized specific pages under ACS;
 - 17.3. Create discussion boards on specific cross-cutting issues at the request of any SCE COW members on ACS and with the assistance from the APEC Secretariat;
 - 17.4. Recommend the SOM to review the protocol on remote participation (2014/SOM2/035) with a view to enable APEC fora to easily utilize such IT facility as remote participation (i.e. Skype for Business) to engage with the other fora in certain circumstances;
 - 17.5. Request the BMC Small Working Group to consider an approach to give further priorities to those cross-fora collaboration projects, which are of high priorities to APEC member economies, in the APEC funding approval process;
 - 17.6. Encourage the CTI and EC representatives to participate in the SCE COW meeting and in other relevant occasions to discuss any cross-cutting issues in the margins of the SCE COW;
 - 17.7. Encourage the fora to continue their efforts to coordinate across the fora through different avenues, including identifying specific areas for collaboration, holding multi-fora meetings or joint sessions in the margins of SOM meetings and using focal persons or Program Directors to coordinate with the other fora; and,
 - 17.8. Assess the fora on their efforts to collaborate or coordinate with the other fora, when the fora are subject to assessments.

**INDEPENDENT ASSESSMENT OF THE
ANTI-CORRUPTION AND TRANSPARENCY WORKING GROUP (ACTWG)**

Recommendations by Independent Assessor	Comments from member economies and/or APEC Secretariat	Suggested Action to be taken by SCE or ACTWG	Proposed timeline to implement the recommendation by SCE	Agreement on the suggested action (Yes/No)
RECOMMENDATIONS TO SCE				
N/A	<u>Secretariat:</u> It is noted that the ToR of the ACTWG was reviewed and revised at the SCE1 of 2016.			

Recommendations by Independent Assessor	Comments from member economies and/or APEC Secretariat	Suggested Action to be taken by SCE or ACTWG	Proposed timeline to implement the recommendation by ACTWG	Agreement on the suggested action (Yes/No)
RECOMMENDATIONS TO ACTWG				
Document and communicate the operations and recommended timelines for action associated with the governance structure outlined in the ACTWG's Terms of Reference.		As per the recommendation.	2016/2017	Yes
Include all ACTWG projects in the APEC Project Database, in particular, the self-funded events and project completion reports undertaken to capture the full extent of the ACTWG output and its impact.	<u>Secretariat:</u> The POs or sponsoring economies should be further encouraged to submit the project summary for inclusion in the PDB.	As per the recommendation.	2016 onwards	Yes

Recommendations by Independent Assessor	Comments from member economies and/or APEC Secretariat	Suggested Action to be taken by SCE or ACTWG	Proposed timeline to implement the recommendation by ACTWG	Agreement on the suggested action (Yes/No)
RECOMMENDATIONS TO ACTWG				
Update Strategic Plan for 2013-2017 to reflect the extended mandate of the ACTWG to 2020 and identify activity/ action leads to encourage other member economies to meet the agreed timing for the delivery of output as specified in the Plan.		Submit the updated Strategic Plan for the next term	2017	Yes
Compile a consolidated list of core ACTWG material and make it readily accessible to members to improve delegates' familiarity with key governance documents.	<u>Secretariat:</u> ACS could be used as long as members use this facility more extensively.	Upload these documents onto ACS and encourage the members to use ACS	2016 onwards	Yes
Clarify the administrative arrangements of the APEC Network of Anti-Corruption Authorities and Law Enforcement Agencies (ACT-NET) initiative to improve the ongoing efficiency and ultimate effectiveness of this initiative.	<u>ACTWG:</u> ACT-NET is still in infancy, with further assessment of its impact to be considered after some further time.	As per the recommendation.	2016 onwards	Yes
Further explore collaboration opportunities with other relevant subfora, and in particular with the Small and Medium Enterprises Working Group.	<u>ACTWG:</u> Other fora to work with could be further elaborated.	As per the recommendation.	2016 onwards	Yes

**INDEPENDENT ASSESSMENT OF THE
TELECOMMUNICATIONS AND INFORMATION WORKING GROUP (TELWG)**

Recommendations by Independent Assessor	Comments from member economies and/or APEC Secretariat	Suggested Action to be taken by SCE	Proposed timeline to implement the recommendation by SCE	Agreement on the suggested action (Yes/No)
RECOMMENDATIONS TO SCE				
Prioritize TELWG projects, where possible and appropriate		The SCE Members to note this when scoring the SCE fora projects	2017 and onwards	
Request TELWG to propose a broader high level specific ICT goal in the top level APEC goals such as universal access to smart devices and the development of innovative Internet, electronic and digital economy in the APEC region		As per recommendation	2016	
Encourage TELWG to continue prioritising work to build trust in online services, in particular the privacy and security of personal and confidential information, which remains a barrier to growth for professional services and other sectors		As per recommendation	2016	
Encourage and resource TELWG to better engage industry		As per recommendation	2016	

Recommendations by Independent Assessor	Comments from member economies and/or APEC Secretariat	Suggested Action to be taken by SCE	Proposed timeline to implement the recommendation by SCE	Agreement on the suggested action (Yes/No)
Encourage TELWG to become a forum for sharing best practice and policy and regulatory problem solving		As per recommendation	2016	

RECOMMENDATIONS TO TELWG				
Establish a formal induction for new members		As per the recommendation.	2017	Yes
Raise awareness of TELWG activities at Leaders and Ministers Level beyond the work of AHSGIE to build on the 2014 APEC Initiative of Cooperation to Promote Internet Economy		As per the recommendation.	2016 and onwards	Yes
Develop and execute an external engagement strategy		As per the recommendation.	2017	Yes
Establish a TELWG Industry Advisory Board		As per the recommendation.	2017	Yes
Identify the target audience in every TELWG document.		As per the recommendation.	2016 and onwards	Yes

Recommendations by Independent Assessor	Comments from member economies and/or APEC Secretariat	Suggested Action to be taken by SCE	Proposed timeline to implement the recommendation by SCE	Agreement on the suggested action (Yes/No)
Revisit the idea of Friends of the Chair		As per the recommendation.	2017	Yes
Consider undertaking a further and deeper penetration survey given that only 11 of the 21 member economies responded to this survey		As per the recommendation.	2017	Yes
Encourage member economies to submit more self-funded project proposals		As per the recommendation.	2016 and onwards	Yes
Develop TELWG as a forum to solve policy and regulatory challenges		As per the recommendation.	2016 and onwards	Yes

**INDEPENDENT ASSESSMENT OF THE
POLICY PARTNERSHIP ON WOMEN AND THE ECONOMY (PPWE)**

Recommendations by Independent Assessor	Comments from member economies and/or APEC Secretariat	Suggested Action to be taken by SCE	Proposed timeline to implement the recommendation by SCE	Agreement on the suggested action (Yes/No)
RECOMMENDATIONS TO SCE				
To continue to promote gender as a cross-cutting issue, and to do so more consistently, across APEC through continuing to support the PPWE, which is well positioned to provide coordination, technical oversight, monitoring and reporting.	It is advised that the PPWE take the leadership to lead this cross-cutting issue through various modalities for cross-fora collaboration. The Recommendations as in "Improvement on Cross-Fora Collaboration" adopted by SCE in 2016 are to facilitate this endeavor.	The SCE to take note of this recommendation and requests the SCE Chair to encourage the PPWE to take a lead on this discussion at the upcoming SCE COW.	2017 (SCE-COW)	
To mainstream gender equity across the APEC project cycle.	BMC is in a position to review any such issues that relate to the project management issues.	The SCE to request PPWE to discuss and suggest specific proposals to BMC.	2017	
Recommendations by Independent Assessor	Comments from member economies and/or APEC Secretariat	Suggested Action to be taken by PPWE	Proposed timeline to implement the recommendation by PPWE	Agreement on the suggested action (Yes/No)
RECOMMENDATIONS TO PPWE				
Review the chair arrangements and consider implementing a 2-year chairing arrangement along the lines of the 'Consolidated Guidelines for the Rotation System for Lead Shepherds and Chairs'		As per the recommendation	2017	Yes

Support and undertake a revision of the 'Framework for the Integration of Women in APEC is supported by APEC' as soon as possible		As per the recommendation	2017 and onwards	Yes
Develop a formal lessons learned process for implementation within PPWE and implemented during the PMCM at the end of each WEF		As per the recommendation	2017 and onwards	Yes
Make an annual presentation of its work plan, approach and achievements to a high level within APEC: preferably at SOM III, otherwise at the SCE		As per the recommendation	2017 and onwards	Yes
Encourage a representative from PPWE to attend the meetings of other fora to present a progress report on the integration of women in APEC, and also encourage all other fora to present their reports on their groups' progress in integrating women in APEC		PPWE is requested to implement this by promoting this cross-participation and leading the cross-fora collaboration discussion at SCE COW.	2017 and onwards	Yes
Develop and implement a communication strategy, addressing both inter-PPWE communication needs as well as extra-PPWE communication		As per the recommendation	2017 and onwards	Yes
Collectively refer to the PPWE components as the Women and the Economy Fora (WEF)		As per the recommendation	2017 and onwards	Yes
Work towards achieving greater gender equity in the WEF and engage more men as champions of change		As per the recommendation	2017 and onwards	Yes
Enhance private sector engagement in PPWE and HLPD on WE and encourage to reflect the private sector's input in the development of work plans and the Statement		As per the recommendation	2017 and onwards	Yes

**INDEPENDENT ASSESSMENT OF THE AGRICULTURAL TECHNICAL COOPERATION WORKING GROUP (ATCWG) AND
HIGH LEVEL POLICY DIALOGUE ON AGRICULTURAL BIOTECHNOLOGY (HLPDAB)**

Recommendations by Independent Assessor	Comments from member economies and/or APEC Secretariat	Suggested Action to be taken by SCE	Proposed timeline to implement the recommendation by SCE	Agreement on the suggested action (Yes/No)
RECOMMENDATIONS TO SCE				
Recommendations by Independent Assessor	Comments from member economies and/or APEC Secretariat	Suggested Action to be taken by ATCWG/HLPDAB	Proposed timeline to implement the recommendation by ATCWG/HLPDAB	Agreement on the suggested action (Yes/No)
RECOMMENDATIONS TO ATCWG				
Continue the operation and amend its Terms of Reference to include specific reference to consideration of women in the agricultural economy		As per the recommendation	2017	Yes
Recast ATCWG's Strategic Plan so that its individual goals are more clearly aligned with its Terms of Reference. - Include a paper summarising measurable, objective progress towards its strategic goals at each meeting		As per the recommendation	2017	Yes

Make sure that the POs prepare their Concept Notes to focus on APEC priorities, expand their sources of funding to a larger number of APEC sub-funds, and seek co-sponsorship, where appropriate, with other fora including PPFS, PPSTI, SMWEG and PPWE		As per the recommendation	2017 and onwards	Yes
Remove overlap between the scheduled meeting times of ATCWG and HLPDAB		As per the recommendation	2017 and onwards	Yes
Coordinate the agendas for a joint session between HLPDAB and ATCWG to discuss any issues that are common to both groups		As per the recommendation	2017 and onwards	Yes
Attend and present to plenary sessions of PPFS		As per the recommendation	2017 and onwards	Yes
Review ATCWG's and HLPDAB's operation at the same time in the next review cycle		As per the recommendation	For next fora assessment	Yes
Continue its engagement with the private sector, and expand its consideration of technologies relevant to agriculture so it can address its broad objectives more effectively		As per the recommendation	2017 and onwards	Yes
RECOMMENDATIONS TO HLPDAB				
Continue its work until the current topics of low level presence and data transfer are resolved, while noting the need to close the forum and transfer the work program to PPFS, if it misses another quorum requirement in 2017.		As per the recommendation	2017	Yes
Review its Strategic Plan to ensure alignment with its Terms of Reference and inclusion of objective, measurable		As per the recommendation	2017	Yes

goals, progress toward which is reported at each meeting.				
Continue to hold its workshops prior to the main annual meeting		As per recommendation	2017 and onwards	Yes
Attend and present to plenary sessions of PPFS		As per the recommendation.	2017 and onwards	Yes
Invite speakers from the FAO and/or OECD to its next meeting or workshop in order to learn from their current considerations of mutually relevant topics		As per the recommendation.	2017 and onwards	Yes
Revisit the idea of Friends of the Chair		As per the recommendation.	2017	Yes

FUNDING CRITERIA FOR ALL APEC-FUNDED PROJECTS IN 2016

In assessing APEC-funded projects in 2016, priority should be given – pursuant to instructions from Leaders and Ministers – to funding capacity-building activities, with special emphasis on developing economies, in accordance with the following rankings. These criteria will be used for ranking all of APEC's funded projects.

Rank 1: Projects that demonstrate a direct link to promoting regional economic integration via free and open trade and investment

This includes projects related to:

- Supporting the Multilateral Trading System and the Bogor Goals
- Trade and Investment Facilitation and Liberalization, including infrastructure development and PPPs.
- Next Generation Trade and Investment Issues
- Ease of Doing Business
- Services trade, including the implementation of the APEC Services Cooperation Framework
- Regional Economic Integration initiatives, including the Beijing Roadmap for APEC's Contribution to the Realization of the FTAAP
- MSME Modernization and insertion in GVCs, including industries that promote green growth and green jobs, and implementation of the Boracay Action Agenda to Globalize MSMEs and the Iloilo Initiative
- Food production, processing, supply chain and trade, including food safety and security, sustainable agriculture, sustainability of these activities and rural development, technical cooperation and new technologies, as well as implementation of the Food Security Roadmap Towards 2020 and the Food security Business Plan
- Ocean-related issues for economic growth; including Blue Economy; fisheries; as well as aquaculture and the implementation of the Plan of Action on Food Security and Blue Economy; conservation and sustainable development of marine and coastal resources, including reduction of marine debris.
- Human capital development, including implementation of the Strategic Plan on Capacity Building to Promote the Trade and Investment Agenda, cooperation on education, skills development, science and technology and capacity building, alignment of education and training to the regional labor market needs and youth employment
- Activities outlined in the Global Value Chains (GVCs) Blueprint
- Supply Chain Connectivity
- Structural Reform , including overcoming the MIT and the implementation of the RAASR
- Financial integration, fiscal transparency and financial resiliency and implementation of the Cebu Action Plan
- Connectivity, including the implementation of the APEC Connectivity Blueprint on enhancing physical, institutional and people-to-people connectivity
- Standards, conformity assessment, technical regulations, regulatory cooperation, and regulatory coherence, including good regulatory practices
- Protection and enforcement of intellectual property rights, including trade secrets
- Internet Economy, including the implementation of APEC Initiative of Cooperation to Promote Internet Economy
- Information technology and digital economy, including e-commerce, ICT infrastructure and digital trade
- Travel facilitation for enhancing mobility, green tourism
- Building sustainable and resilient communities
- Emergency preparedness and disaster management, including activities relating to the efficient movement of capital, goods, services and people as well as the implementation of the APEC Disaster Risk Reduction Framework.

Rank 2: Projects that directly support the APEC Strategy for Strengthening Quality Growth

This includes projects related to the implementation of the APEC's Strategy for Strengthening Quality Growth:

Balanced Growth

- Macro-economic policy coordination and information sharing
- Financial markets (including financial regulatory systems and capital market development), financial inclusion and ensuring long-term fiscal sustainability

Inclusive Growth

- Women and the Economy (if not otherwise related to a Rank 1 Priority issue).
- Inclusion of people in situation of disability in the economy
- Issues related to reducing economic disparities among APEC economies and to help members to participate in the regional trade and investment liberalization opportunities
- Activities/issues related to addressing the social dimension of globalization, including health and gender, aging population and vulnerable groups

Sustainable Growth

- Energy efficiency, energy security and energy resiliency including the development of low carbon technology and alternative energy sources
- Urbanization to growth, including smart city and live-friendly cooperation
- Conservation, sustainable management, and rehabilitation of natural resources, including land, water, forest, among others; combatting illegal logging and associated trade
- Sustainable development in mining
- Activities/issues related to safeguarding the quality of life through sustainable growth

Secure Growth

- Counter terrorism
- Strengthening growth security through disaster risk reduction to enhance resilience against natural calamities.
- Health and health systems, including the implementation of Healthy Asia-Pacific 2020
- Anti-corruption, good governance and transparency, including anti-money laundering activities

Innovative Growth

- Innovation policy and research cooperation, including harnessing new technologies for the future
- Science and technology and ICT approaches in disaster preparedness, risk reduction, response and post-disaster recovery and cooperation in search and rescue

Rank 3: Projects that are linked to other priorities identified by Leaders and Ministers but are

less closely linked to regional economic integration via free and open trade and investment

This includes projects related to:

- Youth cooperation
- Other related-issues/activities that cannot be directly linked to Rank 1 and Rank 2 projects

NOTES

Cross-cutting issues: All projects should apply the **Policy on APEC's Capacity Building through ECOTECH, in particular its Operational Principles, and maximize:** regional economic integration; developing human capital; building linkage between APEC economies; gender equality; engagement of other APEC fora, ABAC, the private sector and other multilateral organizations; multi-year

capacity building opportunities; and the spectrum of capacity building models and activities, although the extent to which projects incorporate these methodologies will not affect their priority ranking.

Prioritisation within a rank: *In the event that there are more project proposals than available funding for initiatives within a particular rank, projects will be prioritized in accordance to the degree to which they contribute to its rank's objective (and therefore to the APEC's further objective of the furtherance of the goal of economic integration via free and open trade and investment).*

ABBREVIATIONS AND ACRONYMS

ABAC	APEC Business Advisory Council
ACTWG	Anti-Corruption and Transparency Experts' Working Group
ACT-NET	Anti-Corruption Authorities & Law Enforcement Agencies
AMM	APEC Ministerial Meeting
APEC	Asia-Pacific Economic Cooperation
ASEAN	Association of Southeast Asian Nations
ASF	APEC Support Fund
ATCWG	Agricultural Technical Cooperation Working Group
BCP	Business Continuity Plans
BMC	Budget Management Committee
BMG	Business Mobility Group (<i>a sub-fora of CTI</i>)
CEEDS	Cooperative Energy Efficiency Design for Sustainability
COW	Committee of the Whole
CSOM	Concluding Senior Officials' Meeting
CTI	Committee on Trade and Investment
CTWG	Counter-Terrorism Working Group
EC	Economic Committee
ECOTECH	Economic and Technical Cooperation
EGILAT	Experts Group on Illegal Logging and Associated Trade
EPWG	Emergency Preparedness Working Group
ESI	Energy Security Initiative
EWG	Energy Working Group
FMP	Finance Ministers' Process
FOTC	Friends of the Chair
GPA	General Project Account
GOFD	Group of Friends on Disability Issues

HLPDAB	High Level Policy Dialogue on Agricultural Biotechnology
HRDWG	Human Resources Development Working Group
HWG	Health Working Group
ICT	Information and Communications Technology
LCMT	Low Carbon Model Town
LEDS	Low Emission Development Strategies
MOI	Mainstreaming Ocean Related Issues
MOU	Memorandum of Understanding
MRA	Mutual Recognition Arrangement
MRA-CA	MRA for Conformity Assessment
MRM	Ministers Responsible for Mining
MTF	Mining Task Force
NGO	Non-Governmental Organizations
OA	Operational Account
OECD	Organization for Economic Cooperation and Development
OFWG	Ocean and Fisheries Working Group
PMU	Project Management Unit (<i>under APEC Secretariat</i>)
PPFS	Policy Partnership on Food Security
PPSTI	Policy Partnership on Science, Technology and Innovation
PPWE	Policy Partnership on Women and the Economy
QAF	Quality Assessment Framework
REI	Regional Economic Integration
SCCP	Sub-Committee on Customs Procedures (<i>a sub-fora of CTI</i>)
SCE	Steering Committee on Economic and Technical Cooperation
SCSC	Sub-Committee on Standards and Conformance (<i>a sub-fora of CTI</i>)
SMEWG	Small and Medium Enterprises Working Group
SOM	Senior Officials' Meeting
TELWG	Telecommunications and Information Working Group

TILF	Trade and Investment Liberalisation Fund
ToR	Terms of Reference
TPTWG	Transportation Working Group
TWG	Tourism Working Group
US-ATAARI US-APEC	Technical Assistance to Advance Regional Integration

2016 SCE FORA REPORT: *Anti-Corruption and Transparency Experts' Working Group (ACTWG)*

Date: 9 September 2016

Summary

1. Main progress and achievements of 2016

ACTWG made many efforts throughout 2016 in order to fight bribery of foreign public officials in international business transactions; to promote the implementation of effective voluntary corporate compliance programs and incentives; and to share best practices to fight corruption associated to illicit trade. Those efforts included the following activities held in Lima, Peru:

- A Workshop on 'Facing Foreign Bribery on APEC Economies' held during SOM I, on 22 February 2016, with the participation of 109 anti-corruption experts, representing 15 APEC economies.
- The 22° ACTWG Meeting held during SOM I, on 23 February 2016 and attended by 51 anticorruption authorities from 15 APEC economies.
- A Workshop on 'Effective Corporate Compliance Programs and Incentives' organized during SOM III, on 15 August 2016 and attended by 84 participants, representing 17 APEC economies.
- The 3° Meeting of the Network of Anti-Corruption Authorities & Law Enforcement Agencies (ACT-NET) that was held during SOM III, on 16 August 2016 and attended by 52 ACT-NET members from 17 APEC economies.
- The 23° ACTWG Meeting held during SOM III, on 17 August 2016 with the participation of 65 anticorruption authorities representing 17 APEC economies.
- The APEC Pathfinder Dialogue III on 'Strengthening the fight against Illicit Trade and Corruption' that was held on 18 and 19 August and attended by 107 participants.

2. Recommendations to SCE/SOM

Section I: Main Outcome of Plenary Meetings

1. 22° Anti-Corruption and Transparency Working Group Plenary Meeting

The 22nd meeting of the ACTWG was held in Lima Peru, on 23 February 2016. It was chaired by the General Attorney and President of the High Level Commission on Anticorruption of Peru, Honourable Mr. Pablo Sanchez, and attended by 15 APEC Member Economies (all except Brunei, Canada, Japan, Malaysia, Mexico and New Zealand); an official observer from ABAC, as well as by Non-Member Participants from the American Bar Association (ABA), the United Nations Office on Drugs and Crime (UNODC), the World Bank, the Organization for Economic Cooperation and Development (OECD), Transparency International (TI), the Inter-American Development Bank.

The meeting decided:

- To Report on 2015 ACT Achievements.
- To present the ACT Work Plan for 2016.
- To update the ACT Strategic Plan Multi Year 2013-2017.
- To update the ACT Terms of Reference.
- To know the progress and development on implementing the UN Convention against Corruption (UNCAC) and other initiatives related to Anti-Corruption and Transparency from the APEC economies.
- To know the implementations of the 2014 Beijing Anticorruption Declaration from the APEC economies.
- To know the ongoing and proposed projects and ACT Initiatives and Related Synergies with other Relevant International Fora.

- To know the activities from International Organizations on their Anti-Corruption activities and analyse possible interactions with ACT.

2. 23° Anti-Corruption and Transparency Working Group Plenary Meeting

The 23rd meeting of the ACTWG was held in Lima Peru, on 17 August 2016. It was chaired by the General Attorney and President of the High Level Commission on Anticorruption of Peru, Honourable Mr. Pablo Sanchez, and attended by 17 APEC Member Economies (all except Brunei, Japan, Malaysia, Mexico); an official observer from ABAC, as well as by Non-Member Participants from the American Bar Association (ABA), the World Bank, the Organization for Economic Cooperation and Development (OECD) and Transparency International (TI).

The meeting decided:

- To update the ACT Strategic Plan Multi Year 2013-2017.
- To know the progress and development on implementing the UN Convention against Corruption (UNCAC) and other initiatives related to Anti-Corruption and Transparency from the APEC economies.
- To know the implementations of the 2014 Beijing Anticorruption Declaration from the APEC economies.
- To know the ongoing and proposed projects and ACT Initiatives and Related Synergies with other Relevant International Fora.
- To know the activities from International Organizations on their Anti-Corruption activities and analyse possible interactions with ACT.
- To announce the chairmanship of Viet Nam for 2017.

3. Third Meeting of the Network of Anti-Corruption Authorities & Law Enforcement Agencies (ACT-NET)

The 3rd ACT-NET meeting was held in Lima Peru, on 16 August 2016. It was chaired by the General Attorney, Honourable Mr. Pablo Sanchez, and attended by 82 anticorruption and law enforcement delegates from 17 Member Economies (all except Brunei, Japan, Malaysia, and Mexico).

The meeting decided:

- To report on the ACT-NET Achievements
- To update the ACT-NET Terms of Reference
- To update the ACTWG Strategic Plan (on what corresponds to the ACT-NET)
- To share information regarding Anti-Money Laundering and Asset Recovery, International Cooperation in Bribery Cases and Informal International Cooperation

Section II : Progress on Projects and Other Initiatives

Title	Progress made	Mandate	ECOTECH Priorities	Cross-fora collaboration
ACTWG Workshop on 'Facing Foreign Bribery on APEC Economies'	The ACTWG Workshop on 'Facing Foreign Bribery on APEC Economies' was held on 22 February 2016 and organized by the High Level Anticorruption Commission from Peru with the technical support from the OECD, the World Bank and Chile. 109 participants, including ACTWG representatives, prosecutors and judges, attended the Workshop. The workshop addressed two main topics: the legal framework for foreign bribery and the liability of legal persons for bribery. Different formats – reports and roundtable discussions- aimed at sharing experiences among the participating economies. Expert speakers from the OECD, Chile and Peru provide meaningful thoughts on this theme.	ACT Working Plan 2017.	Human Security	Nil
APEC ACTWG Workshop on 'Effective Corporate Compliance Programs and Incentives'	The APEC ACTWG Workshop on anti-bribery corporate compliance programs and incentives was held on 15 August 2016. The High Level Anticorruption Commission from Peru and the Department of Commerce and the State Department from USA hosted the workshop. 84 participants attended the Workshop, including ACTWG and other APEC representatives, prosecutors, judges and compliance experts, ABAC members and other representatives from international organizations and the business community. Expert speakers on compliance programs from Singapore, Colombia, Peru, Chile, and the United States, representing multinational businesses, law firms, law enforcement and trade agencies, gave detailed presentations on the elements of effective corporate compliance programs and Member economy incentives for such programs. There was an interactive breakout session of roundtables comprised of the experts and participants to share best practices and experience with such programs and incentives and to discuss conclusions and next steps for work in this area.	ACT Working Plan 2017.	Human Security	The representatives from the Small and Medium Enterprises Working Group were invited to participate on this Workshop.
APEC Pathfinder Dialogue III on Strengthening the fight against Illicit Trade and Corruption'	The APEC Pathfinder Dialogue III on Strengthening the Fight against Illicit Trade and Corruption throughout the Asia-Pacific Region was held on 18 and 19 August 2016. 107 delegates from APEC, the Association of Southeast Asian Nations (ASEAN), international organizations, the private sector, and civil society shared best practices, lessons learned, and proven methods to combat the devastating role of corruption in wildlife trafficking, environmental crimes, illegal mining and logging, illicit fisheries, and trafficking in persons. The Dialogue was co-chaired by Dr. Pablo Sanchez, Chair of the APEC Anti-Corruption and Transparency Experts Working Group (ACT) and Attorney-General, Peru, and the U.S. Pathfinder Coordinator, Mr. David M. Luna, Senior Director for National Security and Diplomacy, Bureau of International Narcotics and Law Enforcement, U.S. Department of State.	ACT Strategic Plan Multi Year 2013-2017	Human Security	This Dialogue promoted the participation of the representatives of the ACTWG as well as the representatives of the Experts Group on Illegal Logging and Trade (EGILAT), and the Chair of the APEC Mining Task 3 Force (MTF).

2016 SCE FORA REPORT: *Agricultural Technical Cooperation Working Group (ATCWG)*

Date: 20 September 2016

Summary

1. Main progress and achievements of 2016

In 2016, ATCWG continues to implement its activities consistent with the vision statement and action plans incorporated in the Osaka Action Agenda and relevant subsequent directions, including those identified by the First, Second and Third Ministerial Meeting on Food Security (MMFS) in Niigata in October 2010, Kazan in June 2012, Beijing in September 2014, and the APEC Food Security Roadmap towards 2020 to strengthen regional food security and food safety. ATCWG continues to push this priority forward by encouraging ATCWG members to submit project proposals for APEC funding and undertake relevant activities.

ATCWG facilitates capacity building and knowledge, information and experience sharing in food security and sustainable agriculture through the relevant workshops including:

- Workshop on Intelligent Agriculture Promotion (IAP) in the APEC region will be held by China on November 2016 in Yinchuan of China with the aim to establish a platform for APEC economies and international organizations to communicate, share and discuss advanced technology of wisdom agriculture
- Workshop on Strengthening Public-Private Partnership to Reduce Food Losses in the Supply Chain will be held by Chinese Taipei on September 22, 2016 during the Food Security Week in Piura, which is an action of the Phase II of the ATCWG Multi-year project.

ATCWG makes some progresses in the area of food value chain including through:

- Japan plans to create a web-based network for interested people to discuss any issues regarding cold chains including policy, technology, and new products in order to implement an agreement in “APEC High Level Public-Private Forum on Cold Chains to Strengthen Global Agriculture and Food Value Chains (ATC 01 2014A)” held at Kagoshima, Japan on October 28-29, 2015
- A project on ‘Developing Smallholder Inclusive Food Value Chain Models for Local and Global Markets’ is carried out by Australia to enhance the inclusiveness of smallholders in global food value chains. The study aims to produce and test alternative business models which link multinational food companies with smallholders in partnership with other public and private stakeholders. The project is studying the dairy, meat, fish and horticulture sectors and draws on the experience of farmers in five APEC member economies Indonesia, China, Vietnam, the Philippines, Chinese Taipei (on a self-funded basis), and two non-APEC member countries, Cambodia and Laos.

The 20th ATCWG Annual Meeting is scheduled to be held on 20-22 September 2016 in Piura, Peru.

2. Recommendations to SCE/SOM

Section I: Main Outcome of Plenary Meetings

The 19th ATCWG Annual Meeting was held on September 28-29, 2015, Iloilo, Philippines, was attended by about 54 participants from 13 economies. ATCWG revised and approved in principle the Strategic Plan 2014-2019 and the Terms of Reference which were to be finalised by Lead Shepherd Office and later submitted to SCE on February 2016. The meeting also adopted 2015 Work Plan and had an open discussion on how to enhance ATCWG cooperation on the APEC projects. All participants acknowledged that project implementation was one of the most important means for ATCWG to fulfil its responsibilities and ATCWG should make endeavours to increase the success ratio of receiving funding for the submitted proposals through enhancing collaboration on cross-cutting issues and anchoring proposals to areas under Rank 1 such as food security.

Section II: Progress on Projects and Other Initiatives

Title	Progress made	Mandate	ECOTECH Priorities	Cross-fora collaboration
Wisdom Agriculture Development and Application Training and Symposium (China self-funded)	The project proposal was submitted to the SCE PD in July of 2016 and was agreed by all ATCWG members through the internal circulation. The Official invitation was sent to all ATCWG and PPFS members in July	Establishing a network/platform for APEC economies and international organizations to communicate, share and discuss advanced technology of wisdom agriculture, policies to expedite wisdom agriculture development, and good case studies on wisdom agriculture research, in order to find possible ways to face with the wisdom agriculture challenges jointly.	<ul style="list-style-type: none"> - Technologies and Innovation - Inclusive Growth - Regional Economic Integration - Sustainable Growth 	Invited PPFS colleagues to attend the workshop
Strengthening Public-Private Partnership to Reduce Food Losses in the Supply Chain (Chinese Taipei, Multi-year APEC Project)	2016 APEC Expert Consultation on Food Loss and Waste at Retail and Consumer Levels” was held on July 18-19, 2016 in Taipei City Workshop on Strengthening Public-Private Partnership to Reduce Food Losses in the Supply Chain will be cohosted by Peru and Chinese Taipei on September 22, 2016 during the Food Security Week in Piura	Addressing post-harvest losses in all stages of the entire food supply chain in the APEC region by strengthening public-private partnership.	<ul style="list-style-type: none"> - Technologies and Innovation - Inclusive Growth - Regional Economic Integration - Sustainable Growth 	The project is a joint project of ATCWG and PPFS. In the 2016 PPFS meeting in Arequipa, a presentation on the progress of the project was made. In addition, members of the PPFS and ABAC have been invited to attend the APEC Food Waste Seminar to be held during the 2016 APEC Food Security Week. ABAC Japan will attend the Seminar.
Creation of “APEC Cold Chains Forum” with the support of Global Cold Chain Alliance, GCCA	“APEC Cold Chains Forum” launched on 1st April, 2016 (http://community.gcca.org/communities/community-home?CommunityKey=e6186548-a57b-4633-b1d0-ae85f0c75eed)	Implementing an agreement in “APEC High Level Public-Private Forum on Cold Chains to Strengthen Global Agriculture and Food Value Chains (ATC 01 2014A)” and creating	<ul style="list-style-type: none"> - Technologies and Innovation - Inclusive Growth - Regional Economic Integration 	Japan has already report this initiative at PPFS and SOM.2

Title	Progress made	Mandate	ECOTECH Priorities	Cross-fora collaboration
(Japan)		a web-based network for interested people to discuss any issues regarding cold chains including policy, technology, and new products	- Sustainable Growth	
Project on ‘Developing Smallholder Inclusive Food Value Chain Models for Local and Global Markets’ (Australia self-funded)	<ul style="list-style-type: none"> •An inception meeting was held in Hanoi, Vietnam in December 2015 which reviewed the project objectives; agreed on a detailed work plan; and discussed data collection and a Comparative Analysis methodology. •A comparative analysis was undertaken by researchers from each of the seven economies. This involved interviews, primary data collection from smallholders, identified companies that work with smallholders, forums, and key stakeholders. •The final workshop was held in June 2016 in Bali, Indonesia. •The final report is currently being drafted and the project is expected to be completed before the end of 2016. 	Producing and testing alternative business models which link multinational food companies with smallholders in partnership with other public and private stakeholders.	<ul style="list-style-type: none"> - Technologies and Innovation - Inclusive Growth - Regional Economic Integration - Sustainable Growth 	NA
Project on “APEC Symposium on Inclusive Business in Agriculture, Forestry and Fisheries for Rural Development and Poverty Alleviation” (Japan self-funded)	A Symposium held in May 8th, 2016 at the margin of SOM2 in Arequipa, Peru	This is a direct response to 2015 Joint Ministerial Statement: in particular, paragraph 51	<ul style="list-style-type: none"> - sharing the basic information about the Inclusive Business - sharing the experience about private company’s activity 	Japan has already reported t about this Symposium at SOM2

2016 SCE FORA REPORT: Counter Terrorism Working Group (CTWG)

Date: 8 September 2016

Summary

1. Main progress and achievements of 2016

In 2016, CTWG continues to work to strengthen security and resilience in the Asia Pacific Region through activities in the four cross-cutting areas of APEC's Counter Terrorism and Secure Trade Strategy namely: secure supply chains, secure travel, secure finance, and secure infrastructure.

CTWG has held two plenary meeting in 2016 (7th CTWG in February and 8th CTWG in August), and held 2 (two) self-funded workshops in the margins of CTWG Meetings. CTWG is also going to have 1 (one) more self-funded workshop for Viet Nam security officers tentatively in October 2016 to prepare for Viet Nam hosting year meeting security.

CTWG has also succeeded in holding the 10th STAR Conference on 20 August 2016 in Lima, Peru with the theme of "Secure Supply Chain in the APEC Region: Challenges and Opportunities" and was attended by more than 100 participants from 19 Economies and Representatives from ABAC. The X STAR Conference picked up "Secure Supply Chain" as the theme of the Conference, as the international supply chain needs to enhance its resilience against the terrorist attacks, to prevent free-rider by terrorist through explosives and firearms smuggling, and prevent terrorists' funding sources.

CTWG had one project funded in Session 1 – 2016 on "APEC Workshop on Strengthening Tourism Business Resilience against the impact of Terrorist Attack" and it is on its preparation phase.

2. Recommendations to SCE/SOM

Nil

Section I: Main Outcome of Plenary Meetings

1. The 7th CTWG Meeting in Lima, Peru, 22 -23 February 2016

- The first meeting of the Counter Terrorism Working Group in 2016 was the 7th CTWG meeting that took place in Swiss Hotel, Lima, Peru, in the margins of SOM1. The meeting was chaired by Mr. Oscar F. Valenzuela, Acting Executive Director of Anti-Terrorism Council-Program Management Center (ATC-PMC) of the Philippines and attended by 18 out of the 21 APEC Member Economies, all except Brunei Darussalam, New Zealand, and Singapore. 61 including APEC Secretariat have been registered as the participants of the 7th CTWG Meeting.
- The main deliberations and decision of the meeting were as follows:
 - (i) Endorsed CTWG Work Plan 2016 that was presented to the SCE1.
 - (ii) 7 (seven) Economies: Indonesia, Papua New Guinea, Peru, The Philippines, Russia, Thailand, Viet Nam presented their Counter Terrorism Action Plan (CTAP) which outlining their Counter-Terrorism domestic efforts and initiatives.
 - (iii) Discussed current threat such as ISIL and Foreign Terrorist Fighters as well as shared valuable information among the group.
 - (iv) Agreed to hold 10th Secure Trade in Asia Pacific Region (STAR Conference) in the margins of SOM3 Meeting in Lima, August, 2016 as a self-funded activity.

- (v) Holding a Major Events Security Framework Capacity Building Workshop as a Canada self-funded event in the margin of CTWG Meeting on 20 – 21 February 2016. The result was reported to the 7th CTWG Meeting.
- (vi) Endorsed Indonesian Concept Note for Project Session 1-2016 submission on “APEC Workshop on Strengthening Tourism Business Resilience against the impact of Terrorist Attack”.

2. The 8th CTWG Meeting in Lima, Peru, 21-22 August 2016

- The 8th CTWG Meeting was the second CTWG Meeting in 2016. The meeting took place in Lima Convention Center (LCC) on 21-22 August 2016 and chaired by Mr. Oscar F. Valenzuela, Acting Executive Director of Anti-Terrorism Council-Program Management Center (ATC-PMC) of the Philippines. Vice chair of CTWG, Mr. James Nachipo was also present at the main table. The meeting attended by 15 out of 21 APEC Economies, all except Canada, Hong Kong, China, Mexico, New Zealand, Singapore, and Thailand. 51 Participants including 2 (two) from APEC Secretariat have been registered as the participants for the 8th CTWG Meeting.
- The main deliberations and decision of the meeting were as follows:
 - (i) Elected new Chair for period of 2017-2018 from Australia.
 - (ii) Endorsed Canada self-funded project Cover Sheet on APEC Major Events Security Planning Workshop to be held in Viet Nam. This 5 day workshop is a capacity building workshop intended for Viet Nam Security Official to prepare securing the APEC 2017 meetings.
 - (iii) Took note an update from Indonesia regarding “APEC Workshop on Strengthening Tourism Business Resilience against the impact of Terrorist Attack” that was successfully approved to obtain APEC fund and will be implemented in Bali on 2017.
 - (iv) Took note of United States self-funded initiative on “Workshop on Secure Travel Follow-on Workshop on Countering Foreign Terrorist Fighter Travel”. The workshop was held on 18 – 19 August 2015 in the margin of 8th CTWG Meeting.
 - (v) Endorsed Chair’s Summary of the 10th Secure Trade in the APEC Region (STAR) Conference submitted by Chair. The conference was successfully hold on 20 August 2016 as a
 - (vi) Noted Peru, Chinese Taipei, Chile and Viet Nam Counter Terrorism Action Plan (CTAP) update.
 - (vii) Took note some other relevant issues to be discussed in the future meeting such as the miss-use of internet and social media for terrorist purposes, Chemical Biological Radioactive Nuclear (CBRN) Materials or export control.
 - (viii) Took note to consider to hold STAR Conference annually if possible taking into consideration host economy available resources. CTWG also considered “secure finance” as the next theme if next year host economy decided to hold STAR Conference.

Section II : Progress on Projects and Other Initiatives

Title	Progress Made	Mandate	ECOTEC Priorities	Cross-Fora Collaboration
<p>“APEC Workshop on Strengthening Tourism Business Resilience against the impact of Terrorist Attack” (CTWG 01 2016A)</p>	<p>The Concept Note was submitted for CTWG endorsement at the 7th CTWG Meeting on 22-23 February 2016. Australia, Papua New Guinea and Chinese Taipei registered for co-sponsors for the project.</p> <p>The project will be implemented in March 2017 with a two-day workshop and is planning to be held in Bali.</p>	<p><u>2015 Tasking Statement for 2016:</u> Plan activities and projects to counter the financing of terrorism, violent extremism, and movement of foreign terrorist fighters</p>	Human Security	Tourism Working Group (TWG)
<p>“Major Events Security Framework (MESF) Workshop” (CTWG 01 2016S)</p>	<p>The Canada self-funded workshop was held in the margin of 7th CTWG Meeting in Lima on 20-21 February 2016 and was part of the 2013 APEC MESF Capacity Building.</p> <p>Through table top exercise conducted during the workshop, participants were able to gain insights in how to employ the lessons learned to support coordinated and collaborative security planning.</p> <p>Participants also obtained an understanding of major event planning, captured lessons learned shared from other economies and developed experience in conducting threat and risk assessments and development of Concept of Operations for major event security.</p>	<p><u>2015 Ministerial Joint Statement:</u> We encourage economies to continue to take collective and individual actions and share best practices in the four cross-cutting areas of APEC’s Consolidated Counter Terrorism and Secure Trade Strategy in order to safeguard the region’s infrastructure, travel, supply chains, and financial systems from terrorism and other illicit activities.</p>	Human Security	None
<p>“Secure Travel Follow-On Workshop on Countering Foreign Terrorist Fighter Travel” (CTWG 02 2016S)</p>	<p>The United States self-funded workshop was held in the margin of 8th CTWG Meeting in Lima on 18-19 August 2016 and was a continuation of the previous 2015 workshop on “Secure Travel Workshop on Countering Foreign Terrorist Fighter Travel”.</p> <p>More than 40 participants were registered to the Workshop from 14 Economies.</p>	<p><u>2015 Tasking Statement for 2016:</u> Continue to implement the Advance Passenger Information and Passenger Name Record (API/PNR) programs to secure and facilitate legitimate travel within the region.</p>	Human Security	Travel Facilitation Initiative (TFI)
<p>“10th Secure Trade in Asia Pacific Region (STAR) Conference” (CTWG 03 2016S)</p>	<p>The 10th STAR Conference was held on 20 August 2016 in Lima, Peru. The theme of the Conference was “Secure Supply Chain in the APEC Region: Challenges and Opportunities”.</p> <p>More than 100 participants attended the Conference from 19</p>	<p><u>2015 Tasking Statement for 2016:</u> Prepare for the holding of the next Secure Trade in the APEC Region (STAR) Conference X</p>	Human Security	SCCP, BMG, TPT and Business People (ABAC).

Title	Progress Made	Mandate	ECOTEC Priorities	Cross-Fora Collaboration
	<p>Economies consisting of officials who are responsible for Counter-Terrorism issues, law enforcement, transportation, customs, Immigration and Border Protection, as well as from business sectors and ABAC.</p> <p>Chair's Summary of the 10th STAR Conference was submitted to SCE3 2016 for information</p>	<p>which aims to secure and enhance the flow of goods and people through measures that protect cargo, ships, international aviation and people in transit.</p>		
<p>"Major Events Security Framework Workshop" for Viet Nam (CTWG 04 2016S)</p>	<p>The Self-funded Concept Note was endorsed at the 8th CTWG Meeting that was presented by Canada as part of MESF Project. This project is intended for Viet Nam security officers as well as relevant official to prepare to host APEC Event in year of 2017.</p> <p>This 5 day workshop is intended for Vietnamese Security officials to provide the participants with the opportunity to discuss the early phases of their security planning with Canadian experts who have the experience with major event security. Table-top exercises using Viet Nam's APEC meeting as the scenario will be included in the workshop.</p>	<p><u>2015 Tasking Statement for 2016:</u> Increase cooperation among APEC member economies to address the dramatic evolution in the nature of terrorist threats and the growth of violent extremism, and to promote the security and resilience of businesses and communities</p>	<p>Human Security</p>	<p>None</p>

2016 SCE FORA REPORT: *Expert Group on Illegal Logging and Associated Trade (EGILAT)*

Date: 19 September 2016

Summary

1. Main progress and achievements of 2016

EGILAT has made progress in implementing the *EGILAT Timber Legality Guidance Template* and the *APEC Common Understanding of the Scope of Illegal Logging and Associated Trade*:

- A number of economies presented their efforts and plans to compile information for the EGILAT Timber Legality Guidance Template.
- Members agreed to further discuss the way forward to implement the two documents, and more presentations from member economies on this topic have been scheduled for the EGILAT meetings in 2017.

EGILAT has also made further efforts to cooperate with relevant APEC fora and other international organizations for synergies:

- The 2nd EGILAT-SCCP Joint Meeting was held in the margin of the 10th EGILAT Meeting.
- A joint workshop between EGILAT and SCCP was agreed to be developed and to be held in 2017.
- A list of law enforcement points of contact for illegal logging issues among forestry agencies, customs and law enforcement bodies was agreed to be developed by most EGILAT members.
- The EGILAT participated in the Pathfinder Dialogue III: Strengthening the Fight against Illicit Trade and Corruption in the margin of the 10th EGILAT Meeting, to share its experience and explore for potential areas of cooperation on combatting forest crime and illegal logging.
- International organizations such as FAO, INTERPOL and the Nature Conservancy attended the EGILAT meetings, and shared their knowledge and discussed possible areas of cooperation with EGILAT members.

EGILAT has made a major breakthrough in applying for APEC funding for projects:

- The first ever APEC-funded project for EGILAT since its establishment was approved at Project Session 1, 2016. The project-based Workshop on Strengthening Forest Control Systems and Market Chains in APEC Economies was held on 15-16 August 2016 in Lima, Peru in the margin of the 10th EGILAT Meeting, with the attendance of 115 participants.
- Another project titled “APEC Public-Private Dialogue with SMEs on Promoting Legal Trade in Harvested Wood Products and Strengthening Supply Chain Connectivity towards Sustainable Growth” has been in-principally approved by the BMC. A project-based event is expected to be held in 2017 in Viet Nam.

2. Recommendations to SCE/SOM

N.A.

Section I: Main Outcome of Plenary Meetings

1. Plenary Meeting A

The 9th EGILAT Meeting was held on 20-21 February 2016 in Lima, Peru. It was chaired by Dr Ruth Turia from Papua New Guinea (Papua New Guinea Forestry Authority) and attended by 15 APEC

economies and 2 invited guests: United Nations Food and Agriculture Organization (UNFAO) and the Nature Conservancy (TNC).

The meeting:

- agreed on *the EGILAT Work Plan 2016* and decided to submit it to the SCE-COW Meeting for endorsement;
- agreed to follow up on the implementation of *the EGILAT Timber Legality Guidance Template* and *the APEC Common Understanding of the Scope of Illegal Logging and Associated Trade*, and invite member economies to present their own experience in developing economy-specific guidelines on timber legality at the 10th EGILAT Meeting, and discuss how those guidelines could be used to fill the EGILAT Timber Legality Guidance Template;
- decided to continue the discussion on the definition of “a preventive approach to illegal logging”, as a complementary tool in combatting this problem and its associated trade inter-sessionally and at the 10th EGILAT Meeting.
- agreed to develop a joint concept note with SCCP on the Customs Workshop on Illegal Logging Issues, which was expected to be held in conjunction with the EGILAT meeting in the margin of SOM1 in 2017 if the APEC funding is secured, and agreed to submit the concept note through SCCP for APEC funding at Project Session 1, 2016.
- endorsed the concept note “Strengthening Forest Control Systems and Market Chains in APEC Economies” proposed by Peru and the concept note “Dialogue on the Involvement of Civil Society and Private Sector/SMEs on Combatting Illegal Logging and Associated Trade towards Sustainable Growth” proposed by Viet Nam, which will be submitted for APEC funding at Project Session 1, 2016.
- agreed to further discuss the development of a list of law enforcement points of contact with the cooperation of SCCP and APEC Anti-Corruption and Transparency Working Group (ACTWG) at the 10th EGILAT Meeting.

2. Plenary Meeting B

The 10th EGILAT Meeting was held on 17-18 August 2016 in Lima, Peru. It was chaired by Dr Ruth Turia from Papua New Guinea (Papua New Guinea Forestry Authority) and attended by 17 APEC economies and 2 invited guests: Brazil and INTERPOL.

The meeting:

- exchanged information among a number of member economies on their progresses and/or plans in compiling *the EGILAT Timber Legality Guidance Template*, and agreed to continue the discussion on this topic at future EGILAT meetings in 2017, and encourage more economies to share their experience and plans on it by then.
- noted the presentations from Brazil and INTERPOL and encouraged member economies to dialogue with them in areas of common interest in the future.
- endorsed the joint Concept Note with the SCCP proposed by the United States for a Workshop on Customs Best Practices to Identify Illegal Timber and Wood Products which should involve other relevant agencies.
- generally agreed (with reservation from one economy) to establish a list of law enforcement points of contact on illegal logging issues as proposed by the United States.
- welcomed the successful staging of the EGILAT Workshop on Strengthening Forest Control Systems and Market Chains in APEC Economies which was held in the margin of the 10th EGILAT Meeting as the first ever EGILAT project, and requested Peru, the workshop organizer, to disseminate the outcomes of the workshop to member economies.
- agreed to develop *EGILAT Work Plan 2017* with the help of a team of core group members which consists of the Chair, the incoming host economy (Viet Nam), the APEC Secretariat

and other volunteered economies: Australia, Canada, Chile, Peru and the United States. Some of the priority areas of the work plan were identified at the meeting.

- decided to have further discussion on the proposal to include “a preventive approach to illegal logging” as a complementary tool in combatting this problem and its associated trade, which is proposed by Peru, encouraged Peru to identify specific projects or activities that can be included into *the EGILAT Work Plan 2017* and conduct bilateral talks inter-sessionally with other economies to develop such projects and activities.
- agreed to develop the EGILAT Strategic Plan 2018-2022 with the help of a team of core group members which consists of the Chair, the incoming host economies, the APEC Secretariat and volunteered economies in 2017. It was decided that the new strategic plan should consider unfinished activities in the Strategic Plan 2013-2017 and members are encouraged to submit their views on elements to be included in the new strategic plan.

Section II: Progress on Projects and Other Initiatives

Title	Progress made	Mandate	ECOTECH Priorities	Cross-fora collaboration
<p>Compiling information for the EGILAT Timber Legality Guidance Template in accordance to the APEC Common Understanding of the Scope of Illegal Logging and Associated Trade</p>	<p>A number of member economies exchanged information on their progresses and/or plans to compile information for the EGILAT Timber Legality Guidance Template in accordance to the APEC Common Understanding of the Scope of Illegal Logging and Associated Trade at the 10th EGILAT Meeting which was held on 17-18 August 2016 in Lima, Peru. Members agreed to continue the work in 2017 and encourage more economies to share their efforts in this field in the future EGILAT meetings.</p>	<p>Endorse <i>the Common Understanding of the Scope of Illegal Logging and Associated Trade</i>, and <i>the Timber Legality Guidance Template</i> developed by the Experts' Group on Illegal Logging and Associated Trade. <u>(2015 AMM Joint Statement)</u></p> <p>Enhance cooperation among APEC economies through the EGILAT to combat illegal logging and associated trade, building on EGILAT's development of <i>the Common Understanding of the Scope of Illegal Logging and Associated Trade</i> and <i>the Timber Legality Guidance Template</i>. <u>(2015 MMRF3 Joint Statement)</u></p> <p>Instruct officials to consider proposals related to information sharing and transparency, and to take concrete actions to combat illegal logging and promote trade in legal wood products. <u>(2014 AMM Joint Statement)</u></p> <p>Invite APEC member economies to compile and share information described in the Timber Legality Guidance Template. <u>(EGILAT Work Plan 2016)</u></p>	<p>Sustainable Growth</p>	<p>The completed EGILAT Timber Legality Guidance will be shared with other relevant APEC fora, such as SCCP, ACTWG, SMEWG, and etc, where appropriate.</p>
<p>Strengthening Forest Control Systems and Market Chains in APEC Economies (EGILAT 01/2016)</p>	<p>The project was approved at Project Session 1, 2016, and a project-based workshop was held on 15-16 August 2016 in Lima, Peru. A number of forestry experts from member economies, international organizations, academia, and non-profit organizations and private sector explored the impact of timber traceability for sustainable development</p>	<p>Enhance cooperation among APEC economies through the EGILAT to combat illegal logging and associated trade, promote trade in legally harvested forest products, and build capacity. <u>(2015 MMRF3 Joint Statement)</u></p> <p>Reaffirm commitment to promote trade in legal timber, legally harvested wood and wood products and combat illegal logging and associated trade. <u>(2014 AMM Joint Statement)</u></p>	<p>Sustainable Growth SMEs Technologies and Innovation</p>	<p>N.A.</p>

Title	Progress made	Mandate	ECOTECH Priorities	Cross-fora collaboration
	of SMEs and communities; shared their experiences and best practices in timber traceability; and discussed legal and logic science for forest law enforcement, governance and timber traceability for trade.	<p>Strengthen private sector investment in sustainable forest management across the APEC region, along with access to better technology and markets, by promoting enabling policy environments that attract investors, including sound forest-related legislation, effective law enforcement and forest governance frameworks, market-based instruments... <u>(2013 MMRF2 Joint Statement)</u></p> <p>Hold a workshop to share experiences and disseminate knowledge on new technologies and approaches designed to assist efforts to assure legal logging and associated trade <u>(EGILAT Work Plan 2016)</u></p>		
EGILAT-SCCP Joint Workshop on Customs Best Practices to Identify Illegal Timber and Wood Products	The updated concept note on the joint workshop was presented and discussed at the 10 th EGILAT Meeting and the 2 nd EGILAT-SCCP Joint Meeting in August 2016 in Lima. Members of both groups agreed to continue working on the content of the workshop, with a view to holding it in the margin of SOM3 in 2017. A further updated concept note will be circulated again for comments later in 2016.	<p>Enhance cooperation among APEC economies through the EGILAT to combat illegal logging and associated trade, promote trade in legally harvested forest products, and build capacity. <u>(2015 MMRF3 Joint Statement)</u></p> <p>Reaffirm commitment to promote trade in legal timber, legally harvested wood and wood products and combat illegal logging and associated trade. <u>(2014 AMM Joint Statement)</u></p> <p>Co-develop a concept note with SCCP to deliver a workshop on customs issues related to preventing and combating illegal logging and associated trade <u>(EGILAT Work Plan 2016)</u></p>	Sustainable Growth	Joint activity with SCCP
A List of Law Enforcement Points of Contact Relating to Illegal Logging and Associated Trade	The proposal was discussed and agreed by most EGILAT members at the 10 th EGILAT Meeting. It was also introduced to SCCP and ACTWG members at the 2 nd EGILAT-SCCP Joint Meeting and the Pathfinder Dialogue. Members of relevant	<p>Enhance cooperation among APEC economies through the EGILAT to combat illegal logging and associated trade, promote trade in legally harvested forest products, and build capacity. <u>(2015 MMRF3 Joint Statement)</u></p> <p>Reaffirm commitment to promote trade in legal</p>	Sustainable Growth	Cooperate with ACTWG and SCCP

Title	Progress made	Mandate	ECOTECH Priorities	Cross-fora collaboration
	groups will continue working on it. A further updated proposal will be circulated later for members' consideration.	<p>timber, legally harvested wood and wood products and combat illegal logging and associated trade. <u>(2014 AMM Joint Statement)</u></p> <p>Develop and share a list of law enforcement points of contact from each APEC economy on illegal logging <u>(EGILAT Work Plan 2016)</u></p>		
APEC Public – Private Dialogue with SMEs on promoting legal trade in harvested wood products and strengthening supply chain connectivity towards sustainable growth	The concept note of the project has been in-principally approved by the BMC at Project Session 2, 2016. The project-based event is scheduled in 2017 in Viet Nam.	<p>Recognize the efforts of the private sector in sustainable forest management and support their efforts through appropriate policy frameworks. <u>(2015 MMRF3 Joint Statement)</u></p> <p>Reaffirm commitment to promote trade in legal timber, legally harvested wood and wood products and combat illegal logging and associated trade. <u>(2014 AMM Joint Statement)</u></p> <p>Strengthen private sector investment in sustainable forest management across the APEC region, along with access to better technology and markets, by promoting enabling policy environments that attract investors, including sound forest-related legislation, effective law enforcement and forest governance frameworks, market-based instruments... <u>(2013 MMRF2 Joint Statement)</u></p> <p>Hold a public-private sector dialogue with SMEs to inform the development of best practices to combat illegal logging and associated trade and promoting trade in legal forest products <u>(EGILAT Work Plan 2016)</u></p>	Sustainable Growth SMEs	Potential collaboration with SMEWG

2016 SCE FORA REPORT: *Emergency Preparedness Working Group (EPWG)*

Date: 9 September 2016

Summary

1. Main progress and achievements of 2016

EPWG continues to play an important role in building the capacity of its member economies to better mitigate, prepare for, and respond to and recover from emergencies and natural disasters as well as strengthening cooperation between the emergency preparedness focal point officers among member economies. In particular in facing the “new normal” phenomenon as the Asia Pacific region is situated in the pacific ring of fire, it is crucial that member economies have the capability in minimizing the losses and ensure that the communities have the support to overcome adversity and build back better.

In 2016, the EPWG held two plenary meetings: 9th EPWG in February and 10th EPWG in August.

EPWG also held 2 (two) self-funded workshops in the margins of 10th EPWG Meetings in August 2016, namely Workshop on Tsunami Disaster Risk Reduction in APEC Economies (Japan Self-Funded) and Workshop on Operationalizing APEC Guidelines on Appropriate Donations Best Practices, Approaches and Strategies (USA Self-Funded).

EPWG is also scheduled to implement 1 (one) APEC Workshop on “Strengthening Public Alert and Early Warning Capacity” to be held back to back with the 10th Senior Disaster Management Officials Forum (SDMOF) in Iquitos, Peru on 8-9 October 2016.

It is planned that during the 10th SDMOF, the forum will deliver the Action Plan to implement the APEC Disaster Risk Reduction Framework as has been mandated by the Ministers at their 2015 Joint Statement. The Action Plan is resulted from cross-fora collaboration and will pave the way towards the operationalization of the APEC DRR Framework.

EPWG updated its Term of Reference in 2016, following the result of Independent Assessment Report in 2015. The ToR was submitted to and endorsed by SCE2.

2. Recommendations to SCE/SOM

EPWG to recommend SCE to encourage cross-fora collaboration in particular to implement the APEC Disaster Risk Reduction Framework.

Section I: Main Outcome of Plenary Meetings

1. 9th Emergency Preparedness Working Group Meeting, Lima, Peru, 20-21 February 2016

The 9th Emergency Preparedness Working Group was held in Lima, Peru, on 20-21 February, 2016. The meeting was Co-chaired by Ms. Kyoko Kondo (Japan) and Dr. Tuan Quang Le (Viet Nam).

There were 35 delegates registered at the meeting from 13 out of the 21 APEC member economies. All except Brunei Darussalam; Hong Kong, Malaysia, Mexico, New Zealand, Russia, Singapore, and Thailand. The meeting was also attended by 2 Guests Participant from APEC Climate Center (APCC) and World Food Program.

Outcome of the meeting:

- Agreed to start working on the draft Action Plan to implement the APEC Disaster Risk Reduction Framework (APEC DRRF).
- Took note the outcome of APEC funded project “Application of Big Data and Open Data to Emergency Preparedness Phase 1” and endorsed its completion Report.

- Took note the result of workshop on Community-Based Disaster Risk Management in Response to Climate Change.
- Took note the update on APEC co-funded with the United States Project on the “Strengthening Public Alert and Early Warning Capacity Project”.
- Took note the update on self-funded project on “Appropriate Donations Communications Toolkit”. The toolkit is designed as a practical guide to improve public outreach to increase awareness of appropriate donation during the aftermath of disasters.
- Considered the proposal to establish the Emergency Preparedness Capacity Building Center (EPCC).
- Took note Australian initiative to promote Business Continuity Planning (BCP) within the APEC economies and among targeted government agencies.
- Considered 2 (two) Concept Notes for Project Session 1 – 2016: (i) “Dialogue on Women and Vulnerable Groups’ Engagement in Building Disaster Risk Resilience to Achieve Sustainable Growth; (ii) 10th Senior Disaster Management Officials Forum with the theme of “Disaster Risk Reduction and Supply Chain Resiliency for Food Security”.
- Took note the works on other related fora as part of an effort to increase cross-fora collaboration, such as: (i) CTI activity on “Enhancing Resilience of Global Value Chains (GVC) to Natural Disaster; (ii) Transportation WG (TPTWG) activity on “Building Resilient Responders and Organizations to Improve the Resilience Global Supply Chains”; (iii) Energy Working Group on Energy Resilience Task Force; (iv) SCCP work on 5 (five) APEC Principles for the Movement of Humanitarian Goods and Equipment during Emergency; (v) SMEM work on “Multi-Year Project (MYP): Improving Natural Disaster Resilience of APEC SMEs to Facilitate Trade and Investment”.

2. 10th Emergency Preparedness Working Group Meeting, Lima, Peru, 15-16 August 2016

The 10th Emergency Preparedness Working Group was held in Lima, Peru on 15–16 August 2016. The meeting was co-chaired by Ms. Kyoko Kondo (Japan) and Dr. Tuan Quang Le (Viet Nam).

There was 49 Delegates registered to the meeting from 13 APEC Economies namely: Australia, Chile, China, Indonesia, Japan, Korea, Peru, Philippines, Russia, Chinese Taipei, Thailand, United States, Viet Nam. The meeting was also attended by 1 Guest Participant from INBAR as well as Senior Finance Ministers Process (SFOM) from Peru.

Outcome of the meeting:

- Discussed agenda of the 10th Senior Disaster Management Officials Forum (SDMOF) to be held in Iquitos, 8-9 October 2016. The forum will focus on “Emergency Preparedness for Supply Chain and Emergency Food Security” issue.
- Took note the outcome of two workshops held under Australia’s initiative on “Strengthening Governments’ Role in Promoting Business Continuity Planning”.
- Took note the Concept Note submitted for Project Session 2 – 2016 on Enhancing Rural Disaster Resilience through Effective Infrastructure Investment that was endorsed intersessionally by the group.
- Took note of some major disaster events in APEC Region as well as effective policies and measures undertaken as a response to the disasters.

- Took note the briefing made by Chair of Senior Finance Officials meeting (SFOM) regarding SFOM Process related to disaster Risk Reduction Financing, as part of increasing cross-fora collaboration.
- Took note of the compilation of Good Practices on Enhancing Resilience of GVCs to Natural Disaster as the result of APEC Capacity Building Seminar on Enhancing Resilience of GVCs to Natural Disasters held in Tokyo, Japan on March 14th – 16th 2016.
- Agreed to work intersessionally on to update the EPWG Strategic Plan for 2017-2020.

Section II: Progress on Projects and Other Initiatives

Title	Progress made	Mandate	ECOTECH Priorities	Cross-fora collaboration
EPWG 02 2015A – Strengthening Public Alert & Early Warning Capacity	<p>The project survey & analytical report was distributed for EPWG information and feedback on 1 September 2016.</p> <p>For phase two, the workshop is planning to be held in Iquitos, Peru on 6-7 October 2016. Invitation was send out to member economies including nomination form for funding.</p>	<p><u>2015 Tasking Statement:</u> Strengthen early warning systems for climate resilient development and adaptation to climate change, including the provision of reliable climate information and development of application techniques by utilizing the most advanced scientific technologies.</p>	<ul style="list-style-type: none"> - Human Capital Development - Technologies and Innovation - Human Security 	
Workshop on Operationalizing APEC Guidelines on Appropriate Donations Best Practices, Approaches and Strategies	<p>Self-funded Initiative Concept Note was endorsed by the group for Project Session 1 -2015</p> <p>Workshop was held in the margins of the 10th EPWG Meeting on 17-18 August 2016.</p> <p>Outcome of the workshop is draft “Promoting Appropriate Donations in APEC Communication Toolkit” which provides guidance on a range of practical issues on how to conduct media outreach and develop an appropriate donations communications strategy, how to leverage social media in the outreach, and techniques for working with local media to release public service announcements (PSAs). Currently draft is distributed to EPWG for feedback and endorsement</p>	<p><u>2015 Joint Ministerial Statement</u> Consistent with the areas for cooperation identified in the APEC DRR Framework, we emphasize the growing need for cooperation on disaster risk reduction, including through strengthening early warning systems, search and rescue, post-disaster recovery, as well as promoting business continuity planning, initiating the trade recovery communications system, <u>promoting appropriate donations after disasters</u>, and fostering community-based disaster risk management to ensure that communities can economically recover and supply chains can be restored.</p>	<ul style="list-style-type: none"> - Human Capital Development - Technologies and Innovation - Human Security 	
Workshop on Tsunami Disaster Risk Reduction in APEC Economies	<p>The self-funded cover sheet was endorsed by the group on 11 July 2016.</p> <p>Workshop was held in the margins of the 10th EPWG Meeting on 16 August 2016.</p> <p>Workshop outcomes were among others: (1) identified the status of anti-tsunami policies and measures in member economies, (2) identified major challenges to be addressed by EPWG and (3) the need to strengthen partnership with private sector in promoting anti-tsunami measures.</p>	<p><u>2016 Leaders Statement:</u> To build sustainable and disaster-resilient economies.</p>	Human Security	
10 th Senior Disaster Management Officials Forum (Self-Funded Initiative)	<p>10th SDMOF will be held in Iquitos, Peru as part as host economy self-funded initiative on 8-9 October 2016.</p> <p>Agenda and schedule of the forum are currently under discussion among member economies within the EPWG.</p> <p>It is planned that the Action Plan to implement the APEC DRR Framework will also be introduced to the forum for further submission to the Ministers.</p>	<p><u>2015 Joint Ministerial Statement:</u> We call for the conduct of regular high level policy dialogues or other higher options for APEC engagements focusing on DRR.</p>	<ul style="list-style-type: none"> - Human Capital Development - Technologies and Innovation - Human Security 	PPFS, SFOM

2016 SCE FORA REPORT: *Energy Working Group (EWG)*

Date: *September 2016*

Summary

1. Main progress and achievements of 2016

The Energy Working Group's (EWG) Work Plan incorporates guidance from APEC Economic Leaders, Ministers and Energy Ministers to form a solid foundation for the EWG work program. The EWG's work plan responds to specific priorities from Leaders and Ministers on areas such as promoting energy security, developing clean and renewable energy, inefficient fossil fuel subsidy reform, enhancing energy efficiency, and low-carbon development for sustainable growth.

The themes of energy security, clean energy development and deployment, energy efficiency, and sustainable growth continued to be prominent in the Energy Working Group's activities, including the work of EWG's six sub-fora: (1) Expert Group on Energy Efficiency and Conservation (EGEEC); (2) Expert Group on New and Renewable Energy (EGNRET); Expert Group on Energy Data and Analysis (EGEDA); Expert Group on Clean Fossil Energy (EGCFE); Low Carbon Model Town Taskforce (LCMTTF); and the Energy Resiliency Taskforce (ERTF). The EWG has increased its focus on responding to natural and man-made resiliency challenges for energy infrastructure and networks, including those related to climate change. Capacity building activities to improve the analytical, technical, operational and policy capacity of APEC economies have continued through workshops, information exchanges, training, best practice guides, peer reviews and other activities.

During the reporting period (i.e., between September 2015 to August 2016)

17 EWG Projects were completed
 38 EWG Projects commenced
 38 EWG Reports were published on the APEC website
 22 EWG Project workshops were held
 4 EWG Peer Reviews were held
 12th Energy Minister's Meeting and a Ministers-Energy CEOs Dialogue held
 2 EWG plenary and 9 EWG Sub-fora meetings were held

Other highlights include:

- The APEC Energy Outlook 6th Edition published in May 2016.
- Energy Resilience Task Force created.
- Energy Smart Communities Initiative (ESCI) 2015 Best Practice Awards granted.
- Internal EWG project review processes were implemented to institute greater discipline in project proposal development and ensure proposals match the goals and priorities of APEC Leaders, Ministers and the EWG Strategic Plan.
- Following presentations at EWG50 in support of their applications, EWG granted three year guest status to the World Energy Council and declined the Energy Charter Treaty Secretariat's application for guest status. EWG also received two further 3 year guest applications from South Asian Association for Regional Cooperation (SAARC) and Pakistan respectively, which were invited to attend EWG51 to make presentations on their applications.
- EWG, its sub-fora and project activities benefited from the valuable inputs from external partners such as (EWG 3-year guests) the International Copper Association, the World Energy Council and the International Energy Agency, as well as a large number of other private sector and international organisations, such as the Collaborative Labelling and Appliance Standards Program (CLASP), the International Renewable Energy Agency (IRENA), and the International Energy Forum (IEF). See Section II for further information on external collaboration in projects.

2. Recommendations to SCE/SOM

SCE to note EWG progress since last report.

Section I: Main Outcome of Plenary Meetings

1. EWG 50

The 50th Energy Working Group meeting was held in Honolulu, Hawaii on 14-18 December 2015. It was chaired by EWG Lead Shepherd Dr Phyllis Yoshida and attended by 14 APEC Economies and 4 official guests.

Several key decisions were taken by members at this meeting including:

- EWG would partner with the Clean Energy Ministerial 'Global Lighting Challenge' campaign.
- Energy Smart Communities Initiative 2015 Awards were presented to winners.
- Submission of Completion Reports was made mandatory for all EWG Self-funded Projects.
- Following presentations on each project, members endorsed and scored 17 Concept Notes for Session 1, 2016.
- EWG projects were agreed would link more strongly with the Energy Smart Community Initiative's Knowledge Sharing Platform.

2. EWG 51

The 51st Energy Working Group meeting was held in Canberra, Australia on 14-18 December 2015. It was chaired by EWG Lead Shepherd Dr Phyllis Yoshida and attended by 18 APEC Economies and 2 official guests.

Key decisions taken by members at this meeting included:

- EWG to start work on a 'vision post-2020' APEC energy agenda to feed into the SOM level post-2020 discussions including energy activities related to climate mitigation.
- EWG's Expert Group on Clean Fossil Energy to revise its terms of reference and interested members to revitalise activities, including a greater emphasis on natural gas.
- Established an APEC Cooperative Network for Low-Carbon and Energy-Efficient Cities and a parallel services network of companies and research bodies.

Intersessionally members:

- Supported EWG project approval and implementation in accordance with APEC Guidelines, including through active discussion and screening of concept notes, participation in Quality Assessment Framework (QAF) process, tender (RFP) evaluations, nomination of expert speakers and participants for workshops, review and approval of project publications and project completion reports.
- Coordinated with other APEC working groups on energy projects, for instance SCSC, TPTWG, PPSTI.
- Approved the 2016 Workplan for presentation to SCE.

Section II: Progress on Projects and Other Initiatives

(Projects in implementation during the period Sept 2015 - Aug 2016)

Title	Progress made	Mandate	ECOTECH Priorities	External and Cross-fora collaboration
<u>APEC-funded Projects</u>				
1 APEC Peer Review on Low-Carbon Energy Policies (PRLCE), Phase 3 (EWG 01 2014A)	Projects are variously sharing and developing reviews of actual and best practices, providing technical and policy guidance etc. Please see the Project Database for further information.	Energy Ministers (2015) and APEC Ministers (AMM) have called for APEC action to promote energy security, energy resiliency and low carbon energy development.	Sustainable Growth Human Security	Centre for Energy and Environmental Markets (CEEM) University of NSW, (Australia); Chinese Renewable Energy Industries Association (CREIA); Green Energy & Environment Laboratories (GEL), Industrial Technology Research Institute (ITRI) (Chinese Taipei); Climate Experts. Ltd. (Japan)
2 Technical Reference on Harmonisation of Energy Efficiency Test Methods of Refrigerators Toward the New IEC 62552 among APEC Region (EWG 04 2014A)			Sustainable Growth Human Security	Vkan Certification& testing Co.Ltd (China); Global Government Affairs Manager, UL LCC USA
3 APEC Low Carbon Model Town (LCMT) Project, Phase 5 (EWG 06 2014A)			Sustainable Growth Human Security	
4 Realization of APEC Low Carbon Model Town through Smart Grid Development (EWG 07 2014A)			Sustainable Growth Human Security	Fuji Electric Co., Ltd. Japan FOMM Corporation, Japan
5 Water-Energy Nexus: Coal-Based Power Generation and Conversion - Saving Water (EWG 08 2014A)			Sustainable Growth Human Security	
6 APEC Low-Carbon Model Town (LCMT) Project, Phase 6 (EWG 01 2015A)			Sustainable Growth Human Security	RMIT University and Energy Efficiency Consultant-Co, Australia Tianjin University, China Nikken Sekkei Research Institute, Japan Efficient Energy International, New Zealand Bright Management Consulting Co Ltd, Thailand

Title	Progress made	Mandate	ECOTECH Priorities	External and Cross-fora collaboration
APEC Nearly (Net) Zero Energy Building Best Practices and Energy Reduction Results Comparative Study (EWG 02 2015A)			Sustainable Growth Human Security	National Green Building Center Korea Institute of Civil Engineering and Building technology, Korea Nagoya City Univerisity, Japan Lawrence Berkeley National Laboratory, USA China Academy of Building Research, China NSERC Smart Net-zero Energy Buildings Strategic Research Network, Canada Zero Carbon Building Limited, Hong Kong, China RMIT University and Lead/Co Lead UN 10FYP SBC Programme, Australia
8 APEC Peer Review on Energy Efficiency (PREE), Phase 5 (Follow-Up PREE) (EWG 03 2015A)			Sustainable Growth Human Security	
9 Enhancing Regional Conformity Assessment to Ensure Successful ISO 50001 Standard Outcomes (EWG 04 2015A)			Sustainable Growth Human Security	
10 Workshop on Experiences and Plans to Double Renewable Energy Utilisation by 2030 in the APEC Region (EWG 05 2015A)			Sustainable Growth Human Security	Renewable Energy Policy Network for the 21st Century (REN21), France Electric Power Research Institute (EPRI) , USA Energy Environmental Economics (E3), USA International Solar Energy Society

Title	Progress made	Mandate	ECOTECH Priorities	External and Cross-fora collaboration
11 Establishing Lighting Best Practices and Educational Programs to Achieve Deep Energy Saving - An APEC Regional Collaboration with University Lighting Centers and Research Institutions (EWG 06 2015A)			Sustainable Growth Human Security	Sacramento Municipal Utility District USA; Hong Kong Energy Conservation Association; Hong Kong, China Lux Pacifica Association of Lighting Societies; Australia Aurecon Group, Sydney, Australia International Association of Lighting Designer-Japan; Japan California Lighting Technology Center; USA Tongji University / China IES; Tsinghua Urban Planning & Design Institute; China Dalian Polytechnic University, China IEN Consultant; Malaysia IEN Consultant; Malaysia ASHRAE Regional (Asia); Indonesia PT LUMINA ARSI DINAMIKA; Indonesia Light Plan Inc.; The Philippines Singapore Lighting Design and Technology Centre (NTU), Singapore Singapore Lighting Design and Technology Centre (NTU), Singapore

Title	Progress made	Mandate	ECOTECH Priorities	External and Cross-fora collaboration
APEC Water-Energy Nexus Expert Workshop (EWG 07 2015A)			Sustainable Growth Human Security	
13 Roadmap to Promote Transfer and Dissemination of Clean Coal Technologies in APEC Region (EWG 08 2015A)			Sustainable Growth Human Security	
14 Workshop on Improving Energy Resiliency in Off-Grid Areas in APEC Economies (EWG 09 2015A)			Sustainable Growth Human Security	Chiang Mai Rajabhat University; Thailand Stockholm Environment Institute (SEI) - US Center; USA World Bank - Washington D.C; USA European Union (EU) Delegation to the Philippines Center for Appropriate Taechnology; Australia World Bank - Bangkok Office
15 Capacity Building on Strategies and Implementation of Low-Carbon Town in APEC Economies (EWG 10 2015A)			Sustainable Growth Human Security	Asian Institute of Technology, Thailand; Harbin Institute of Technology; China Royal Melbourne Institute (RMIT) University; Australia ASEAN Energy; Tongji University (China) ; Dalian YiDa group ECADI
16 APEC Low Carbon Model Town Solar Photovoltaic Agricultural Development Mode Study (EWG 11 2015A)			Sustainable Growth Human Security	
17 Ethanol Trade Development as Part of APEC's Renewable Fuel Strategy (EWG 12 2015A)			Sustainable Growth Human Security	Tung Lam Ltd. Company; Vietnam Biofuels Association of Australia; Australia American Institute; Chinese Taipei Marquis Energy; USA

Title	Progress made	Mandate	ECOTECH Priorities	External and Cross-fora collaboration
18 Power Generation with Groundbreaking Biomass Fuel Cell Technology (EWG 13 2015A)			Sustainable Growth Human Security	Doosan Fuel Cell, Korea; Tongji University, China; Taiwan Fuel Cell Partnership, Chinese Taipei; Korea Hydrogen Industry Association, Korea; Toshiba Corp, Japan; Nissan Corp, Japan; Hydrogenics Corp, Canada; SOFCMAN Energy Technology Co., Ltd., China; Sunrise Power Corp, .China; CAE, China; Fuel Cell and Hydrogen Energy Association, USA; Georgia Institute of Technology, USA; Dalian Institute of Chemical Physics (DICP), China; Sunfire GmbH, Germany Tsinghua University, China; Toyota, Japan; Daimler, Germany; Hyundai's FCEV; Korea US Hybrid, USA; National Institute of Clean-and-Low Carbon Energy, China; Honda, Japan
19 Small and Medium PV System Database in the APEC Region (EWG 14 2015A)			Sustainable Growth Human Security	

Title	Progress made	Mandate	ECOTECH Priorities	External and Cross-fora collaboration
APEC Workshop on Promoting the Development of Wind Energy, Phase 2 - Public-Private Partnership for Wind Energy Development (EWG 15 2015A)			Sustainable Growth Human Security	University of Hawaii, Lead for Clean Energy Solutions, USA General Electric, Renewable Energy Generation Systems; USA New Zealand Wind Energy Association, New Zealand Partner at Perkins Coie LLP, USA New Energy Foundation (NEF) , Japan Institute of Energy, Vietnam Quang Trung International Energy Consultancy Ltd, Vietnam MOG Engineering, Vietnam Rajamangala University of Technology Thanyaburi (RMUTT), Thailand
21 APEC Workshop on Promoting the Development of Biomass Energy (EWG 16 2015A)			Sustainable Growth Human Security	US DOE Berkeley National Lab, University of California, USA Kasetsart Agricultural and Agro-industrial Product Improvement Institute, Kasetsart University, Thailand Institute of Engineering Thermophysics, Chinese Academy of Sciences, China Bioenergy Association, New Zealand Institute of Energy, Vietnam Quang Trung International Energy Consulting company Ltd, Vietnam Organisation for Economic Co-operation and Development (OECD)
22 Promoting Safety in Using Renewable Energy (EWG 17 2015A)			Sustainable Growth Human Security	

Title	Progress made	Mandate	ECOTECH Priorities	External and Cross-fora collaboration
23 A Comparative Study on Multi-Field Applications of Building-Mounted PV (BMPV) in the APEC Region (EWG 18 2015A)			Sustainable Growth Human Security	University New South Wales, Australia Asian Institute of Technology, Thailand The New Energy and Industrial Technology Development Organization, China Power Solutions Group, China National Engineering Research Centre for Human Settlements, China
24 APEC Fossil Fuel Subsidy Reform Capacity Building Workshop (EWG 19 2015A)			Sustainable Growth Human Security	Health and Human Services, USA International Institute for Sustainable Development (IISD), Geneva, Switzerland ICF International, Washington DC, USA National Renewable Energy Laboratory (NREL) Program, Colorado, USA International Monetary Fund, Washington DC, USA New Zealand Review, New Zealand OECD, Paris, France World Bank, Jakarta, Indonesia
25 APEC Public-Private Dialogue on Promoting Trade and Investment in Renewable and Clean Energy (EWG 20 2015A)			Sustainable Growth Human Security	San Jose City I Power Corporation, the Philippines The Blue Circle, Singapore Independent Consultants, Netherlands Argus Consulting Services, Singapore China Energy Storage Alliance (CESA), China Guanghuipuhui Energy Technology Ltd, China SME Association, Vietnam
26 Long Term Reliability Study of PV Systems for Installation on Islands (EWG 21 2015A)			Sustainable Growth Human Security	

Title	Progress made	Mandate	ECOTECH Priorities	External and Cross-fora collaboration
Developing Solar-Powered Emergency Shelter Solutions (SPESS) as an Energy Resiliency Tool for Natural Disaster Relief in APEC Community (EWG 22 2015A)			Sustainable Growth Human Security	Tianjin University, Cina Tianjin Urban & Rural Construction Commission School of Architecture, Tianjin University, China Tianjin University Research Institution of Architectural Design & Urban Planning, China China Council for the Promotion of International Trade Machinery Sub-council, China Beijing Auto Square Exhibition Co., Ltd, China Strategy Center, China Academy of Building Research, China Victoria University, New Zealand ANU Energy Change Institute, Australia
28 Best Practices for Developing the Green Energy Smart Farm in the APEC Region (EWG 23 2015A)			Sustainable Growth Human Security	PT. Prima Gasifikasi Indonesia (PGI) Indonesia Chiang Mai Rajabhat University Thailand National Chung Hsing University Chinese Taipei National Chung Hsing University Chinese Taipei Green Energy Development Center, FCU Chinese Taipei Aerospace Industrial Development Corp. Chinese Taipei Agriculture Mission Fellowship Chinese Taipei Agency for the Assessment and Application of Technology (BPPT) Indonesia ASEAN-U.S. Science and Technology Renewable Energy Research Centre (RERC) Malaysia ASEAN-U.S. Science and Technology Renewable Energy Research Centre (RERC) Malaysia Tung Lam Ltd. Co. Vietnam Tung Lam Ltd. Co. Vietnam

Title	Progress made	Mandate	ECOTECH Priorities	External and Cross-fora collaboration
29 Case Studies on the Best Practices of Wind Energy Development in APEC Region (EWG 24 2015A)			Sustainable Growth Human Security	Institute of Energy, Vietnam University of Hawaii, Lead for Clean Energy Solutions, USA New Zealand Wind Energy Association, New Zealand Rajamangala University of Technology Thanyaburi (RMUTT), Thailand Asian Development College for Community Economy and Technology, Chiang Mai Rajabhat University, Thailand Viet Nam National University, Vietnam OECD
30 Strategy for Large-Scale Implementation of Biogas Capture from Palm Oil Mill Effluent and Reuse for Renewable Electricity Generation (EWG 25 2015A)			Sustainable Growth Human Security	
31 Gaps Assessment on APEC Energy Efficiency and Conservation Work toward Fulfilling the Leaders' Energy Intensity Reduction Goal (EWG 01 2016A)			Sustainable Growth Human Security	
32 APEC Low-Carbon Model Town (LCMT) Project, Phase 7 (EWG 02 2016A)			Sustainable Growth Human Security	
33 Study on the Cost-Effective Renewable Energy-Supply Solutions based on Innovative Solar Technologies to Promote Green Buildings in APEC Region (EWG 03 2016A)			Sustainable Growth Human Security	
34 Research on Energy Storage Technologies to Build Sustainable Energy Systems in the APEC Region (EWG 04 2016A)			Sustainable Growth Human Security	
35 Reducing Losses in Power Distribution through Improved Efficiency of Distribution Transformers (EWG 05 2016A)			Sustainable Growth Human Security	
36 Experience Sharing Workshop on the Five Years Construction of the First Low-Carbon Model Town-Yujiapu CBD (EWG 06 2016A)			Sustainable Growth Human Security	
37 Off Grid Electrification Option for Remote Regions in APEC Economies (EWG 07 2016A)			Sustainable Growth Human Security	
38 Workshop to Develop Qualified Product Lists for High-Quality and High Efficiency Commercial, Industrial, and Outdoor Lighting Products and Control Systems in the APEC Region (EWG 08 2016A)			Sustainable Growth Human Security	
39 Promoting Innovative Green Financing Mechanisms for Sustainable Urbanization and Quality Infrastructure Development in APEC Region (EWG 09 2016A)			Sustainable Growth Human Security	

Title	Progress made	Mandate	ECOTECH Priorities	External and Cross-fora collaboration
<u>Self-funded Projects</u>				
1 2014 APEC Workshop on Biodiesel Application Experiences (EWG 01 2014S)	Projects are variously sharing and developing reviews of actual and best practices, providing technical and policy guidance etc. Please see the Project Database for further information.	Energy Ministers (2015) and APEC Ministers (AMM) have called for APEC action to promote energy security, energy resiliency and low carbon energy development.	Sustainable Growth Human Security	
2 Cyber-Energy Nexus Study: Opportunities, Challenges and Best Practices for Smart Energy Technology (EWG 02 2014S)			Sustainable Growth Human Security	
3 Clean and Efficient Use of Energy and Water Resources: Initiating an APEC Road Map and Best Practices for the Energy-Water Nexus (EWG 03 2014S)			Sustainable Growth Human Security	
4 APEC Conference on Energy Smart Communities (EWG 04 2014S)			Sustainable Growth Human Security	
5 APEC Forum: Promoting Energy Efficiency and Low Emissions at Coal-fired Power Plants (EWG 05/2014S)			Sustainable Growth Human Security	
EWG 06 2014S APEC Oil and Gas Security Studies _ Oil and Gas Security Initiative: 2014-2015				International Energy Agency (IEA) ASEAN Centre for Energy (ACE) ASEAN Council on Petroleum (ASCOPE) The Heads of ASEAN Power Utilities/Authorities (HAPUA) Economic Research Institute for ASEAN and East Asia (ERIA) PHILIPPINES (Academe)
6 Is Nuclear Power Still a Viable Option for the APEC Region? (EWG 01 2015S)			Sustainable Growth Human Security	
7 Energy and Economic Competitiveness (EWG 02 2015S)			Sustainable Growth Human Security	
8 2015 Energy Smart Community Initiative (ESCI) Best Practices Awards Program (EWG 03 2015S)			Sustainable Growth Human Security	Asian Development Bank OECD World Energy Council
9 Conference on APEC Regional LNG Trade Facilitation (EWG 04 2015S)			Sustainable Growth Human Security	
10 Energy Efficiency Policy Workshop (EWG 05 2015S)	Sustainable Growth Human Security			

Title	Progress made	Mandate	ECOTECH Priorities	External and Cross-fora collaboration
11 APEC Initiative for Enhancing the Quality of Electric Power Infrastructure (EWG 06 2015S)			Sustainable Growth Human Security	EDL Department of Nuclear and Fossil Power Project, Taiwan Power Company Gisborne Airport, Eastland Networks and Eastland Port Alpine Energy Limited Korea Electric Power Corporation (KEPCO) PT Indonesia Power, Saguling Hydro Power Plant World Bank TEPCO Fuel & Power, Incorporated Hitachi, Ltd KPMG AZSA LLC KPMG AZSA LLC Cambodia, General Department of Energy Laos, Ministry of Energy and Mines Myanmar, Ministry of Electric Power Asian Development Bank (ADB) ASEAN Centre for Energy (ACE): ASEAN Power Utilities Authorities (HAPUA) Tokyo Electric Power Company (TEPCO) Mitsubishi Hitachi Power System (MHPS) Control System Security Center (CSSC) KPMG Munich: KPMG AZSA LLC:

Title	Progress made	Mandate	ECOTECH Priorities	External and Cross-fora collaboration
Workshop on the Establishment of a Cooperative Network of Sustainable Cities (CNSC) in APEC Economies (EWG 07 2015S)			Sustainable Growth Human Security	Energy Change Institute, ANU Industrial Technology Research Institute Energy Studies Institute, NUS DNV GL - Energy IMDEA Water University of Jaén University of Kent Nankai University, China Energy Research Institute of State Grid Energy Research Institute of State Grid New Energy Technology Research Institute of State Power Shanghai Institute for International Studies China Northwest Architecture Design and Research Institute Co., Ltd Zhejiang Province Research Institute Energy and Nuclear Technology Tianjin Innovative Finance Low Carbon Institute Tianjin Architecture Design Institute Shunfeng International Clean Energy Limited Golden Concord Holdings Limited China Energy Conservation and Environmental Protection Group (CECEP) Consulting Co., Ltd SinoCarbon Innovation & Investment Construction Consultancy and Pan-
13 APEC Workshop on Best Practice of New and Renewable Energy Development in APEC Region (EWG 08 2015S)			Sustainable Growth Human Security	
14 Asia Pacific Energy Leaders Forum "Delivering Resilient Energy Infrastructure" (EWG 09 2015S)			Sustainable Growth Human Security	
15 APEC Oil and Gas Security Initiative 2016 (EWG 01 2016S)			Sustainable Growth Human Security	ASEAN Centre for Energy ASEAN Council on Petroleum PT PLN (Persero) ASEAN Power Utilities/Authorities Economic Research Institute for ASEAN and East Asia

Title	Progress made	Mandate	ECOTECH Priorities	External and Cross-fora collaboration
16 APEC Workshop on Energy Statistics (EWG 02 2016S)			Sustainable Growth Human Security	Ministry of Mines and Energy, Cambodia Ministry of Energy and Mines, Lao PDR International Renewable Energy Agency (IRENA) International Energy Forum (IEF) United Nations Economic and Social Commission for Asia and the Pacific (ESCAP) Taiwan Research Institute, Chinese Taipei Institute of Energy Economics, Japan
17 Conference on APEC Green Energy Finance (EWG 03 2016S)			Sustainable Growth Human Security	Asian Development Bank OECD World Energy Council Bloomberg New Energy Finance Green Investment Bank KYOCERA Corporation Mizuho Bank

2016 SCE FORA REPORT: APEC Group of Friends on Disability (GOFD)

Date: 9 September 2016

Summary

1. Main progress and achievements of 2016

The APEC Group of Friends on Disability (GOFD) is a new Group that was established in 2015 during SOM2 and its Terms of Reference (TOR) was agreed by SCE3-2015. In 2016 the GOFD stated to implement its mandate. Adopted its Work Plan for 2016 in which indicated same areas for exploring cooperation. For example, Integration of Disability issues across APEC sub-Fora; Participation of Persons with Disability in the internet Economy; advancing employment for persons with disabilities in APEC economies; and encouraging accessibility of APEC meetings. Also, underscored the necessity of strengthening coordination among and across fora.

As it was expected as a deliverable in the Work Plan 2016, the GOFD endorsed 2 self-funded projects by China:

GOFD 01 2016S Promoting participation of Persons with Disabilities in economic activities

GOFD 02 2016S Assistive Devices +Internet Cross-Border E-Commerce Platform.

In addition, the GOFD endorsed the self-funded project "Promoting the employment of persons with disabilities in APEC" submitted by the US in the HRDWG as a cross for a collaboration.

2. Recommendations to SCE/SOM

Section I: Main Outcome of Plenary Meetings

1. Plenary Meeting A

The 2nd Meeting of APEC Group of Friends on Disability (GOFD) met in Arequipa, Peru on May 11, 2016. It was co-chaired by Mr. Wei Mengxin (China) Chair of GOFD, Ms Judith Heumann (USA), 1st Vice Chair and Ms. Cecilia Barbieri (Peru) second vice Chair. Sixteen APEC economies attended the meeting.

GOFD reached consensus on:

Drafting proposals for APEC Secretariat to include the requirement for reasonable accommodations into the Guidelines for Hosting APEC meetings.

Drafting recommendations for the outcome document of 2016 economic leaders' meeting, which will be submitted to SCE before SOM 3.

Decided that the next GOFD meeting will be held in Viet Nam during 2017 APEC SOM2, alongside with HRDWG meeting.

Section II: Progress on Projects and Other Initiatives

Title	Progress made	Mandate	ECOTECH Priorities	Cross-fora collaboration
<p>GOFD 01 2016S Promoting participation of Persons with Disabilities in economic activities</p>	<p>Project in implementation</p> <p>Aimed at upgrading the level and quality of the participation of persons with disabilities in all aspects of regional economic and social activities.</p>	<p>Self-Funded Project by China.</p> <p>Endorsed by GOFD in 2016.</p> <p>In response to 2015 Leaders' Declaration that stated "We welcome the progress of APEC cooperation to enhance economic empowerment of persons with disabilities and encourage further collaboration among member economies in promoting inclusive development."</p> <p>It supports efforts of the APEC GOFD.</p>	<ul style="list-style-type: none"> - Human Capital Development - Inclusive Growth 	
<p>GOFD 02 2016S Assistive Devices +Internet Cross-Border E-Commerce Platform</p>	<p>Project in implementation</p> <p>Aimed to expand the scope of selection of assistive devices for persons with disabilities, facilitate them to find assistive devices tailored to their needs and affordable to them in an effective way, develop the e-commerce industry of assistive devices, and contribute to the economic growth in the Asia-Pacific region due to the huge potential market of the industry</p>	<p>Self-Funded Project by China.</p> <p>Endorsed by GOFD in 2016.</p> <p>In response to 2015 Leaders' Declaration that stated "We welcome the progress of APEC cooperation to enhance economic empowerment of persons with disabilities and encourage further collaboration among member economies in promoting inclusive development."</p> <p>It supports efforts of the APEC GOFD.</p>	<ul style="list-style-type: none"> - Human Capital Development - Technologies and Innovation - Inclusive Growth 	

2016 SCE FORA REPORT: *Human Resources Development Working Group (HRDWG)*

Date: 9 September 2016

Summary

1. Main progress and achievements of 2016

Adopted the HRDWG Annual Work Plan 2016,
Agreed to submit amendments to the HRDWG TOR intersessionally.
Agreed to start working on the HRDWG Strategic Plan 2016-2020. A Draft Committee was established for that.

Adopted the reports of the three networks including the results on the Workshop on Youth Strategies (CBN-LSPN)

Agreed to revise the draft responses to the Independent Assessment recommendations (2014)

Noted of the EC Chair summary report on the HRDWG-EC Symposium on Human Resources Development: Towards a sustainable inclusive and productive development.

Noted of the PPSTI-HRDWG Joint Meeting Summary Report

Discussed the Draft Agenda and the deliverables for the 6th AEMM

Agreed to choose and submit the priority areas for Ministers presentations during the 6AEMM. (Deadline, September 15).

Will submit comments and inputs on the draft agenda for the 6AEMM. As well as on draft statement, initiatives and possible deliverables related to the 6AEMM.

APEC Labour Mobility Framework was discussed. Some economies requested more time to consult on the Non-paper presented by Australia. After further consultations HRDWG members agreed to Australia submitting the draft framework to SOM3 for consideration and directions by Senior Officials.

APEC Framework for Youth Education, Employment and Entrepreneurship was endorsed by the HRDWG (August 26, 2016)

Held 2 HRDWG Plenary Meetings during 2016 (38th and 39rd)

A total of 14 HRDWG projects are in implementation in 2016.

2. Recommendations to SCE/SOM

Section I : Main Outcome of Plenary Meetings

1. 38th APEC Human Resources Development Working Group (HRDWG) Meeting:

The 38th APEC Human Resources Development Working Group (HRDWG) Meeting was held on 07-10 May 2016 in Cerro Juli Convention Center, Arequipa, Peru. It was chaired by the Acting HRDWG Lead Shepherd, Ms Daria Rybakova (Russia) and HRD Co-Lead, Ms Monica Medina from Peru. Members from 20 economies attended the meeting. Similarly, representatives from ABAC, APRU, GOFD and OECD participated in the meeting.

Acting HRDWG Lead Shepherd, Ms. Daria Rybakova emphasized that the HRDWG should enhance the promotion of cross-border cooperation as one objective to improve connectivity among people. Also, acknowledged the job done by the Preparatory Conference for the 6th APEC Education Ministerial Meeting 05-06 May 2016.

Core agenda of APEC Leaders' Meeting 2015: Philippines made a brief presentation of the core agenda of the APEC Leaders' Meeting 2015 and its implications for the HRDWG.

Keynote Speech: Developing Human Capital for Competitiveness: The Executive Director of the National Council of Competitiveness, Ministry of Economy and Finance of Peru underscored the importance of encouraging productive education and innovation as fundamentals of competitiveness.

Cross-fora cooperation perspectives: ABAC proposed to give further input to the valuable initiative of

building a more accurate region skills map and use that as a platform to get more focus on vocational training and education in each economy so they can take more advantage of this and satisfy needs of economies. GOFD recommended economies to include issues in disabilities on their agendas and support the GOFD project to expand the job opportunities for people with disabilities. United States and Russia offered their collaboration to participate in further research and cooperation projects, respectively.

Discussion Points for a Joint PPSTI-HRDWG meeting: Peru proposed to hold a half-day joint meeting between the PPSTI and the HRDWG in the margins of SOM3, as a first step to advance on the results and recommendations of the 2015 High Level Policy Dialogue on Science and Technology in Higher Education, and for discussion cross-cutting issues and making synergies in cross-fora projects.

Message of support to the APEC Process: Economies acknowledged the message of support from the representative of the APRU and OECD.

The 6 AEMM progress report: Peru, Russia and EDNET Coordinator made a brief summary of the outcomes of the preparatory work for the 6th APEC Education Ministers Meeting (AEMM), regarding the adoption of the general theme and sub-themes of the logic model, the several initiatives and side events proposed by member economies for the preparation of the 6th AEMM; and the progress on working documents such as the APEC Education Strategy, the Baseline Report on Current Education Status in Asian-Pacific Region and the ECP report.

HRD Action Plan 2015-2018 Progress Report in Pursuit of the HRD Ministerial Meeting: it was presented by CBN Coordinator, Ms. Meng Liang Tsai, and LSPN Coordinator, Mr. Malcolm Greening who highlighted a role of youth employment and underlined significance of Joint Meeting between the CBN and the LSPN as a great input for The HRD Action Plan 2015-2018 is currently collecting relevant best practices and strategies in supporting inclusive and sustainable growth, mobility and skills development, among others.

Initiatives for consideration

Korea presented the “APEC Initiative for Boosting Youth Employment and Entrepreneurship” and Malaysia delivered a presentation related to the “APEC Internship and Youth Mobility Program”.

APEC Strategies for Straightening Quality Growth and their implementation: LSPN Coordinator reflected on the trends and issues occurring globally and their implications for the strategic environment in which APEC and HRDWG works. Also, LSPN Coordinator emphasized the need to strive to be innovative in order to be relevant to the new needs of our societies. Russia supported this notion and highlighted the need to act reasonably, fairly and positively in dealing with education and employment issues. Chile seconded the notion adding that economies have the mission to find innovative ways to solve the problems of the youth, as the youth is much more different than the past and the response needs to change. EDNET is currently working in the APEC Education Strategy along with policy makers, sharing ideas on the strategy that could work for all member economies. Later, expressed that it would be very helpful if economies can enhance mutual understanding on education and that’s the reason to have a Baseline Report of the Current Education Status which will examine how education systems works in member economies. Peru supported the notion and is currently implementing an education reform.

Statement of Observers: OECD expressed that it would be great to increase collaboration between APEC and OECD, especially regarding the preparation of the Education Strategy and the next 6th APEC Education Ministerial Meeting. ABAC highlighted the concern from the business sector about how the work of APEC makes a difference and benefits the participating private sector. APRU stated that aims to improve collaboration in current ongoing projects.

Discussion on the priority 2016: “ Human Capital Development” Mr. Rodolfo Benites, Representative from the Ministry of Education of Peru, opened the discussion by presenting the current challenges in developing the quality of Higher Education Systems within the APEC region in two levels: 1) At designing and implementing quality assurance systems; and 2) Promoting cross-border Higher Education while maintaining quality. Mr. Alberto Aquino, Representative from the Ministry of Labor and Employability, raised awareness about the fourth industrial revolution that is coming silently. Today, the trend topics in our economies are: intelligent robots, drones, 3D printers, driverless vehicles, big data,

intelligent production, financial technology, etc. The basis foundations of this new economy are: 1) Circular Economy; 2) Bio Economy and 3) Smart Growth (Internet of things). To close the Round Table Discussion, Ms. Shirley Andrade, representative from CONCYTEC, talked about the changing landscapes to say that in this complex technological area, we need to promote a good environment for science, technology and innovation, regarding institutional, infrastructure and human capital issues.

Discussion on HRDWG Documents: HRDWG Annual Work Plan 2016 was endorsed in-principle by economies. However, further comments are welcomed until May 25th.

Revised HRDWG Terms of Reference (TOR): Agreed to submit amendments intersessionally.

Discussion on the development of the HRDWG Strategic Plan 2016-2020: Economies from the Strategic Plan Draft Committee are encouraged to nominate focal points by May 25th for the preparation of a first draft of the HRDWG Strategic Plan 2016-2020. The following delegates offered to be part of the Drafting Committee: Lead Shepherd team, LSPN, CBN and EDNET Coordinators, Chile, China, Korea, Peru, Philippines and Russia.

Response from HRDWG to Independent Assessment recommendations: Economies will revise the draft responses intersessionally.

APEC labour mobility framework. LSPN Coordinator expressed that economies approved the Connectivity Blueprint and committed to its implementation. Therefore, to tackle the challenges of making this commitment possible, proposed to develop an APEC Wide Labor Mobility Framework.

New LSPN Coordinator, Papua New Guinea accepted to hold the position. A particular candidate has not been decided.

HRDWG Education Network (EDNET) Meeting: The HRDWG Education Network (EDNET) Meeting was held in Arequipa, Peru from 8-9 May, 2016. Delegates from 19 economies participated in the meeting. It was chaired by Dr. Wang Yan, EDNET Coordinator, and Mr. Walter Twanama, Peru Co-chair. Representatives from PPSTI, GOFD, APRU and OECD were also present.

Discussion of Working Documents: Discussed the proposed revisions to the HRDWG Terms of Reference. It was suggested to submit comments and amendments intersessionally. Also reviewed the EDNET-related content on the APEC website and HRDWG Wiki and discussed the need for timely updates. The delegates expressed appreciation to the United States for the maintenance of the Wiki. The EDNET coordinator encouraged the delegates to volunteer to take over the responsibility of updating the webpage of HRDWG Wiki, particularly by rotating among the host economies.

Reports on Recently Completed, Ongoing and Proposal Projects:

Thematic Session: Cross-Border Education and Student, Researcher and Provider Mobility:

- Australia presented the Mapping Researcher Mobility in APEC draft project report.
- Australia presented on the initial report of the Cross-Border Higher Education Data Collection. A workshop for the project will be held immediately after the HRDWG meetings in Arequipa.
- Australia presented a project report on APEC Guiding Principles for Research Integrity.
- China presented the concept note of the project of MODEL APEC-Promoting APEC Youth Leadership and Entrepreneurship.
- Russia presented the 6thAEMM: Voice of Youth, which will be held in Ufa, Russian Federation.
- Russia presented the concept note Virtual Academic Mobility Map. (Submitted under PPSTI-Cross Fora Collaboration with HRDWG)

Thematic Session: Higher Education

- Australia presented its project “the Quality Assurance in Online Education”
- China presented the Research on Mutual Recognition of Credits among Universities in the APEC Region project which has just been approved in principle by PMU.
- China presented the Attracting Cross-Border University Students: Identifying and Sustaining Best Practices in the APEC Region project.
- Russia presented the overview report on the 4th APEC Conference on Cooperation in Higher

Education “Cooperation in Human Capital Development for Inclusive Economic Growth”. Also proposed to host the 5th APEC Conference on Cooperation in Higher Education (APEC CCHE’16) “Strategy of Education Development in APEC” during 1-4 September, 2016 in Vladivostok, Russia.

Thematic Session: Skill Development, TVET and Qualification Framework

- China presented the progress report on the Systematic Design of Green Skills Development in TVET project.
- China presented the concept note of self-funded project titled A Comparative Study of Qualification Framework of APEC Economies for Economic Integration.
- Chinese Taipei presented the project report on Skills Training and Development in Industry-Academia Collaboration Models,
- Chinese Taipei presented the project report on APEC High Level Policy Dialogue on Education and Career Planning for Young Athletes.
- United States presented the project report on Economic Integration and Global Competencies,

Thematic Session: Quality of Education and System-Wide Improvement

- China presented the project report on Adolescents’ Physical and Health Behavior
- Korea presented the progress report on the APEC e-Learning Training Program (AeLT)
- Peru presented the report of the Observatory of Best Practices with ICT: proficiency standards, teaching-learning strategies in urban and rural areas, educational materials.
- Japan presented the project report on Developing Education for Future Planning with Mathematics and Science based on the APEC Lesson Study Community co-led by Japan and Thailand
- Japan presented the project report on Textbook Development for Energy Efficiency, Energy Security and Energy Resiliency (II): A Cross-border Education through Lesson Study co-led by Japan and Thailand.
- Chinese Taipei presented a progress report on Youth Sustainable Water Resources Education and Hub Development in the APEC Region.

Report of the Preparatory Conference for the 6AEMM: Peru and Russia presented a progress report regarding the preparatory work for the 6AEMM. Peru briefed on initiatives and proposed side events for the 6th AEMM

APEC Education Strategy: The EDNET Coordinator briefed on the Education Strategy’s background, Task Force and Advisory Board and welcomed more nominations from member economies to join the APEC Education Strategy Task Force.

The Baseline Report on Current Education Status in Asia-Pacific Region: The EDNET Coordinator led the discussion the Baseline Report on Current Education Status in Asia-Pacific Region. Some economies presented samples chapters of their own economies including overview, education system, education administration system, education governance system, key education policies and priorities and related statistical data. Thailand suggested utilizing existing or completed reports such as the ones prepared for UNESCO or OECD instead of drafting a new version, drawing upon existing literature as references. Peru seconded this suggestion and also mentioned that Peru and Chile have made a similar effort for UNASUR.

Presentation and Discussion on Cross-Cutting Collaboration

- The Representative from PPSTI introduced the important role of PPSTI on science and technology development within the APEC region. He introduced the background and key initiatives of PPSTI, noting the importance of further cross-fora collaboration and suggested possible collaboration between PPSTI and HRDWG-EDNET, including setting the High Level Policy Dialogue in Science & Technology in Higher Education, improving collaboration among universities, focusing on enhancing mobility of young scientists and students, cred it transfer in foreign science and technology programs, and short term internships, as well as other areas to cooperate.

- The Representative from GOFD introduced the background and key initiatives of GOFD, noting multiple areas of cooperation could be done with HRDWG-EDNET including four areas. He also invited the EDNET delegates to attend the 2nd APEC GOFD Meeting in Arequipa.
- Program Director of APRU introduced the vision and key initiatives of APRU, in applying new knowledge on global challenges affecting the region and working with policy makers to address these effectively.
- Peru shared that they're proposing a joint meeting with PPSTI on the margins of SOM3, and will continue the discussion online. Japan, Chinese Taipei and Australia welcomed cross-border collaboration. Australia suggested this might also be reflected in the APEC Education Strategy.

APEC Excellence Prize for Education and Learning Innovation: EDNET Coordinator led a discussion on the initial initiative of APEC Excellence Prize for Education and Learning Innovation, and invited EDNET members to provide their inputs.

Thematic Session: Global Context and Key Factors to Drive Education Reform and Development by OECD. Representative of OECD presented a scheme for education and learning that set out how all levels of education contribute to developing generic cognitive, socio-emotional and specific skills that are outcomes that contribute to employability, innovation, participation in society and individual wellbeing. She welcomed closer collaboration between OECD and APEC and invited the EDNET to make use of OECD.

Reports on Ongoing and Proposed Long-Term Initiatives

- China presented the progress report on APEC Higher Education Research Center.
- Korea presented the progress report for the APEC Learning Community for Shared Prosperity (ALCom) and also presented the progress report on the APEC Future Education Consortium (AFEC).
- Peru presented the initiative on APEC Center of Higher Education Internationalization.
- Russia presented its concept note The Open Environment for Math Education in APEC Schools-Phase 2. Chinese Taipei presented the project on Human Capacity Building for Globalized Scientific Literacy: Best Practice Models for STEM-Related Education in Schools and Communities.
- The United States presented the update on a project endorsed through the Policy Partnership on Women and the Economy (PPWE) and coordinated with PPSTI on Women in STEM.
- The United States presented and briefed on a self-funded study on Disability and Employment that has been approved by the HRDWG.
- The United States presented and provided an update on the APEC Scholarship and Internship Initiative launched in 2014 and designed to expand education and work opportunities for students and professionals in the Asia-Pacific region.
- China presented the progress report on APEC Education Research Network.
- Australia presented a concept note on an APEC Education Strategy Workshop to be held in August, 2016.
- Korea presented the Education Cooperation Project (ECP)

CBN: The APEC HRDWG Capacity Building Network (CBN) Meeting was held in Arequipa, Peru on May 08th, 2016. It was chaired by Mr. Meng-Liang Tsai, CBN Coordinator; Ms. Kuei-Yen Liao, CBN Deputy Coordinator; and Mr. Alberto Aquino, CBN Peru Co-Chair. Delegates from 14 economies attended the meeting as well the representative from ABAC

CBN Coordinator: reminded that the session will focus on the following aspects: Promoting skills development to bridge schools to work; Enhancing labor productivity and narrow talent gap by Industry-VET-Academia cooperation; Developing competency standardization and training quality to promote skills mobility and Strengthening HRM and HRD capacity building for SMEs and entrepreneurs.

Projects/initiatives:

- Peru presented the concept note entitled "Promoting the development and strengthening of soft skills, for employability enhancement among APEC economies.

- Chinese Taipei presented the concept note: “APEC Skills Development Capacity Building Alliance (ASD-CBA).” A video explaining the proposal was projected too.
- Australia: Presented on their APEC initiatives: “Activities to Progress Competency Standardization and Skills Recognition in TVET” which included updates on the APEC Transport and Logistics occupational standards development project, APEC Occupational Standards Framework project in the tourism sector, and the APEC Integrated Referencing Framework for Skills Recognition and Mobility project. China offered a brief presentation of the project “APEC Skills Training Material Development Program”.
- Japan presented the concept note “Case Studies on Mutual Recognition and International Cooperation for Skills and Job Qualifications in the APEC region”
- Korea presented the project called “APEC Technical Consultation for Capacity Building in Technical Vocational Training”.
- Chinese Taipei presented the Completion Report of Strengthening Mobility and Promoting Regional Integration of Professional Engineers in APEC Economies.

CBN 2015 Reflections and 2016 Outlook (CBN): Chinese Taipei presented CBN 2015 Reflection and 2016 Outlook in which highlighted that CBN met their objectives through four approaches: Promoting skills development and network training providers, developing competency standardization and training quality, strengthening HRM and HRD capacity building for SMEs and entrepreneurs and entrepreneurs and narrowing the talent gap by industry - VET-academia cooperation.

View from the Private Sector: Wiley – (US) offered a presentation under the title “Solving the Talent Crisis. From Education through Employment”. Introduced Wiley role as one of the largest US companies in higher education and workforce development. Wiley has been active in APEC since 2011, advancing initiatives in the PPSTI to support young scientists. Various delegations (Australia, Chile, Japan, Mexico, Peru, and Chinese Taipei) made comments

Completion Report of the 2nd High Level Policy Dialogue on Human Capacity Building – (PNG May 2015) Philippines made comments on the participation of 13 economies and ABAC. Also, informed the developing of the Plenary Sessions. Besides, a particular emphasized was given to the Economy Key Policy Initiatives. Mentioned the adoption of the Port Moresby Joint Statement which aimed to enhance strategic cooperation in human capital development towards developing 21st century skills that are aligned to global and industry standards. PNG expressed its gratitude towards Philippines for giving the opportunity to host the meeting in preparation for the hosting of the 2018.

Cross Fora Collaboration:

- Chinese Taipei made a presentation of the project “Enhancing SME Employability: APEC O2O Project”. (CBN-SMEWG)
- Chinese Taipei made a presentation on the project “Innovation for Women and Economic Development: Building Human Capital for Women Entrepreneurs through Innovative Learning Tools (CBN-PPWE)”
- ABAC Representative offered a brief insight on the projects presented. Specially, ABAC remarked the job currently being done by CBN to broaden skills of certain working populations. Also, highlighted the relevance of identifying pilot areas – Tourism, Allied Health, Pilots and Air Traffic Controllers, and potentially also Engineering, and using these pilots to inform further actions.

Discussion of the Preparatory Conference of the 6th APEC Education Ministerial Meeting (CBN-EDNET) EDNET Coordinator, offered a briefing on the Preparatory Conference of the 6th APEC Education Ministerial Meeting. She drew attention upon the progress made during the two days preparatory meeting. Specially, she referred to the Logic Model and to the Strategy Plan both of which were discussed during the meeting and that will properly serve HRDWG. Peru presented the self-funded concept note “International Symposium and Workshop on Strategies for Strengthening Employability (Soft) Skills to facilitate Quality Growth throughout Upskilling” to be held on October 3th, 2016 in the margins of the 6AEMM

LSPN: The APEC Labour and Social Protection Network (LSPN) Meeting was held on 8 May 2016 in Arequipa, Peru. It was chaired by Mr. Malcolm Greening, the LSPN Coordinator, and supported by Mr. Pierre Vicente, from the host economy. 13 member economies attended the meeting as well as representatives from ABAC, ILO and Royal Melbourne Institute of Technology (RMIT University)

Nomination of LSPN Coordinator: The LSPN Coordinator confirmed that PNG offered to take responsibility for coordinating the activities of the network.

Reflection on 2015: Mr. Greening invited the Philippines to make brief remarks in relation to the priorities and achievements in 2015. In this regard, Philippines made reference to key themes and initiatives, including the social dimensions of globalization, the mobility of human resource, the Philippines/US project on Healthy Women Healthy Economies and the Chinese Taipei/Philippines workshop on facilitating mobility through social protection and portability of social security benefits. The LSPN Coordinator made brief comments encouraging members not to lose sight of the issues championed by the Philippines in 2015 such as labour mobility, social protection and the integration of women in the economy.

Priorities for 2016: The Co-chair, Mr. Pierre Vicente, made brief remarks about Peru's priorities for 2016.

Discussion of work plan and outcomes for 2016: The LSPN Coordinator made brief reference to the work plan for 2016, the HRD Action Plan, Senior Officials Tasking Statement for 2016, The HRD Ministerial Statement 2014 and the Connectivity Blueprint. He invited suggestions from delegates on what the network wants to achieve in 2016, and what might be the deliverables for Leaders. A number of economies supported the elevation of youth unemployment as a long-term priority for APEC.

Discussion of projects and key themes:

- Russia: presented 2 proposals: to conduct a study on APEC economies experiences in raising the retirement age and to conduct an APEC study on best practice on delivering long-term public care for people with severe mental disorders.
- United States: discussed the project on Healthy Women, Healthy Economies. Also presented a proposal to conduct research into the employment status of people with disabilities.
- Japan – provided an update on an ongoing project on Vocational Training in cooperation with enterprises focusing on the outcome effect on the projects including ten participating APEC economies.
- Chinese Taipei – presented a project regarding work life quality and quality growth under global supply chains in APEC economies.
- United States – provided an update on recent developments on working conditions in the US concerning exposure to silica dust which has been linked to lung cancer, kidney disease and respiratory disease.
- Philippines/Chinese Taipei – reported on the outcome of the seminar and field trip on facilitating human resource mobility by enhancing social protection for mobile workers, which was held in Chinese Taipei in August/September 2015.
- Australia – provided an update on the pilot project on the development of the tourism workforce. Australia is conducting a study into the tourism workforce in the APEC region.
- RMIT University – presented the research findings of the study on “Enhancing Labour Mobility in the APEC Region”.
- Australia – presented the Non-Paper on the development of an APEC-wide labour mobility framework.
- LSPN objectives over the next year: The LSPN Coordinator noted that the network has made progress in relation to the HRD Action Plan. He also stressed that it is important to continue to review progress and identify any gaps in the lead up to the HRD Ministerial Meeting in 2018. Mr. Greening encouraged economies to complete existing projects and initiate new ones. Also noted that there is scope to focus on the future of work theme, particularly its implications for job creation and activation policies.

Workshop on Youth Strategies:

The Joint Meeting between CBN and LSPN: Workshop on Youth Strategies was held in Arequipa, Peru on May 09, 2016. The meeting was chaired by Mr. Meng-Liang Tsai, CBN Coordinator; Ms. Kuei-Yen Liao, Deputy CBN Coordinator; and Mr. Malcolm Greening, LSPN Coordinator. Members from 15

economies attended the workshop. Representatives from ABAC, ILO and OECD were also present. As well as Associate Professor Alberto Posso from Royal Melbourne Institute of Technology (RMIT University)

Presentations focusing on holistic overview of youth strategies

- RMIT University presented a paper on the nexus between education, training and labour market outcomes.
- The ILO delivered a presentation on “new generation of youth policies” which focused on Latin American experiences.
- Brunei Darussalam: discussed strategies for youth employment and noted the following key areas: High unemployment rate of 6.9 per cent in 2014. About 80 per cent of the unemployed population has a secondary school attainment. The youth unemployment rate is 25.3 per cent. 17.2 per cent of the unemployed youth are not in education, employment or training. The number of unemployed graduates is increasing.
- China: shared a video on a school to work program. This includes e-shops and youth entrepreneurship initiatives.
- Chinese Taipei: shared experiences in developing strategies to improve youth employability in the wake of automation. Initiated five key projects. Subsidised college programs; dual system of vocational training; Industry-academy-training center; youth placement flagship; mentoring training program
- The US discussed the proposed project to address the global “talent crisis” and mismatch. The goal of the project is to address youth job readiness.
- Australia shared experience in improving youth employability. He discussed the challenges facing young people including: Competency in language, literacy and numeracy; work readiness; changing skills demand; changes in technology.
- The OECD delivered a presentation in which highlighted points: on skills, education systems; programs to smooth transition from training to employment.

General Comments by economies:

- Canada: The youth unemployment rate in Canada remains high at 13.1 per cent. Canada is committed to lowering the youth unemployment rate and is working towards getting young people ready for the workforce. Canada is also working with employers and forming partnerships with all levels of government.
- Korea: discussed the revised proposal on boosting youth employment which incorporates comments from the HRDWG Plenary Meeting on 7 May and the LSPN Meeting on 8 May 2016. The revised proposal seeks to develop a political and strategic document, “APEC Framework for Boosting Youth Employment and Entrepreneurship” to be implemented by 2020, as one of the key deliverables of human capital development agenda in 2016.
- Philippines: discussed the high youth unemployment rate and long school to work transition

2. 39th APEC Human Resources Development Working Group (HRDWG) Meeting:

The 39th APEC Human Resources Development Working Group (HRDWG) Meeting was held on 20 August 2016 in Lima. It was chaired by the Acting HRDWG Lead Shepherd, as an interim basis, Ms Ksenia Elovskih (Russia) and HRD vice Co-Lead, Ms Carmen Beltran from Peru. 15 member economies and the representative from ABAC attended the meeting.

Key issues:

- AHRDWGLS noted that relevant collaboration that has been created through the joint meetings celebrated the past week, between HRDWG and PPSTI, as well as HRDWG and the EC, especially in the subjects of youth employability, innovation in scientific and technological capabilities, among others.
- Peru expressed the importance of having two HRDWG meetings this year and how this meeting will continue to add greatly to the inputs that will lead to the 6th AEMM. Furthermore, the HRD Co-lead remarked the importance of the HRDWG as a space for discussion and exchange of ideas on the most contemporary objectives and challenges that our economies need to address to increase the quality of education and produce a positive impact towards ensuring sustainable human capacity building.
- The Summary Note of the Third Preparatory Conference for the 6th AEMM, (17-18 August) was agreed in-principle and it will be circulated for further comments and endorsement.

- The EC Chair, Mr. Rory McLeod, gave a summary of the HRDWG and EC Symposium on Human Resources Development: Towards a sustainable inclusive and productive development. EC Chair highlighted that the structural reform agenda has been given high priority because it offers opportunities at a time of mediocre growth, and important links remain between structural reform and human capital development. However, effective engagement is required when undertaking structural reform. He also mentioned that EC will be looking to adopt the topic of structural reform and human capital development for next year's APEC economic policy report and will be consulting with HRD on a systematic basis.
- United States commented on the great session that had been held the previous day and the need for retraining for new skills as what will be needed in 10 to 15 years is still unknown and that to overcome challenges this issue needs to be brought into our conversations. EC Chair said he would commit to circulate information intersessionally and attend the SOMs to brief HRD on the progress, but that it was necessary to discuss how to work together and define roles.
- China agreed it was right time for APEC economies to support the proposal to list structural reforms and to improve potential growth rate and promote economic equality.
- EDNET Coordinator expressed her appreciation for efforts made by host economy Peru and the HRDWG to make possible this first joint meeting. Then referred to the comments of the United States regarding the need for more collaboration, which she fully supported, particularly in the field of education. She also asked the EC Chair to help circulate the APEC Education Strategy to obtain input.
- HRDWG discussed in details the Draft Agenda for the 6th AEMM.
- HRDWG also discussed the two paragraphs proposed for the Declaration of Leaders. Peru explained that these paragraphs are not a repetition either a summary of the joint statement. Instead, the paragraphs would be a general future vision/goal in the education sector, and that is why a separate slot had been considered, in the same way as it was being done for all ministerial meetings.
- Australia presented the APEC Labour Mobility Framework. After further consultations with HRDWG members, Australia will submit the proposal to Senior Officials for consideration and directions on the development of the framework in 2016 and 2017.
- Korea, presented its proposal on APEC Framework for Youth Education, Employment and Entrepreneurship. Economies will make comments till August 26, if there are no adverse comments by the deadline the proposal will be deemed endorsed by the HRDWG. Korea also presented the ECP Report. The Republic of Korea reminded the group about the ECP Report and read a brief review of the project.
- Peru gave a brief progress report on the International Symposium on Strategies for strengthening employability soft skills: facilitating quality growth through upskilling.

3. The Third Preparatory Conference for the 6th APEC Education Ministerial Meeting:

The Third Preparatory Conference for the 6th APEC Education Ministerial Meeting was held in Lima, Peru from August 17 to 18, 2016. The meeting was chaired by Ms. Carmen Beltran, HRDWG Co-Lead by Peru; Ms. Ksenia Elovskikh, Acting HRDWG Lead Shepherd and Dr. Wang Yan, EDNET Coordinator. Members from 15 economies attended the meeting as well as the representatives from UNESCO, ILO, IDB and CAF

Key Issues:

- Peru presented a summary of the Second Preparatory Conference for the 6th AEMM, held last May 05 and 06 in Arequipa, which highlighted the principal results and outcomes of the meetings, such the endorsement of the Logic Model's General Theme and Sub-themes; the advancement on the Education Strategy Draft, among others..
- Peru also offered an update on the Endorsed Logic Model for the next APEC Education Ministerial Meeting. It was recognized the work done by past joint statements and reports from the HRDWG and its networks, as well as this year's main theme related to "Quality Growth and Human Development".
- The EDNET Coordinator presented an update on the advancement of the APEC Education Strategy, which sets a common vision for the region towards 2030 regarding an inclusive and quality education.
- The EDNET Coordinator also delivered an updated report on the draft Baseline Report on Current Education Status in the Asia Pacific Region.

- Representatives from UNESCO, IDB, ILO and CAF made presentations during the meeting.
- The HRDWG-Co Lead presented the structure of the agenda for the 6th AEMM.
- September 15 was set as the deadline for economies to choose the priority areas for their presentations and should be submitted to the PD. Also economies are recommended to submit no later than October 3rd suggestions for sessions where they are keen to provide comments during the open floor discussion.
- HRD Co-Lead made a brief presentation of the structure of the Joint Ministerial Statement, as follows: Introduction, Progress & General Acknowledgements and Achievements; Development of Priority Areas and Conclusion. Peru recognized the contributions from Japan, the Republic of Korea, Mexico, New Zealand and Singapore.

Section II: Progress on Projects and Other Initiatives

Title	Progress made	Mandate	ECOTECH Priorities	Cross-fora collaboration
APEC Guiding Principles for Research Integrity HRD 01 2016S	In implementation The development of a set of guiding principles for research integrity will provide a high-level reference point for the region's researchers, facilitating research cooperation across APEC. (link to report)	Self-Funded Project by Australia. Endorsed by HRDWG in 2016. Presented a Report during the 38 th HRDWG Meeting in Arequipa 2016 Expected Completion date: 31/10/2016	Human Capital Development Regional Economic Integration	
Mapping Researcher Mobility in APEC- HRD 02 2016S	Completed To map the international research linkages across the Asia-Pacific. Existing data on international joint research publications, which is currently difficult to access and examine, will be analysed. Will enable governments and institutions in APEC to understand the scale, scope and characteristics of joint research collaboration between economies. (link to report)	Self-Funded Project by Australia. Endorsed by HRDWG in 2016. Presented a Report during the 38 th HRDWG Meeting in Arequipa 2016	Human Capital Development Regional Economic Integration	
Promoting the employment of Persons with Disabilities in APEC- HRD 03 2016S	In implementation Aims to support APEC goals of inclusive economic growth by identifying barriers to and good practices in expanding job opportunities for persons with disabilities. Will produce a research report about efforts in both the public and private sectors within APEC economies to increase the employment of persons with disabilities	Self-Funded Project by the United States. Endorsed by HRDWG in 2016. Included in the 2016 HRDWG Work Plan Expected Completion date: 31/10/2016	Human Capital Development Regional Economic Integration	GOFD
APEC Skills Development Capacity Building Alliance: Facilitating Quality Growth through Upskilling – HRD 04 2016S	In implementation Aims to prepare the workforce and SMEs in upskilling for the 21 st century. Also, aims in job training and skills development strategies, and adequate vocational education. The alliances provide a platform from which to progress to other areas of learning; or linked to industry-recognized credentials, as well as to obtain inputs from APEC member economies and bring them into the business mainstream.	Self-Funded Project by Chinese Taipei. Endorsed by HRDWG in 2016. Expected Completion date: 30/11/2017 In responding to the 2016 APEC Theme and 2015 Leaders' Declaration.	Human Capital Development SMES Regional Economic Integration	

APEC High Level Policy Dialogue on Education and Career Planning for Young Athletes- HRD 05 2016 S	In implementation. The purpose is to bring together representatives of government, academia and business to discuss the most effective ways to provide education and career planning for young athletes. In doing so, a holistic approach can be realized for developing solid educational and career planning programs	Self-Funded Project by Chinese Taipei. Endorsed by HRDWG in 2016. Expected Completion date: 30/12/2016	Human Capital Development Regional Economic Integration	
5 th APEC Conference on Cooperation in Higher Education in Asia-Pacific Region- Strategy of Education Development in APEC – HRD 06 2016S	In implementation The aim is to create a common vision for the future of higher education in the APEC and investment opportunities in its development. Its agenda includes preparatory sessions to the 6th AEMM.	Self-Funded Project by Russia Endorsed by HRDWG in 2016. Expected Completion date: 31/12/2016. In response to Annex D of the Leaders' Declaration 2014 and APEC Connectivity Blueprint for 2015-2015.	Human Capital Development. Regional Economic Integration.	
Model APEC- Promoting APEC Youth Leadership and Entrepreneurship HRD 07 2016 S	In implementation The MODEL APEC is designed to engage young leaders in APEC. It will provide a platform to unite, develop and enrich the skills of next generation of the Asia-Pacific, and get them to respond to closer regional cooperation of the Asia-Pacific.	Self-Funded Project by China Endorsed by HRDWG in 2016. Expected Completion date: 31/12/2016.	Human Capital Development Regional Economic Integration	
Preparatory Sessions to the 6 th APEC Education Ministerial Meeting (6AEMM) HRD 08 2016 S	In implementation The sessions are planned to be held on the margins of the 5th APEC Conference on Cooperation in Higher Education. -Session 1 will be focus on final drafting of documents to the AEMM. - Session 2: Workshop on APEC Education Strategy.	Self-Funded Project by Russia Endorsed by HRDWG in 2016. Expected Completion date: 31/12/2016.	Human Capital Development Regional Economic Integration.	
Identification of Relevant Experiences regarding mechanisms to integrate STEM in Education and the Promotion of STEM Learning Communities- HRD 09 2016S	In implementation It seeks to identify the relevant mechanisms to integrate STEM in education, as well as in curriculum and pedagogical practices. Hold a workshop in Lima, Peru on the margins of SOM3 (august 2016) Develop and exchange recommendations to encourage economies to create their own Virtual STEM Learning Communities as a space for mentoring and exchanging resources, information	Self-Funded Project by Peru Endorsed by HRDWG in 2016. Expected Completion date: 31/12/2016. In response to the 2016 APEC Priority of “Developing Human Capital”.	Human Capital Development Regional Economic Integration.	

	and successful class experiences to improve STEM teaching and learning skills.			
Study on APEC Member economies experiences in raising the retirement age HRD 10 2016 S	In implementation. It aims to conduct a study on APEC economies experiences in raising the retirement age. The study will be conducted in the form of an online questionnaire to be filled by the economies. The summarized results of the study we would like to send to the economies intersessionally.	Self-Funded project by Russia. Endorsed by HRDWG in 2016. Expected Completion date: 31/12/2016	Human Capital Development. Regional Economic Integration.	
Study on APEC Member Economies Experiences in providing long-term public care for senior citizens. HRD 011 2016 S	In implementation It aims to conduct a study on APEC economies experience in organizing public long-term care for seniors in order to provide guidance for the economies seeking to improve the existing arrangements. Topics to be covered by the study include the types of care, financial arrangements, a variety of services provided to the residents, experience in building public-private partnerships	Self-Funded project by Russia. Endorsed by HRDWG in 2016. Expected Completion date: 31/12/2016	Human Capital Development Regional Economic Integration.	
APEC Occupational Standards Framework: Test in the Travel, Tourism and Hospitality Industry. HRD 12 2016S	In implementation The project builds on a recommendation from the establishment phase of the <i>Integrated Referencing Framework for Skills Recognition and Mobility</i> (IRF) project to pilot the draft APEC Occupational Standards Framework (OSF) concept in an additional industry sector. It will bring together five economies to test this framework and develop regional occupational standards for five occupations in the travel, tourism and hospitality (tourism) industry.	Self-Funded Project by Australia and Peru. Endorsed by HRDWG and TWG in 2016. In response to APEC 2015 Leaders' Declaration. In response to 2014 HRD Joint Ministerial Statement and HRD Action Plan 2015-2018. Aligned with 2015 HLPD-HCB Joint Statement It supports the APEC agendas of technical cooperation, competency standardisation and skilled labour mobility Expected Completion date: 30/06/2017	Human Capital Development Regional Economic Integration.	Tourism Working Group (TWG)
International Symposium on Strategies for Strengthening Employability (Soft)	In implementation It has the objective of sharing experiences in the development and strengthening of soft skills for employment. The purpose is to help to devise better strategies to improve the human capital of the labour	Self-Funded Project by Peru. Endorsed by HRDWG in 2016.	Human Capital Development Regional Economic Integration.	

Skills: Facilitating Quality Growth through Upskilling HRD 013 2016S	force, especially of the youth, with a gender approach. It will also be a chance to outline the next steps for the development of policies and protocols for highly effective functional work training programs (aimed to the socially vulnerable sectors). The proposal for the creation of an 'APEC Knowledge Network on Best Practices for Employability Soft-Skills Development' will be presented	In response to 2014 HRD Joint Ministerial Statement and HRD Action Plan 2015-2018. Aligned with 2015 HLPD-HCB Joint Statement Expected Completion date: 31/07/2017		
Education for Quality Growth: Competencies; Employability and Innovation- HRD 01 2016A	In implementation It aims to build consensus among the APEC economies on their education-related developmental approaches and strategies to achieve quality growth, as well as give technical support for the 6 th APEC Education Ministerial Meeting, by delivering a research basis facilitated by research papers such as baseline report and policy instruments such as APEC Education Strategy.	APEC Funded Project in Session 1-2016. Proposing Economy: China. Endorsed and Scored by HRDWG in 2016. Expected Completion date: 30/4/2017 In response to 2016 APEC Theme and 2015 Leaders' Declaration- section of "investing in human capital development"	Human Capital Development. Inclusive Growth Regional Economic Integration.	
Research on Mutual Recognition of Credits among Universities in the APEC Region- HRD 02 2016A	In implementation It will explore practical cooperative scheme and standard of mutual recognition of university credits in combination of unique APEC regional background, so as to increase student's mobility within APEC region	APEC Funded Project in Session 1-2016. Proposing Economy: China. Endorsed and Scored by HRDWG in 2016. Expected Completion date: 31/12/2017 In response to APEC Connectivity Blueprint for 2015-2025- (people to people connectivity), APEC 2015 Leader's Declaration- section of "investing in human capital" and 2012 APEC Education Ministerial Meeting Joint Statement- which called for improve the quality of higher education.	Human Capital Development. Regional Economic Integration.	
Global Competencies and Economic Integration HRD 02 2015	In implementation To develop an APEC-wide framework to describe global talent; To compile APEC-wide data on the business requirements economic integration; To develop a methodology for measuring the outputs of global talent; To develop recommendations for APEC economies to strengthen their global talent	APEC Funded Project in Session 1-2015. Proposing Economy: The United States Endorsed and Scored by HRDWG in 2015. Expected Completion date: 31/12/2016. Submitted a Monitoring Report in August 2016.	Human Capital development SMEs Inclusive Growth Regional Integration	Possible collaboration with SMEWG

	streams; and; To present requirements and recommendations to APEC HRDWG.	In response to APEC 2015 priorities for advancing the regional economic integration and investing in human capital development agendas.		
Initiatives:				
APEC Labour Mobility Framework	In implementation. An APEC labour mobility framework would provide further guidance to member economies on the implementation of the APEC Connectivity Blueprint for 2015-2025, by developing a shared understanding of the diverse factors which affect the mobility of labour and skills in the region. It is designed to support APEC economies to collaborate on efforts to achieve more efficient and effective movement of workers in meeting labour market needs, through measures suitable to their particular circumstances and priorities	Non-paper and draft framework presented to HRDWG members for consideration in 2016 by Australia. HRDWG agreed with the Framework. Submitted to SOM3-2016 for consideration. In response to 2015 APEC Ministers Responsible for Trade statement on “the importance of efficient and effective labour mobility” In response to APEC Connectivity Blueprint for 2015-2025- “ mobility of labour and skills in the region” In response to the 6 HRD Ministerial Meeting Joint Statement and support the implementation of the HRD Action Plan 2015-2018	Human Capital Development. Inclusive Growth. Regional Economic Integration.	Across APEC Sub-Fora.
APEC Framework for Youth Education, Employment and Entrepreneurship	In implementation The primary objective is to help young people in the Asia Pacific region to achieve better employment outcomes through the development of effective policies and enhanced regional cooperation. The core of the Framework is the recognition that without the full participation of youth in the education and labor market, inclusive and sustainable growth cannot be achieved	A Draft was presented to HRDWG for consideration in 2016 by Korea. HRDWG endorsed the Framework in August 2016. In response to 2015 Leaders' Declaration- section “Investing in Human Capital Development” It contributes to the implementation of the HRD Ministerial Action Plan 2015-2018. (Support achievement of the UN Sustainable Development Goals and ILO global strategy for youth employment)	Human Capital Development. Inclusive Growth Regional Economic integration.	SMES Other APEC Sub-Fora.

2016 SCE FORA REPORT: *Health Working Group (HWG)*

Date: 10 September 2016

Summary

1. Main progress and achievements of 2016

HWG has progressed 3 APEC-funded projects – HWG 01 2015A; HWG 01 2016A; and HWG 02 2016A and 6 active self-funded projects, with the LSIF joint events such as the APEC “Accelerating Action on HPV and Cervical Cancer Prevention and Control - Implementing Policy Recommendations” Workshop and the Blood Supply Chain Partnership Training Network held in 2016.

HWG adopted the 2016 HWG Work Plan, the 2016-2020 Strategic Plan, and the Guidelines for engagement between the HWG and the private sector. HWG also formed a small group to draft a proposal for the “Implementation of the Roadmap for Working Towards a Healthy Asia Pacific 2020”.

HWG has held 2 meetings in the margins of SOM1&3, 2016 (the further details under Section I below). HWG elected Dr. Tran Thi Giang Huong (Viet Nam) as the new Vice Chair for 2017-2018; HWG’s Chair resigned after SOM3 immediately, and a new interim Chair will be selected intersessionally or elected in next HWG meeting for the remainder of the chairmanship in 2017.

2. Recommendations to SCE/SOM

None.

Section I : Main Outcome of Plenary Meetings

1. HWG1, SOM1, 2016

HWG2 took place in Lima, Peru, from 27-28 February 2016. It was chaired by Dr. Victor Cuba of Peru and attended by 15 Member Economies and two guests.

The meeting held discussions on the HWG 2016 Theme of “Improving health system governance in order to expand Universal Health Coverage, ensure health security and contribute to inclusive growth and sustainable development in the APEC region”, the 2016 HWG workplan, the proposed topic on Health and Migrants for the 2016 Health Policy Dialogue. HWG confirmed the 6th High Level Meeting on Health and Economy in this August and continuously worked with the host economy on the dates and venue.

2. HWG2, SOM3, 2016

HWG2 took place in Lima, Peru, from 19-20 August 2016. It was chaired by Dr. Victor Cuba of Peru and attended by 15 Member Economies and three guests.

The meeting held discussions on the draft of HWG Strategic Plan 2016-2020 for enhancing the KPI indicators and information sharing among members and the Guidelines for Engagement between HWG and the Private Sector to avoid the conflict of interest for private sectors’ participation. Both documents were finally endorsed.

LSIF Chair proposed to establish a HAP2020 Implementation Alliance (“the Alliance”), a cross-fora, multi-sectoral Virtual Working Group, to support APEC Developing Economies with taking action on the actions outlined in the HAP2020 Roadmap. HWG Chair proposed to form a small group to revise the draft plan for members’ further comments. Australia, Canada, Chile, China, Philippines, and Chinese Taipei agreed to join the small group to work with LSIF.

Dr. Tran Thi Giang Huong was endorsed by consensus as the next HWG Vice Chair for 2017-2018.

HWG held a half-day 2016 Health Policy Dialogue on 20 August and jointly with LSIF supported the 6th High Level Meeting on Health and Economy (HLM6), which also took place in Lima, Peru, from 21-22 August 2016. The Joint Statement of HLM6 recommends that APEC Ministers and Leaders:

- A. Note the importance of implementation of the HAP2020 Roadmap and the wide range of health initiatives underway in the HWG, LSIF, ABAC, and other APEC fora in support of the HAP2020 Roadmap as provided in the attached Annex.
- B. Welcome the establishment of a small group to explore innovative approaches to further implement the HAP2020 Roadmap, consistent with existing mechanisms and activities underway in this space.
- C. Welcome efforts to build more efficient and high-performing health systems by reducing waste, improving the quality of care, ensuring proper workforce planning, aiming for sufficient resources for health in domestic budgets, making high impact investments, and promoting public-private-academic partnerships. Call on APEC Economies to continue to work together to develop and share high-quality data in order to build the evidence base for policy development, effective health interventions, improved decision making, and impact measurement.
- D. Recognize the role of policy, regulatory, and legal frameworks in providing incentives for the discovery and development of new medicines and technologies; and support the cooperation among universities, public research institutions, and the private sector on life science innovations.
- E. Welcome future collaboration with Senior Finance Officials on the fiscal and economic impacts of ill-health. Call on APEC Health and Finance Senior Officials and key stakeholders to convene a formal cross-fora dialogue during 2017.

Section II : Progress on Projects and Other Initiatives

Title	Progress made	Mandate	ECOTECH Priorities	Cross-fora collaboration
HWG 01 2015A – APEC Conference on Prevention, Control and Care for Multi-Drug Resistant Tuberculosis (MDR-TB), and Supply of Second-Line Anti-Tuberculosis Drug	APEC Conference on Prevention, Control and Care for Multi-Drug Resistant Tuberculosis (MDR-TB) and Supply of Second line Anti-Tuberculosis Drug was held on 29-30 June, 2016 in Taipei. 126 participants from 14 APEC economies attended.	AELM 2014 and the “Healthy Asia-Pacific 2020” initiative.	- Inclusive Growth - Human Security	
HWG 01 2016A – Workshop on the Monitoring of Universal Health Coverage Progress in APEC Region: Towards “Healthy Asia-Pacific 2020”	Workshop will be held on 17-18 November, 2016 in Beijing including the presentations from APEC economy representatives and the adoption APEC-regional-level UHC monitoring framework.	AELM 2014 and and HWG 2013-2015 Strategic Plan with a focus on UHC and health systems strengthening	- Inclusive Growth - Human Security	
HWG 02 2016A – A-TRACTION (Asian Tuberculosis Research and Clinical Trials Integrated Organisational Network)	Project commenced mid-2016 and the Start Network meetings will be held in 2017.	In alignment with Health Working Group (HWG) 2013-2015 Strategic Plan to enhance preparedness and management of infectious diseases through integrated research and clinical trials.	- Inclusive Growth - Human Security	

2016 SCE FORA REPORT: *Mining Task Force (MTF)*

Date: 9 September 2016

Summary

1. Main progress and achievements of 2016

The Mining Taskforce continued during 2016 to promote and strengthen the implementation of existing APEC mining commitments, guided by the *10 APEC Mining Policy Principles* initially adopted by the Ministers Responsible for Mining in Perth, Australia in February 2007.

Specific achievements during 2016 include:

- Four high quality projects were approved for APEC funding to enhance capacity building in mining and advance the 10 APEC Mining Policy Principles, specifically as follows (see also Section 2 activities):
 - ✓ Mine Closure and Reclamation Checklist for Governments (Canada)
 - ✓ Mining Equipment, Technology and Services (METS) Sector Development (Australia)
 - ✓ Mining Industry Competitiveness: Improving Productivity and Data to Attract Investment (Chile)
 - ✓ Developing Training Materials to Reduce Mercury Use and Improve Gold Recovery in Artisanal and Small Scale Gold Mining in APEC Economies (USA)
- Successful MTF10 held as part of the SOM2 suite of meetings (May 2016).
- Successful Public-Private Dialogue (PPD) with ABAC held on the margins of MTF10 strengthening an active partnership between Public and Private Mining sector.
- Advanced cross-fora collaboration with ACTWG through MTF Chair participation in Pathfinder III event.
- MTF 2016-2018 Strategic Plan finalized and approved by SOM. SOM also approved the extension of MTF's mandate until 2018.
- The OECD Development Centre was granted three year Guest Status in MTF.

2. Recommendations to SCE/SOM

SCE to note the MTF Annual Fora Report.

Section I: Main Outcome of Plenary Meeting

1. The Tenth Mining Task Force Meeting

The 10th meeting of the APEC Mining Taskforce (MTF10) was held in Arequipa, Peru on 9-10 May 2016, and was chaired by Mr. Rodrigo Urquiza (Chile). Twelve member economies attended: Australia; Canada; Chile; China; Indonesia; Japan; Papua New Guinea; Peru; Philippines; Chinese Taipei; United States and Viet Nam. Representatives of ABAC, Caterpillar Inc. and HRDWG also attended.

The meeting decided:

- That members would actively support the implementation of the four projects approved for funding in Session 1 of 2016.
- Welcomed the Third Public-Private Dialogue focussing on subjects related to: a) Economic Stability and Investment, b) New technologies and Productivity, c) Climate Change and Environment; and d) Community engagement.
- Strengthen practical collaboration with the OECD Development Centre.
- The Chair and the FoTC would draft an action plan to support implementation of the 10 APEC Mining Policy Principles, as tasked by the Ministers Responsible for Mining in 2014.

Section II : Progress on Projects and Other Initiatives

Title	Progress made	Mandate	ECOTECH Priorities	Cross-fora collaboration
Public-Private Dialogue on Mining	Third Public-Private Dialogue focussing on subjects related to: a) Economic Stability and Investment, b) New technologies and Productivity, c) Climate Change and Environment; and d) Community engagement	Support cooperation and information-sharing on mining issues, including with the private sector through ABAC (Ministers Responsible for Mining (MRM 2014))	<ul style="list-style-type: none"> - Sustainable Growth - Technologies and Innovation - Inclusive Growth 	Private Sector (including ABAC)
Developing Training Materials to Reduce Mercury Use and Improve Gold Recovery in Artisanal and Small Scale Gold Mining in APEC Economies (MTF 01 2016A)	Project Approved in Session 1 and implementation progressing (RFP stage)	Encourage all APEC economies to cooperate and to take steps to reduce mercury use and release and to promote knowledge and experience sharing of substitute technology to support sustainable gold processing (Ministers Responsible for Mining (MRM 2014))	<ul style="list-style-type: none"> - Sustainable Growth - Technologies and Innovation - Inclusive Growth 	Private Sector (including ABAC) CIRDI UNEP AGSM Partnership
Mining Industry Competitiveness: Improving Productivity and Data to Attract Investment (MTF 02 2016A)	Project Approved in Session 1 and implementation progressing (RFP stage)	Promote an enabling environment for mining investment (Ministers Responsible for Mining (MRM 2014))	<ul style="list-style-type: none"> - Inclusive Growth - Regional Economic Integration 	Private Sector (including ABAC) PPWE
Mine Closure and Reclamation Checklist for Governments (MTF 03 2016A)	Project Approved in Session 1 and implementation progressing (RFP stage)	The mining industry should accelerate its transformation and upgrading and pursue a modernized development path featuring cooperation, safety, security, efficiency, green technology, and comprehensive development in order to constantly improve the social, environmental, and economic benefits. (Ministers Responsible for Mining (MRM 2014))	<ul style="list-style-type: none"> - Sustainable Growth - Technologies and Innovation - Inclusive Growth 	Private Sector (including ABAC) IGF World Bank OECD
Mining Equipment, Technology and Services (METS) Sector Development (MTF 04 2016A)	Project Approved in Session 1 and implementation progressing (RFP stage)	Promote regional integration, fostering sustainable investment, increasing social responsibility, and innovation and environmental advances in mining and metallurgy. (Ministers Responsible for Mining (MRM 2014))	<ul style="list-style-type: none"> - Regional Economic Integration 	Private Sector (including ABAC) Mining Industry Associations CSIRO

2016 SCE FORA REPORT: *Ocean and Fisheries Working Group (OFWG)*

Date: 15 August 2016

Summary

1. Main progress and achievements of 2016

OFWG has progressed 3 APEC-funded projects – 03 2014A; 01 2015A; and 01 2016A and 5 active self-funded projects, with events such as the 4th Blue Economy Forum and Workshop on Good Practices for Small Scale Fisheries held in 2016.

OFWG has held 1 meeting so far in 2016 (OFWG 6 - further detail under Section I below), while the 2nd meeting (OFWG 7) will take place during Food Security Week in late September 2016. OFWG's Lead Shepherd unexpectedly stepped down mid-year, and a new interim Lead Shepherd – Mr Patrick Moran of the United States - has now been successfully appointed to guide the OFWG through OFWG 7 and the remainder of the year.

2. Recommendations to SCE/SOM

None.

Section I: Main Outcome of Plenary Meetings

1. HLPDFSBE, 2015

OFWG and PPFS jointly supported the HLPD on Food Security and Blue Economy, which took place in Iloilo, Philippines, from 4-6 October 2015. The HLPDFSBE agreed a Plan of Action to take forward commitments in 3 areas: (i) resilient ocean and coastal resources and ecosystems, coastal communities and sustainable aquaculture; (ii) fish loss reduction; and (iii) agribusiness and blue economy.

2. OFWG 6, SOM2, 2016

OFWG 6 took place in Arequipa, Peru, from 5-7 May 2016. It was chaired by Atty. Asis G. Perez of the Philippines and attended by 13 Member Economies and two guests.

The meeting held discussions on the seven pillars of the OFWG Strategic Plan and endorsed two self-funded concept notes. The meeting also discussed the recommendations from the 2015 Independent Assessment and agreed to respond to SCE prior to SCE3.

Section II: Progress on Projects and Other Initiatives

Title	Progress made	Mandate	ECOTECH Priorities	Cross-fora collaboration
OFWG 03 2014A – Assessing the Economic Value of Green Infrastructure in Coastal Ecosystems to Disaster Risk Reduction and Response and Coastal Resilience in the APEC Region	Project is ongoing and has been extended to 31 December 2016. Consultancy work is underway.	Endorsed by OFWG in 2014; under framework of Xiamen Declaration from AOMM4	<ul style="list-style-type: none"> - Inclusive Growth - Sustainable Growth - Human Security 	
OFWG 01 2015A – Developing a Manual of Good Practices to Improve the Supply Chain of Marine Products Aiming to Maintain Health of the Fish Stock, Strengthening Food Security and Enhancing Trade in the Asia-Pacific Region	Workshop was held in Lima, Peru, May 2016. Draft Manual has been circulated and will be finalised at/after OFWG 7 in September 2016.	Endorsed by OFWG in 2015; under framework of Xiamen Declaration from AOMM4 and the HLPDFSBE Plan of Action	<ul style="list-style-type: none"> - Inclusive Growth - Sustainable Growth 	
OFWG 01 2016A – Capacity Building for Marine Debris Prevention and Management in the APEC Region	Project commenced mid-2016.	Endorsed by OFWG in 2016; under framework of Xiamen Declaration from AOMM4 and the HLPDFSBE Plan of Action	<ul style="list-style-type: none"> - Sustainable Growth - Human Security 	Chemical Dialogue

2016 SCE FORA REPORT: *Policy Partnership on Science, Technology and Innovation (PPSTI)*

Date: *September 2016*

Summary

1. Main progress and achievements of 2016

PPSTI has held two meetings since the last report (PPSTI 7 in May and PPSTI 8 in August), participated in a host economy initiative together with HRDWG (HLPDSTHE, 2015) and held a joint session with HRDWG at SOM 3.

PPSTI also endorsed a new Strategic Plan (2016-2025), the Guidelines on the Establishment, Management and Review of Endorsed PPSTI Centers and the Report on the Implementation of Recommendations of Independent Assessment (conducted in 2015).

PPSTI has progressed three APEC-funded projects – 01 2015A (ongoing); 02 2015A (concluded) and 03 2015A (nearly concluded); and 14 self-funded projects, with many events such as the Regional Workshop on Measurement Challenges in Renewable Energy and Climate Science and Workshop on Improving Micro, Small and Medium Enterprises (MSMEs) Competitiveness through Low Carbon Economy held since the last report.

PPSTI had one project funded in Session 1 – 2016 APEC Climate Symposium (PPSTI 01 2016A).

PPSTI has held the first Conference on PPSTI Centers and Long Mechanisms in Pohang, Korea in June 2016.

APEC Science Prize for Innovation Research and Education (ASPIRE) with the 2016 theme 'Technologies for Food Security' was awarded to Dr. Kuang Hua, China in August in Lima.

2016 APEC Research & Technology (ART) was held in the Republic of Korea in June and an ART back-to-back event was held after PPSTI-8 with the theme of STGs, climate change, adaptation and innovation platform.

2. Recommendations to SCE/SOM

To approve the PPSTI Report on the Implementation of Recommendations of Independent Assessment.

Section I: Main Outcome of Plenary Meetings

1. HLPDSTHE, 2015

PPSTI and HRDWG jointly supported the HLPD on Science and Technology in Higher Education (HLPDSTHE) which took place in Manila, Philippines, in August 2015. The HLPDSTHE agreed a Joint Statement to take forward commitments in 2 areas: (i) mobility of science, technology and innovation experts; and (ii) advancing cross-border education and inter-university collaboration. 17 economies attended, with nearly 400 delegates.

2. PPSTI 7, SOM 2, 2016

PPSTI 7 took place in Arequipa, Peru, on 10-12 May 2016. It was chaired by Mr Chen Linhao of the People's Republic of China and attended by 16 Member Economies and 6 guests.

PPSTI 7 saw the welcome formal re-engagement of ABAC to PPSTI and the identification of some initial projects which might be relevant to ABAC and support private sector input. The EC Chair joined for a discussion on structural reform and innovation. PPSTI considered its response to the 2015 Independent Assessment recommendations. Peru proposed a joint PPSTI-HRDWG meeting at SOM3 which will be held in Lima. The International Association of Science Parks and PPSTI initiated cooperation, and PPSTI will be

represented at the IASP World Conference in Moscow in October. PPSTI also held an Innovation Policy Sharing Seminar on Promoting Entrepreneurship for Quality Growth.

3. PPSTI 8, SOM 3, 2016

PPSTI 8 took place in Lima, Peru, on 15-17 August 2016. It was chaired by Mr Chen Linhao of the People's Republic of China and attended by 15 Member Economies and 2 guests.

PPSTI endorsed the Guidelines on the Establishment, Management and Review of Endorsed PPSTI Centers and the Report on the Implementation of Recommendations of Independent Assessment. PPSTI had a joint session with HRDWG, where both groups discussed cross-fora project proposals and issues related to cross-border education and inter-university collaboration. An APEC Research and Technology (ART) back-to-back event was organized by the Republic of Korea. An award ceremony was held for Dr, Kuang Hua, China, the winner of the APEC Science Prize for Innovation Research and Education (ASPIRE) 2016. PPSTI agreed to regularly hold Innovation Policy Dialogues to exchange best practices and information with the view of achieving clear outcomes and lessons for the economies.

Members agreed on appointment procedure for New Governing Board which should be selected before November.

Section II: Progress on Projects and Other Initiatives

Title	Progress made	Mandate	ECOTECH Priorities	Cross-fora collaboration
Internet of Vehicles — IoV Project Phase 2: A Global Exhibition with a Symposium in the Asia-Pacific Region	Project is ongoing with the first Workshop held in China in 2015, the 2 nd Edition of the APEC White Paper on Internet of Vehicles endorsed in August 2016 and the second workshop to be held in China in late August 2016.	Endorsed by PPSTI in 2015; welcomed by AMM 2015	- Technologies and Innovation	TPTWG, SCSC, AD, TELWG
Regional Workshop on Measurement Challenges in Renewable Energy and Climate Science	Workshop was held in China in late 2015. Project is successfully completed.	Endorsed by PPSTI in 2015; welcomed by AMM 2015	- Technologies and Innovation - Sustainable Growth	<i>EWG and SCSC</i>
Improving Micro, Small and Medium Enterprises (MSMEs) Competitiveness through Low Carbon Economy	Workshop was held in the Philippines in mid-2016. Project is now largely concluded subject to last reimbursements.	Endorsed by PPSTI in 2015; under framework of HLPDSTHE Joint Statement	- Technologies and Innovation - Sustainable Growth	EWG
Smart Climate Information and Accountable Actions: Achieving Sustainable Food Security in a Changing World	Workshop will be held during Food Security Week 2016 in September in Peru to promote collaboration with PPFS and OFWG.	Endorsed by PPSTI in 2016; under framework of AMM 2015	- Technologies and Innovation - Sustainable Growth	PPFS and OFWG
Policy Investigation on the Last Mile Solution of Smart Transportation and Its Application on SME Value Chain Development	Workshop held in Viet Nam in 2016.	Endorsed by PPSTI in 2015; under framework of HLPDSTHE Joint Statement	- Technologies and Innovation - Sustainable Growth	SMEWG
Workshop on impact assessment and monitoring of Science, Technology and Innovation Policies	Ongoing.	Endorsed by PPSTI in 2015;	- Technologies and Innovation	
APEC Training Programs for Seismic Design of Structures 2015	Workshop held in Chinese Taipei in 2015.	Endorsed by PPSTI in 2015	- Technologies and Innovation - Sustainable Growth	EPWG
Establishment of Regional Database on Herbal Medicine	Workshop held in Philippines in 2015.	Endorsed by PPSTI in 2015	- Technologies and Innovation - Sustainable Growth	HWG
APEC Smart City Forum and Exhibition on Information Technology	Workshops held in China in 2015.	Endorsed by PPSTI in 2015; welcomed by AMM 2015	- Technologies and Innovation - Sustainable Growth	
The Co-establishment of an Online Service Platform for Collaborative	Ongoing.	Endorsed by PPSTI in 2015; under framework	- Technologies and Innovation	SMEWG

Innovation of SMEs in APEC Member Economies		of HLPDSTHE Joint Statement	- Sustainable Growth - Inclusive Growth	
APEC Workshop on Commercialization and Popularization of Research and Market-based Innovations through Policy Translation	Workshop held in Philippines in 2015.	Endorsed by PPSTI in 2015	- Technologies and Innovation	
From Science to Action: The Use of Weather and Climate Information for Efficient Disaster Risk Management	APEC Climate Symposium 2015 held in Philippines in 2015.	Endorsed by PPSTI in 2015	- Technologies and Innovation - Sustainable Growth	EPWG
Training and Nurturing Young Scientists (Theoretical Physicists) in the Asia-Pacific Area (APEC Young Scientist Training)	Conducted in Korea in 2015.	Endorsed by PPSTI in 2015; under framework of HLPDSTHE Joint Statement	- Technologies and Innovation - Inclusive Growth	
Promoting Commercialization and Investments for Science and Technology Products and Developing Potential Technology in the APEC Region	Ongoing.	Endorsed by PPSTI in 2015	- Technologies and Innovation - Sustainable Growth	
APEC Workshop on Strategies to Address Non-communicable Diseases (NCDs) through Science, Technology and Innovation: Nutrigenomics Approach	Workshop held in Philippines in 2015.	Endorsed by PPSTI in 2015	- Technologies and Innovation - Sustainable Growth	HWG
9th APEC Cooperation for Earthquake Simulation (ACES) International Workshop	Workshop held in China in 2015.	Endorsed by PPSTI in 2015	- Technologies and Innovation - Sustainable Growth	
Building Regional Ocean and Land Observation Systems to Safeguard APEC Resources and Communities	Workshop forthcoming in Australia in 2016.	Endorsed by PPSTI in 2015	- Technologies and Innovation - Sustainable Growth	EPWG and OFWG
2016 APEC Typhoon Symposium	Workshop held in Chinese Taipei in 2016.	Endorsed by PPSTI in 2016	- Technologies and Innovation - Sustainable Growth	

Policy recommendations resulting from the projects will be submitted to SCE/SOM.

2016 SCE FORA REPORT: *Policy Partnership on Women and the Economy (PPWE)*

Date: 9 September 2016

Summary

1. Main progress and achievements of 2016

Economies presented their individual Action Plans (IAP) to advance women economic empowerment to the 5 APEC priorities pillars of the PPWE Strategic Plan 2015-2018.

PPWE remains partnered with other APEC Working groups to incorporate gender equality and women's empowerment. In this regard, economies expected to increase fora collaboration.

Aiming the progress on the mainstreaming agenda, economies acknowledged the increase of the percentage of project proposal for session 2 (2015) that satisfactorily addressed the gender criteria in their first submission comparing to the previous project session.

Likewise, economies reported on completed, ongoing and proposed projects under PPWE.

Economies agreed to support Viet Nam on leading the discussion on drafting the Guidelines for Gender Mainstreaming.

Economies agreed that this year WEF agenda address very critical issued, never been address before in this forum, and must continue to develop in the following years.

In addition, PPWE members contributed to the Independent Assessor to undertake an independent assessment of the operation and structure of the group.

Outstanding goals:

- Continue promoting the appointment of at least one female member in ABAC for each economy.
- APEC Economic Leaders endorse the [APEC Ministerial Statement on Women and the Economy](#) (PPWE needs to share the Statement on the web page and encourage the economies focal points to send the Statement to his High level authorities).

2. Recommendations to SCE/SOM

Draft Report on the PPWE Independent Assessment

SCE must formally invite PPWE Chair to report the results from the Women and the Economy APEC Forum on The Senior Officials' Meeting - Steering Committee on ECOTECH (SCE), on SOM III, if it's possible.

Section I: Main Outcome of Plenary Meetings

1. PPWE Meeting 2016

The PPWE meeting met in Lima, on 28-29 June 2016. It was chaired by Ms. Ana Maria Mendieta, Vice Minister of Women of Peru. The meeting was attended by 18 APEC economies and ABAC. Also representatives from EC, SMEWG and HWG attended the meeting, as well as the Independent Assessment Assessor.

The meeting:

Adopted the Revised Work Plan for 2016 which is aligned to the main theme "Breaking barriers to integration of women in the global market" and the 5 sub-themes:

1. Care systems: Recognizing, reducing and redistributing unpaid care work for inclusive growth.
2. Costs of gender-based violence in the context of economic development.

3. Mechanisms for the internationalization of women-owned MSMEs.
4. Economic and financial literacy for access to capital.
5. Digital literacy for economic inclusion.

Listened the report made by economies (Peru, US, Japan, Chile, Malaysia, Chinese Taipei, Indonesia, Australia, Philippines, Canada as well as ABAC) on the progress on their Individual Action Plan (IAP) aligned to the 5 APEC priorities pillars.

Acknowledged the reports on completed, ongoing and proposed projects:

- US-Implementation of the APEC Dashboard: Increasing STEM Education;
- PNG-Women's Access to Financial Services-Data in the APEC Region;
- Peru-Towards the construction of public-private strategies to reduce the costs of gender-based violence in APEC Economies;
- Japan- Good Practice on Gender Diversity in Corporate Leadership for Growth; Japan- Individual Action Plan for the Enhancement of the Ratio of Women's Representation in Leadership-Midterm Review Study and Public-Private Dialogue;
- US- WE-APEC initiative (update on workshop in implementing the WE-APEC Vision); Philippines- Women as Prime Movers of Inclusive Business;
- Chinese Taipei- Innovations for women and economic development facilitating women's livelihood development and Resilience with ICT's;
- Chile-Successful cases of women-owned small and medium enterprises (SME) in foreign trade.

As part of the agenda on Cross-Fora Collaboration, representatives of the following groups attended the PPWE meeting to share their priorities and informed the way that their groups are integrating gender perspectives:

- Economic Committee: (Capacity Building for the Reduction of Educational Gender Gaps through Structural Reform (2015- Chile) ongoing project till end 2016.
- SMEWG: (Assisting Women-Owned SMEs Access to Global Markets (2014-Australia) Completed project (SMEs-PPWE)
- HWG: (Healthy Women, Healthy Economies (2015 US) (HRDWG, PPWE and HWG project) The US made a recap on the progress of the HWHE. In 2017 it's planned to continue to add to this platform by collecting the experiences, impact data and lessons learned that implementers will share at 2017 HWHE Conference. The Philippines added an update reporting as a pilot economy
- TPTWG: US updated on the women in transportation initiative (WIT). Added that the task force was created to developed opportunities for women in the transportation sector, based in the principles of the PPWE and intent to increase women economic mobility by creating jobs in the transportation sector by addressing barriers to women participation.

Discussed and agreed on the [draft statement of the APEC HLPD on Women and the Economy](#).

Also the PPWE members attended the 4 workshops were held on the margins of the meeting.

- [APEC Business Efficiency and Success target Award \(BEST Award\)](#) (Russia) Lima, 29 June 2016
The main objective of the [APEC BEST AWARD](#) was to attract the interest of business and public community to the importance of developing women entrepreneurship across the APEC economies. Candidates were nominated by their respective APEC economy.
- [APEC Women's Business Smart Technology Seminar: New Value Creation of APEC Women's Business through Smart Technology and Leadership](#) (Korea) Lima, 28 June 2016. The Seminar aimed to promote APEC women's active participation in the economy using smart technologies and shared best practices and business models of successful women entrepreneurs based on smart technologies among others.

- APEC Women in STEM: expanding Innovation and Opportunity by strengthening the presence of Women in Science, Technology, Engineering and Math. (US) Lima, 29 June 2016. The workshop focused in different aspect of this initiative, especially on: Creating an Enabling Environment for Women in STEM; Opportunities in Formal Education and Lifelong Learning; Recruitment, Retention, and Advancement and as well as in the next steps on this initiative.
- APEC Workshop in Implementing the WE-APEC Vision (US) Lima, 28 June 2016. The workshop focused in discuss where WE-APEC should go, what does it need to be improved, how will we continue to learn from best practices, the lessons, and the really interesting innovating work that has been done domestically.

Independent Assessment of PPWE in 2016: Ms. Louisa Minney of Sustineo Group has been engaged as the Independent assessor for PPWE. She attended the PPWE and related meetings at the Women and the Economy Forum (Lima, 27-30 June 2016) since the assessment took place during these meetings. She submitted a draft Report with recommendations that it is currently pending inputs from PPWE members. The Report will be submitted to SCE thereafter.

2. High Level Policy Dialogue on Women and the Economy

The High Level Policy Dialogue on Women and the Economy (HLPD-WE) met in Lima on June 30 2016. It was chaired by Ms. Marcela Huaita, Minister of Women and Vulnerable Populations of Peru. The HLPD-WE was attended by 18 APEC economies and ABAC. The Mayor of Yokohama, Japan, Ms. Fumiko Hayashi attended as a guest (Keynote Speaker).

The meeting:

- Formally adopted the Women and the Economy Statement which focus on the main theme “Breaking Barriers to Economic Integration of Women in the Global Market” and five sub-themes: 1) Economy Care Systems: Recognizing, reducing and redistributing unpaid care and domestic work for inclusive growth; (2) Costs of gender-based violence in the context of economic development; (3) Mechanisms for the internationalization of MSMEs led by women; (4) Financial and economic literacy and inclusion for access to capital; and (5) Digital literacy for economic inclusion.
- Ministers and HODs made speeches on policy recommendations as well as ABAC.

3. Public and Private Dialogue on Women and the Economy

The Public and Private Dialogue on Women and the Economy (PPD-WE) met in Lima on June 27 2016.

More than 450 representatives from public, private, organizations and women’s business and entrepreneurship from 18 economies attended the PPD-WED. It was led by Ms. Yolanda Torriani, Women Entrepreneurs Development Commission of the Lima Chamber of Commerce.

The PPD was organized in series of Short TED-Style Talks and breakout sessions (mini workshops) in which participants discussed the different sub-themes of the PPWE/WEF 2016. The PPD provided policy recommendations to the PPWE on the 5 sub-themes.

Section II: Progress on Projects and Other Initiatives

Title	Progress made	Mandate	ECOTECH Priorities	Cross-fora collaboration
PPWE 01 2016S Implementation of the APEC Dashboard: Increasing STEM Education	<p>Project in implementation</p> <p>It seeks to increase women and girls' access to and participation in science, technology, engineering, and mathematics (STEM) studies and careers.</p> <p>Will undertake a regional study and stock take of where the APEC region stands on advancing women and girl's participation and access to STEM education and careers.</p> <p>Will hold a STEM Camp in Peru in July 2016 (for Spanish-speaking participants from US, Peru, Chile and Mexico).</p> <p>Will hold an APEC Workshop: "APEC Women in STEM Forum: A Framework for Dialogue, Learning and Action" to be held October 2, 2016 in Lima, on the margins of the 6th AEMM.</p>	<p>Self-funded Project by the United States.</p> <p>Endorsed by PPWE in 2016.</p> <p>Included in the updated 2016 PPWE Work Plan</p> <p>It supports the PPWE Strategic Plan 2015-2018.</p> <p>In response to 2014 Leaders' Declaration that recognized "the importance of data to measure progress in reducing barriers to women's economic participation" Leaders welcomed the establishment of the APEC Women and the Economy Dashboard (the Dashboard),</p>	Human Capital Development Technologies and Innovation Inclusive Growth Regional Economic Integration.	In collaboration with HRDWG and PPSTI
PPWE 02 2016S Good Practice on Gender Diversity in Corporate Leadership for Growth	<p>Project in implementation : will focus on:</p> <p>Review past and current academic research papers which explain co-relations between gender diversity on boards and corporate performance; and to conduct case studies and compile good company cases (of several economies) which women on boards or in senior management positions greatly contribute to the improvement of corporate value, such as corporate governance, talent management, organizational management and so on.</p>	<p>Self-funded Project by Japan.</p> <p>Endorsed by PPWE in 2016.</p> <p>Included in the updated 2016 PPWE Work Plan.</p> <p>It supports the PPWE Strategic Plan 2015-2018</p> <p>The key objective is to deepen understanding of APEC economies on how gender diversity on boards and in senior management of companies positively affect for its corporate growth, by sharing companies good practices</p>	Human Capital Development SMEs Inclusive Growth	
PPWE 03 2016S Next Steps for Women's Entrepreneurship in APEC (WE-APEC), Phase 2	<p>Project in implementation;</p> <p>It is been completed a workshop in which a number of APEC economies and private sector representatives discussing where WE-APEC should go, what does it need to be improved, how will we continue to learn from best practices, the lessons, and the really interesting innovating work that has been done domestically.</p>	<p>Self-Funded Project by the United States. Endorsed by PPWE in 2016.</p> <p>Included in the updated 2016 PPWE Work Plan.</p> <p>In response to 2014, APEC Ministers that committed to the development of an Asia-Pacific regional women's entrepreneurship network to help women in all 21</p>	Human Capital Development SMEs Inclusive Growth Regional Economic integration	

		<p>APEC economies expand their opportunities to participate in regional trade and economic growth.</p> <p>It highlighted 2 areas: building connections and capacity building.</p>		
<p>PPWE 01 2016 Individual Action Plan for the Enhancement of the Ratio of Women's Representation in Leadership (Mid-term Review Study and Public-Private Dialogue)</p>	<p>Project in implementation: will focus on Conduct a study to find out good practices on the policies as well as actions taken for promoting women's representation in leadership; Holding a Public-Private Dialogue (PPD); Utilizing the outcomes of the study as well as PPD as a reference, to support continuous development and implementation of economy-specific Individual Action Plans.</p> <p>The Key objective is to improve women's participation into leadership and decision-making process within each economy, this project contributes to the realization of the APEC Leader's priorities.</p>	<p>APEC funded project in Session 1-2016. Endorsed and Scored by PPWE. Proposing economies: Japan and Vietnam.</p> <p>Included in the updated 2016 PPWE Work Plan.</p> <p>Supportive to the APEC PPWE Strategic Plan 2015-2018.</p> <p>In response to APEC 2014 WEF Statement, in which all APEC economies encouraged to work toward establishing measurable and aspirational voluntary goals, including women's representation in leadership and decision making roles and positions in both public and private sectors, which economies could work toward achieving by the end of 2020.</p> <p>In response to 2015 APEC Leader's Declaration and APEC 2015 WEF that reaffirmed the importance of promoting women's representation in leadership.</p> <p>Contributes to 2016 APEC Main Theme. Also, contributes to the PPWE Strategic Plan 2015-2018, by promoting the one of the PPWE five pillars "leadership, voice, and agency".</p>	<p>Human Capital Development Inclusive Growth</p>	<p>In collaboration with HRDWG</p>
<p>PPWE 02 2016 Women as Prime Movers of Inclusive Business</p>	<p>Project in implementation: will focus on It aims to provide more understanding on the importance of IB in helping narrow the chasm between the rich and the poor, alongside addressing the gender gap. It aspires to provide a fresh perspective on how businesses that recognize gender-based constraints reap substantial benefits and trickle-down results up to those in the base of the pyramid (BoP).</p> <p>Conduct a survey to compile success stories and</p>	<p>APEC funded project in Session 1-2016.</p> <p>Endorsed and Scored by PPWE.</p> <p>Proposing economy: Philippines.</p> <p>Included in the updated 2016 PPWE Work Plan</p> <p>Supportive to the APEC PPWE Strategic Plan 2015-2018.</p>	<p>Human Capital Development SMEs Inclusive Growth</p>	<p>In Coordination with IEG</p>

	<p>best practices of member economies initiatives to promote inclusive business. A workshop to present the preliminary findings and recommendations of the study and then a concluding workshop to share the results of the study and discuss next steps. To Build awareness and support among companies, women and communities on successful IB model for future replication</p>	<p>In response to APEC Women and the Economy 2015 Fora theme “Women as Prime Movers of Inclusive Growth”</p> <p>In response to 2015 APEC Leader’s Declaration (women’s economic potential, and participation of MSMEs).</p> <p>Aligned to the APEC 2016 Main Theme</p> <p>It supports the implementation of the Boracay Action Agenda to globalize micro, small and medium enterprises (MSMEs); the Cebu Action Plan advocating for more inclusive financing; and the Iloilo Initiative supporting the capacity building of MSMEs.</p>		
<p>PPWE 03 2016 Towards the Construction of Public-Private Strategies to Reduce the Costs of Gender-based Violence in APEC Economies</p>	<p>Project in implementation: will focus on A study that identifies and organizes successful experiences carried out in the APEC economies by public and private sectors to prevent gender-based violence, providing evidence for businesses so they can act preventing it, and the costs such violence could generate. A Workshop on the methodologies used in the APEC economies to measure and assess the economic costs on GBV. A Workshop on successful experiences preventing gender-based violence and reducing generating costs.</p>	<p>APEC funded project in Session 1-2016.</p> <p>Endorsed and Scored by PPWE.</p> <p>Proposing economy: Peru.</p> <p>Included in the updated 2016 PPWE Work Plan.</p> <p>Supportive to the APEC PPWE Strategic Plan 2015-2018.</p> <p>Aligned to the 2015 APEC Leaders’ Declaration “Building Inclusive Economies, Building a Better World.</p> <p>Deliverable from the 2016 APEC Women and the Economy Forum</p>	<p>Human Capital Development Inclusive Growth Regional Economic Integration</p>	<p>Will coordinate with HRDWG and HWG</p>
<p>PPWE 01 2015 A Successful Cases of Women-Owned Small and Medium Enterprises (SMEs) in Foreign Trade</p>	<p>Project in implementation (31.12.2016) Focus on: Compilation of cases of women’s SMEs that have been successful in participating in international trade. Public-Private workshop, where a group of outstanding women would have a platform to personally present their experiences, Publication in a digital format of the successful cases compilation entitled “Women’s SMEs:</p>	<p>APEC funded project in Session 2-2015. Endorsed and Scored by PPWE. Proposing economy: Chile</p> <p>Expected Completion date: 31/12/2016.</p> <p>Supportive to the PPWE Strategic Plan 2015-2018</p> <p>In response to 2014 APEC Leaders’ Declaration (promoting women entrepreneurship)</p>	<p>Human Capital Development SMEs Inclusive Growth</p>	<p>SMEWG representatives will be invited to the Workshop</p>

	<p>Conquering International Markets." It seeks to promote and encourage the participation of Women-owned SMEs in foreign trade through the collection and dissemination of success stories, as well the exchange of best practices</p>	In response to 2015 WEF Statement.		
<p>M SCE 03 2013A (Sub-forum PPWE) Innovation for Women and Economic Development - Facilitating Women's Livelihood Development and Resilience with ICTs</p>	<p>Project in implementation (31.12.2016) Actions into 3 phases: 1) conducted the inventory and best Case study Practices and the report has been published on "How ICT Economically Empower Women Entrepreneurs; 2) formed teamwork with PPWE Australia on the e-mentoring and learning program and assessment on the crowd funding as an instrument to help women entrepreneur to enhance capital; and find designed a prototype Toolkits and a game based learning tool, "WE boss". 3) A Conclusive Meeting of the Project (September 2016)</p>	<p>APEC funded Multiyear project in Session 1-2013. Endorsed by PPWE. Proposing economy: Chinese Taipei. Expected Completion date: 31/12/2016.</p> <p>Included in the updated 2016 PPWE Work Plan.</p> <p>Supportive to the PPWE Strategic Plan 2015-2016.</p> <p>In response to the 2011 APEC Leader's Declaration, and 2011 San Francisco Declaration (women).</p> <p>Also, in response to the 2012 APEC Women and the Economy Forum.</p> <p>Supported the APEC Small and Medium Enterprise Working Group (SMEWG)'s Strategic Action Plan 2009-2012 to enhance ICT capacity.</p>	<p>Human Capital Development. SMEs Technologies and Innovation Inclusive Growth</p>	<p>Have worked closely with SMEWG and ABAC.</p>

2016 SCE FORA REPORT: *Small and Medium Enterprises Working Group (SMEWG)*

Date: 3 October 2016

Summary

1. Main progress and achievements of 2016

1.1. Meetings: SMEWG has held three meetings since the last report (SMEWG-41 in September 2015, SMEWG-42 in April 2016, and SMEWG-43 in September 2016).

1.2. SMEWG fulfilled the implementation of the Strategic Plan 2013 – 2016 and also developed the Strategic Plan 2017 – 2020 which was approved by SCE in August 2016. The Strategic Plan 2017 – 2020 was formulated in line with the SMEWG's mission statement and taking into account the ongoing APEC initiatives, including the Iloilo Initiative and the Boracay Action Agenda (BAA) to Globalize MSMEs endorsed by Leaders in 2015, the Digital Economy Action Plan (DEAP) welcomed by Ministers, as well as recommendations of the 2015 Independent Assessment.

1.3. Implementation of 2016 Workplan are on track except for the creation of a Database of Retired Business Leaders and Entrepreneurs as SMEs Coaches¹. Due to the transfer of the SME focal point in PNG and time limitation, the paper has not been advanced to the next stage or converted into Concept Note for APEC funding consideration. This will be attended to in the coming time.

1.4. SMEWG has made good progress in the establishment of the APEC MSME Marketplace, a key feature of the Iloilo Initiative, under the championship of the Philippines. The Technical Adhoc Group (TAG) on the APEC MSME Marketplace was established. Its ToR and the Implementation Plan of the APEC MSME Marketplace were likewise approved in April 2016. The Implementation Plan was further improved by the TAG and was approved by the SMEWG last September 7, 2016. The Plan indicated that each economy will voluntarily accomplish the Economy Information Template (IET-A & IET-B), which contains basic information that will support the 3 Pillars of the Marketplace. So far, 16 economies have submitted the template. The TAG which met at the sidelines of the 43rd SMEWG meeting, discussed many issues with regard to information to be supplied in the Marketplace and agreed for a by-phase implementation schedule and inclusion of a website disclaimer. The substantial content of the knowledge center as well as the mechanism to provide inputs to the center were likewise intersessionally discussed by the TAG.

1.5. SMEWG has played an important role to promote and implement the agenda of MSME globalization, which include 18 activities focusing on 5 out of 8 actions in the Boracay Action Agenda. Among them, 16 activities are on-going and two has been completed. SMEWG also actively participated in preparing the Boracay Action Agenda stocktake report in 2016. The draft report were compiled by the APEC Secretariat finalized by the Philippines.

1.6. SMEWG has sought SCE's approval for its updated Terms of Reference, in which the Sunset Clause was revised to be consistent with SCE guidance. The revised Terms of Reference was endorsed at SCE -1 in 2016.

1.7. SMEWG has managed and conducted totally 24 projects since its last for a report, including those were approved in session 1 of 2016. Totally 53 best practices were shared in the three meetings.

1.8. SMEWG's Chair Mr. John Andersen, Deputy Assistant Secretary for the Western Hemisphere in Global Markets, International Trade Administration, the United States of America has completed his term and hand over to the new Chair, Mr. Nguyen Hoa Cuong, Deputy Director General of the Agency of Enterprises Development, Ministry of Planning and Investment of Viet Nam.

2. Recommendations to SCE/SOM: None.

Section I: Main Outcome of Plenary Meetings

¹ The initiative was proposed by Papua New Guinea and welcome by SME Ministers at their Meeting in 2014

1. 41st SMEWG Meeting, September 2015

- The 41st SMEWG Meeting took place in Iloilo City, the Philippines on 23 – 24 September 2015. 20 economies attended with total about 125 delegates.
- The meeting discussed the implementation of the 2015 work plan and several key issues including contribution to the implementation of the Boracay Action Agenda, the proposed Iloilo Initiative to be submitted to the 22nd Ministerial Meeting, issues of internet and digital economy, enhancing cross-fora collaboration and the possible establishment of the SME sub-fund:
 - (i) Noted the draft Implementation Plan of the Boracay Action Agenda and indicators that are relevant for SMEWG.
 - (ii) Endorsed the Digital Economy Action Plan (DEAP) and agreed to present the paper to SME Ministers.
 - (iii) Raised concerns about measuring the impact of the SMEWG's work through the existing KPIs. The SMEWG agreed to pay more attention on choosing the KPIs for the next Strategic Plan 2017-2020.
 - (iv) Discussed priority areas and timeline for developing the Strategic Plan 2017-2020. Economies also reiterated the need to engage private sector in this process.
 - (v) Noted the suggestions to enhance cross-fora collaboration: -APEC Secretariat to serve as focal point; - Concept Notes/initiatives that directly address SMEs issues to be shared with SMEWG for comments/inputs; -Sharing of project Completion Reports; - Domestic collaboration.
 - (vi) Agreed to seek SOM's consideration for its permanent status, and seek SME Ministers' support in this regards.
 - (vii) Discussed the draft SMEMM Ministerial Statement and Iloilo Initiative.
 - (viii) Confirmed hosting of upcoming SMEWG and SME Ministerial Meetings in 2016.
 - (ix) 18 best practices were shared.

2. 42nd SMEWG Meeting, April 2016

- The 42nd SMEWG Meeting was held in Ho Chi Minh City, Viet Nam on 27 – 28 April 2016 with 79 participants from 19 economies.
- SMEWG agreed in principle the draft Strategic Plan 2017 – 2020, including priority areas and Key Performance Indicators (KPIs). The implementation plan was appended as a living document. The meeting agreed to the term “internet and digital economy” to be used to ensure the Strategic Plan reflected and took into account relevant APEC's emerging issues.
- No further comments on the Boracay Action Agenda Implementation Plan and Reporting Mechanism (which was later approved by SOM-2).
- SMEWG discussed the Terms of Reference of the Technical Adhoc Group (TAG) on the APEC MSME Marketplace and the Implementation Plan of the APEC MSME Marketplace (they had been both approved inter-sessionally).
- SMEWG endorsed the proposal by Canada on “Eligibility Criteria and Guidelines for Accessing the Micro, Small and Medium Enterprises Sub-fund”.
- SMEWG discussed 15 best practices.

3. 43rd SMEWG Meeting, September 2016

- The 43rd SMEWG Meeting was held in Lima, Peru on 7-8 September 2016 with 71 participants from 18 economies.

- The meeting discussed the implementation of SMEWG’s 2016 work plan and the implementation schedule of the SMEWG Strategic Plan 2017 – 2020 (which had been approved by SCE-3 in August 2016). Some economies had updated several items in the schedule and no further updates were made at the meeting.
- The concept paper “Greening MSMEs for Sustainable Development in APEC” was approved to be tabled at the 23rd SME Ministerial Meeting for endorsement, then submitted for Leaders’ commitment in November 2016.
- The draft Boracay Action Agenda Stocktake report was presented at the meeting. No further comments were made.
- SMEWG approved: (i) The revised APEC Marketplace Implementation Plan; (ii) A set of recommendations on “Improving Transparency and Eliminating Corruption in the Engineering and Construction Sector in the APEC region” which were the results of the Engineering and Construction (E&C) sector workshop on 5th September in Lima, submitted by the United States.
- SMEWG discussed the “Compendium on Methodologies for SMEs Internationalization” initiative proposed by CTI. During the meeting and inter-sessionally after the 43rd SMEWG meeting in Lima, a number of economies expressed the view that this work should reside in the SMEWG. Further discussions between the SMEWG and CTI should be undertaken on this, and other proposals emanating from the CTI that directly affect SMEs.
- 20 best practices were shared.
- ABAC, ACTWG, and SCSC representatives all expressed interest and identify opportunities of further collaboration with the SMEWG, especially ABAC with its own MSMEWG.
- Australia informed on the next meeting tentatively in Sydney in March 2017.
- As the current Chair’s term concluded, the Chairmanship was handed over to Mr. Nguyen Hoa Cuong, General Deputy Director of the Agency of Enterprises Development, Ministry of Planning and Investment, Viet Nam.
- SMEWG discussed the draft statement of the 23rd SME Ministerial Meeting.

Section II: Progress on Projects and Other Initiatives

Title/ Objectives	Progress made	Mandate	ECOTECH Priorities	Cross-fora collaboration
<p>MSME Marketplace</p> <p>- An interactive repository of APEC activities and member economies' individual efforts as a tool to promote cooperation and linkages across MSMEs and other stakeholders with interest in MSME development</p>	<p>-Established the Technical Ad Hoc Group and endorsed its Terms of Reference;</p> <p>-Endorsed the Implementation Plan</p> <p>- Agreed on the Information Template</p>	<p>Supported by Leaders and endorsed by SME Ministers in 2015</p>	<p>-Developing and strengthening the dynamism of SMEs</p> <p>-Harnessing technologies for the future and supporting innovation</p> <p>- Inclusive growth</p>	
<p>Boracay Action Agenda</p> <p>- To harness the opportunities presented by open and increasingly integrated markets and to take advantage of new opportunities that allow these enterprises to more significantly participate in global trade.</p> <p>- To address barriers to trade and investment that disproportionately impact MSMEs in comparison to larger businesses.</p>	<p>-Underwent the stocktake exercise for 2016 activities.</p>	<p>Endorsed by Leaders and Ministers Responsible for Trade in 2015</p>	<p>-Developing and strengthening the dynamism of SMEs</p> <p>- Structural reform</p> <p>-Harnessing technologies for the future and supporting innovation</p> <p>- Inclusive growth</p> <p>-Regional Economic integration</p> <p>-Developing human capital through capacity building</p>	<p>With various relevant APEC committees and fora.</p>
<p>MSCE 01 2011A - Business Ethics Capacity Building for SMEs in the Medical Devices, Construction and Bio-Pharmaceutical Sectors</p> <p>- Help SMEs overcome the costs and challenges associated with corruption and compliance obligations under various anti-corruption/anti-bribery conventions;</p>	<p>-Workshop held on 5-6 September 2016 at the margins of SMEEMM-23 in Lima</p>	<p>- Endorsed by SMEWG in 2011</p> <p>- Leaders' statement 2012, 2015: Building a competitive, open and transparent business environment.</p> <p>- SMEEMM 2016: Free SMEs from the high costs of corruption and support their ability to access global markets.</p>	<p>-Developing human capital through capacity building</p> <p>-Structural reform</p> <p>-Safeguarding the quality of life through sustainable growth</p>	<p>-Participants from ABAC, ATCWG were invited to the workshop, seminar.</p>

<ul style="list-style-type: none"> -Help SMEs institutionalize ethics concepts; -Expand the number of ethics trainers in APEC economies 		<ul style="list-style-type: none"> - SMEMM 2015: giving intensified attention to business ethics, - SMEMM 2014: Endorsed the “Nanjing Declaration to Promote Ethical Business Environments in the Medical Device and Biopharmaceutical Sectors (2014-2020)”; Support for the Manila Declaration to advance implementation of APEC Principles for the Construction and Engineering Sector. 		
<p>SME 01 2015A: APEC Business Ethics for SMEs Forum: Facilitating Trans-Pacific Collaboration for SMEs</p> <ul style="list-style-type: none"> -Facilitate trans-pacific collaboration by bringing together SMEs, their associations and other key stakeholders operating within and between Asian and Latin American economies to: -Deliver capacity building and showcase best practices; provide a forum to address cultural nuances and emerging ethical challenges; -To advance the implementation of the Nanjing and Manila Declarations. 	<ul style="list-style-type: none"> -Forum held on 5-6 September 2016 back-to-back with an event under project MSCE 01 2011A 	<ul style="list-style-type: none"> -Endorsed by SMEWG in 2015. - Leaders’ statement 2012, 2015: Building a competitive, open and transparent business environment. - SMEMM 2016: Free SMEs from the high costs of corruption and support their ability to access global markets. - SMEMM 2015: giving intensified attention to business ethics, - SMEMM 2014: Endorsed the “Nanjing Declaration to Promote Ethical Business Environments in the Medical Device and Biopharmaceutical Sectors (2014-2020)”; Support for the Manila Declaration to advance implementation of APEC Principles for the Construction and Engineering Sector. 	<ul style="list-style-type: none"> -Developing human capital through capacity building -Developing and strengthening the dynamism of SMEs -Structural reform -Safeguarding the quality of life through sustainable growth 	<ul style="list-style-type: none"> -Participants from ABAC, ATCWG were invited to the workshop, seminar. -Updating relevant APEC fora: ACTWG, LSIF, and ABAC.
<p>SME 02 2015: New Era of Growth for APEC SMEs through Online-to-Offline (O2O) Business Models</p> <ul style="list-style-type: none"> -To assist MSMEs in utilizing O2O to expand market access, internationalization, and high-growth; -To network e-commerce platforms and provide best practices to shorten the time 	<ul style="list-style-type: none"> -APEC SME O2O Forum I held in Viet Nam, April 25, 2016 -APEC SME O2O Training Workshop held in Chinese Taipei, June 3-4, 2016 -APEC O2O Summit: New Era of Growth for SMEs 	<ul style="list-style-type: none"> -Endorsed by SMEWG in 2015 -Leaders’ statement 2015: (i) The internet and digital economy will allow businesses, especially MSMEs, to participate in GVCs; (ii) To advance the work to facilitate the internet and digital economy. - APEC Strategic Blueprint for Promoting Global Value Chains Development and Cooperation 	<ul style="list-style-type: none"> -Developing human capacity through capacity building -Developing and strengthening the dynamism of SMEs -Harnessing technologies for the future and supporting innovation 	<ul style="list-style-type: none"> -Engaged the AHSGIE Chair, ABAC (through representatives from University of Southern California Marshall School of Business) as speakers.

<p>for MSMEs' integration into the international markets;</p> <p>-To deliver a policy recommendations for APEC economies to promote the use of O2O.</p>	<p>held in Chinese Taipei, July 12-13, 2016</p> <p>-APEC SME O2O Forum II held in Peru, September 6, 2016.</p>	<p>endorsed by Leaders in 2014: Facilitating SME access to trade and investment related information via increased utilization of information and communication technologies</p> <p>-SMEEMM-2016: Acknowledged the importance of APEC SME Online-to-Offline (O2O) Initiative</p>	<p>-Inclusive growth</p>	<p>-Cooperated with HRDWG to arrange the O2O best practice visit, in which HRDWG introduced the APEC Skills Development Capacity Building Alliance (ASD-CBA) Initiative and upskilling programs.</p>
<p>SME 03 2015: APEC SME Finance Forum</p> <p>-To link the work on SME financing completed by the Asia Pacific Financial Forum (APFF) and its member financial institutions with SMEs;</p> <p>-To provide SME Ministers and SMEWG delegates with information on SME finance mechanisms for further extending to SMEs;</p> <p>-To provide SMEs with information on where to seek financial advisors, and what type of financing mechanism is appropriate for their particular level of development.</p>	<p>-APEC SME Finance Forum held on September 22, 2015 in Iloilo City on the margins of the APEC SMEWG and SME Ministerial Meeting</p>	<p>-Endorsed by SMEWG in 2015</p> <p>- Leaders' Statement 2015: Recognize the importance of MSMEs' access to finance as a key enabler of MSME expansion, internationalization, and productivity improvement.</p> <p>- Leaders' Statement 2014: Enhance our SMEs global competitiveness by improving access to finance and markets.</p> <p>-SMEEMM 2016: Modernization of SMEs will imply concrete progress in...guaranteeing access to financial means and capacity building.</p>	<p>-Developing human capacity through capacity building</p> <p>-Developing and strengthening the dynamism of SMEs</p> <p>-Inclusive growth</p>	<p>-The Forum agreed to the establishment of an APEC Financial Infrastructure Development Network (FIDN), which was then launched in November 2015 under the Finance Ministers' Process.</p>
<p>SME 04 2015: APEC SME Internationalization Model Indices: Development and Application</p> <p>-To establish APEC model indices to measure SMEs' level of internationalization in an economy</p> <p>-To diagnose SME internationalization status of participating APEC economies and to collect relevant data, as a process of examining the feasibility of the indices in the region</p>	<p>-Pilot Case studies done. Final reported drafted. Activities: 4 pilot studies in 4 participating economies;</p> <p>-SME internationalization Indices to be published-</p>	<p>-Endorsed by SMEWG in 2015</p> <p>- Leaders' Statement 2015: Underscore the significance of the participation of MSMEs in global commerce; need to address the barriers to their internationalization and integration into GVCs.</p> <p>- Iloilo Initiative and Boracay Action Agenda 2015.</p> <p>-SMEEMM 2016: Further encouraged economies to continue the development of initiatives that will benefit MSMEs in the region and contribute to their capacity to internationalize; Welcomed</p>	<p>-Developing and strengthening the dynamism of SMEs</p> <p>-Regional Economic integration</p>	<p>-Built on the PSU's Policy Brief on "SMEs Internationalization and Measurement" as key reference</p> <p>-Report to be shared with CTI</p>

<p>-To devise a set of recommendations for APEC economies to build capacity for successful internationalization</p>		<p>the results of the project and acknowledged that they would contribute to Internationalization of SMEs in the APEC region.</p>		
<p>SME 05 2015A: Enhancing MSMEs' Access to the Digital Economy</p> <p>-To exchange information on challenges for MSMEs;</p> <p>-To highlight best practices for supporting MSME access;</p> <p>-To increase awareness of private sector efforts to integrate MSMEs into global and regional markets</p>	<p>-Workshop held in Viet Nam in April 2016.</p> <p>-Completed</p>	<p>-Endorsed by SMEWG in 2015</p> <p>-Leaders' statement 2015: (i) The internet and digital economy will allow businesses, especially MSMEs, to participate in GVCs; (ii) To advance the work to facilitate the internet and digital economy.</p> <p>- APEC Strategic Blueprint for Promoting Global Value Chains Development and Cooperation endorsed by Leaders in 2014: Facilitating SME access to trade and investment related information via increased utilization of information and communication technologies.</p> <p>-SMEMM 2016: Noted the outcomes of the workshop; Recognized the importance of the opportunities that the digital economy offers to MSMEs.</p>	<p>-Developing Human capital through capacity building</p> <p>-Developing and strengthening the dynamism of SMEs</p> <p>-Harnessing technologies for the future and supporting innovation</p>	<p>-Engaged the AHSGIE Chair and ABAC (through representatives from University of Southern California Marshall School of Business) as the speakers to share their insights and expertise.</p>
<p>SME 06 2015T: APEC Public - Private Dialogue on Identifying and Addressing Difficulties and Challenges that hinder SMEs from taking trade benefits and advantages of RTAs/FTAs in the region</p> <p>-To increase the awareness about benefits of the implementation of signed RTAs/FTAs to SMEs;</p> <p>-To develop policy recommendations to address potential difficulties and challenges that hinder SMEs from taking advantage of benefits of signed RTAs/FTAs;</p>	<p>-Workshop was held in Ha Noi on 7-8/1/2016</p>	<p>- Endorsed by SMEWG in 2015</p> <p>- Leaders' Statement 2015: Empowering all sectors and segments of society, including MSMEs, with the ability to contribute to and benefit from future growth</p> <p>- Leaders' Statement 2013: empowering our SMEs to expand to international markets and to participate in global supply chains</p> <p>- Joint Ministerial Statement of APEC Trade and SMEs Ministers in 2011: Focusing on difficulties in taking advantage of preferential tariff rates and other aspects of trade agreements. Reiterated in SMEMM 2012.</p> <p>-Further globalization of SMEs as instructed by SMEMM in recent years.</p>	<p>-Developing and strengthening the dynamism of SMEs</p> <p>-Regional Economic integration</p>	

<p>-To share best practices and experiences on how to utilize opportunities from RTAs/FTAs;</p> <p>-To provide a platform for networking among key actors to foster effective inter-sectoral collaboration.</p>				
<p>SME 07 2015A: APEC Workshop on Promoting SMEs' Participation in the Food Supply Chain</p> <p>-To identify impediments, challenges for APEC SMEs while participating in the food supply chain;</p> <p>-To share experiences and best practices in addressing impediments to promote SMEs' participation in food supply chain;</p> <p>-To provide platforms for APEC economies to make recommendations to promote SMEs in food supply chain;</p> <p>-To explore further cooperative opportunities among APEC economies in promoting SMEs' participation in food supply chain.</p>	<p>-Workshop organized in May 2016 in Viet Nam</p>	<p>-Endorsed by SMEWG in 2015</p> <p>- Leaders' Statement 2015: need to address the barriers to MSMEs internationalization and integration into GVCs.</p> <p>- Iloilo Initiative and Boracay Action Agenda 2015.</p> <p>- APEC Strategic Blueprint for Promoting Global Value Chains Development and Cooperation endorsed by Leaders in 2014: Assist SMEs to benefit from GVCs</p> <p>-Further globalization of SMEs as instructed by SMEMM in recent years.</p>	<p>-Developing and strengthening the dynamism of SMEs</p> <p>-Inclusive growth</p> <p>-Regional Economic integration</p>	<p>-Cooperate with ABAC to invite suitable speakers and experts.</p>
<p>SME 08 2015T: APEC Seminar on Promoting SME's Integration into Environmental Goods and Services (EGS) Global and Regional Markets</p> <p>-To provide overview of EGS markets in the APEC region with a focus on identifying SMEs' obstacles in access to EGS markets;</p> <p>-To exchange good practices and experiences in supporting SMEs' integration into EGS markets;</p>	<p>-Workshop was organized on 28 – 29 Jul 2016 in Viet Nam</p>	<p>-Endorsed by SMEWG in 2015</p> <p>- Leaders' Statement 2014: commitment to reduce applied tariffs on the list of environmental goods</p> <p>- MRT Statement 2015: welcome progress in developing an action plan on liberalization, facilitation, and cooperation on environmental service</p> <p>-APEC 2015's priority on "fostering SMEs' participation in regional and global markets" and Boracay Action Agenda to Globalise MSMEs</p>	<p>-Developing and strengthening the dynamism of SMEs</p> <p>-Regional Economic integration</p> <p>-Safeguarding the quality of life through sustainable growth</p>	<p>-CTI and ABAC were invited to nominate speakers and participants.</p>

<p>-To provide a platform for APEC policy makers, regulators, officials and interested stakeholders to discuss measures to develop EGS markets for SMEs.</p>				
<p>SME 02 2015S: Harmonisation of Standards for the Movement of Data across APEC Economies</p> <p>-To develop a platform to consider opportunities for harmonising standards and regulations for the movement of data across APEC.</p> <p>-To propose recommendations for the development and implementation of standards-related work program supported by National Standards Bodies (NSBs).</p>	<p>-Organized a workshop to further the issues paper and explore opportunities for standards harmonisation and regulatory coherence for the free flow of data across APEC economies (4-5 Nov 2015).</p> <p>-Published the APEC Host Final Report (June 2016).</p>	<p>-Endorsed by SMEWG in 2015</p> <p>- Leaders' statement 2012, 2015: Building a competitive, open and transparent business environment.</p> <p>-SME Ministers 2015: Advance Modernization and Standards and Conformance Of MSMEs; Heighten MSME's compliance capacities</p>	<p>-Regional economic integration</p> <p>-Structural reform</p>	
<p>SME 04 2015S : The 9th APEC SME Technology Conference and Fair (APEC SMETC)</p> <p>-To provide a platform for cooperation, exchange and innovative development of APEC SMEs.</p>	<p>-Event was organized on 14 – 16 Jul 2016 in Shenzhen, China.</p>	<p>-Endorsed by SMEWG in 2015</p> <p>- Leaders' Statement and Strategic Blueprint for Promoting Global Value Chains Development and Cooperation 2014: commit to strengthen support, and provide an enabling environment for SMEs in innovation activities; increased utilization of information and communication technologies (ICTs)</p> <p>- SMEEM 2014 endorsed the "Nanjing Declaration on Promoting SME Innovative Development".</p> <p>- Welcomed by SMEEM 2015, 2016.</p>	<p>-Developing and strengthening the dynamism of SMEs</p> <p>-Harnessing technologies for the future and supporting innovation</p>	
<p>SME 01 2016A: APEC Online-to-Offline (O2O) Initiative - Enhancing SME Digital Competitiveness and Resilience towards Quality Growth</p>	<p>-Project proposal endorsed and APEC funding was approved.</p> <p>-To be implemented from 12/2016 – 12/2017.</p>	<p>-Endorsed by SMEWG in 2016.</p> <p>-Leaders' statement 2015: (i) The internet and digital economy will allow businesses, especially MSMEs, to participate in GVCs; (ii) To advance the work to facilitate the internet and digital economy.</p>	<p>-Developing human capital through capacity building</p> <p>-Developing and strengthening the dynamism of SMEs</p>	<p>-EPWG, HRDWG, PPWE, ABAC, and AHSGIE will be invited to join the expert network; co-host or attend events.</p>

<p>-To raise the SMEs' awareness and improve their know-how on enhancing of Digital Competitiveness and Resilience;</p> <p>-To publish an APEC Digital Competitiveness and Resilience Guidebook;</p> <p>-To develop policy recommendations on promoting Digital Competitiveness and Resilience for member economies.</p>		<p>- APEC Strategic Blueprint for Promoting Global Value Chains Development and Cooperation endorsed by Leaders in 2014: Facilitating SME access to trade and investment related information via increased utilization of information and communication technologies</p> <p>-SMEMM-2016: Acknowledged the importance of APEC SME Online-to-Offline (O2O) Initiative</p>	<p>-Harnessing technologies and supporting innovation</p> <p>-Inclusive Growth</p> <p>-Sustainable Growth</p>	
<p>SME 02 2016A: 2017 APEC Business Ethics for SMEs Forum: Facilitating Multi-Stakeholder Ethical Collaborations for Small and Medium Enterprises</p> <p>- Facilitates the implementation of codes of ethics and ethical collaborations within target sectors by bringing together SMEs, their industry associations, governments, professional and consumer groups to: (1) adopt the provisions outlined in the APEC Principles, (2) develop scalable ethics training curriculum; (3) address cultural nuances and emerging ethical challenges; and (4) advance full implementation of the Nanjing Declaration to Promote Ethical Business Environments in the Medical Device and Biopharmaceutical Sectors.</p>	<p>-Project proposal endorsed and APEC funding was approved.</p> <p>-To be implemented from 10/2016 – 12/2017.</p>	<p>-Endorsed by SMEWG in 2016.</p> <p>- Leaders' statement 2012, 2015: Building a competitive, open and transparent business environment.</p> <p>- SMEMM 2016: Free SMEs from the high costs of corruption and support their ability to access global markets.</p> <p>- SMEMM 2015: giving intensified attention to business ethics,</p> <p>-SMEMM 2014: Endorsed the "Nanjing Declaration to Promote Ethical Business Environments in the Medical Device and Biopharmaceutical Sectors (2014-2020)"; Support for the Manila Declaration to advance implementation of APEC Principles for the Construction and Engineering Sector.</p>	<p>-Developing human capital through capacity building</p> <p>-Developing and strengthening the dynamism of SMEs</p> <p>-Structural reform</p> <p>-Quality of life through sustainable growth</p>	<p>-Outcomes from this project will be communicated to LSIF, ACTWG, ABAC.</p>
<p>SME 03 2016T: APEC Public – Private Dialogue on Enhancing Capacities of MSMEs in Exporting Services</p> <p>-To provide a platform for open dialogue between the public and the private sectors on the current state-of-play as well as opportunities and challenges of APEC services MSMEs;</p>	<p>-Project proposal endorsed and APEC funding was approved.</p> <p>-To be implemented from 6/2016 – 12/2017.</p>	<p>-Endorsed by SMEWG in 2016.</p> <p>- Leaders' statement 2014: Enabling the full participation of all sectors and segments especially MSMEs to achieving inclusive growth; reiterated "the significance of the participation of MSMEs in global commerce</p> <p>- Boracay Action Agenda 2015.</p>	<p>-Developing human capital through capacity building</p> <p>-Developing and strengthening the dynamism of SMEs</p> <p>-Inclusive growth</p>	

<p>-To discuss the ways to promote the capacities of exporting services of MSMEs through sound policies, technical assistances, skill development etc.</p> <p>-To provide an opportunity for networking among MSME experts from the public and the private sectors.</p>		<p>-Further globalization of SMEs as instructed by SMEMM in recent years.</p>		
<p>SME 04 2016A: APEC Workshop on Enhancing Policy Environment to Promote SMEs' Participation in Energy Efficiency Products Market</p> <p>-To gaining overview of current policy environment for energy efficiency products in the APEC region, and overview of SMEs' participation in the said market;</p> <p>-To discuss experiences and best practices in how to facilitate the policy environment to promote SMEs' participation in energy efficiency products markets;</p> <p>- To make recommendations on how APEC can lead in promoting energy efficiency products.</p>	<p>-Workshop to be held in Viet Nam in October 2016</p> <p>-Invitation and general information were sent out in August 2016.</p>	<p>-Endorsed by SMEWG in 2016</p> <p>- Leaders' and Ministers' instruction on promote SMEs globalization and participation in GVCs.</p> <p>-AMM Joint Statement 2013: encouraged officials, in close cooperation with private sector, to implement policies that improve energy efficiency, including capacity building initiatives, joint studies and harmonization of energy efficiency standards.</p> <p>-APEC Ministers in 2015 continue to stress pursuing energy efficiency through the Cebu Declaration issued following the 2015 APEC Energy Ministerial Meeting.</p>	<p>-Developing and strengthening the dynamism of SMEs</p> <p>-Harnessing technologies and supporting innovation</p> <p>-Safeguarding the quality of life through sustainable growth</p> <p>-Regional economic integration</p>	<p>-Invitation sent to EWG</p>
<p>SME 05 2016A: APEC Workshop on Renewable Energy Potentials for Small and Medium Enterprises (SMEs)</p> <p>-To discuss the situation, polices, strategies, programs, technologies etc. on renewable energy applicable for or have impacts on SMEs;</p> <p>-To highlight barriers to accelerate renewable energy markets for SMEs;</p> <p>-To suggest recommendations to assist SMEs in reaping renewable energy potentials.</p>	<p>-Workshop to be held in Viet Nam in 2017</p>	<p>-Endorsed by SMEWG in 2016</p> <p>- AMM Statement 2014: instructed officials to develop knowledge sharing and capacity-building activities relevant to implementing these actions, including exchanging views, experiences, and best practices to promote RCE trade and investment</p> <p>-Promote innovation and competitiveness of SMEs as in recent Leaders' and Ministers' instructions</p>	<p>-Developing and strengthening the dynamism of SMEs</p> <p>-Harnessing technologies for the future and supporting innovation</p> <p>-Safeguarding the quality of life through sustainable growth</p>	<p>-Project outputs should be shared with EWG.</p>

<p>SME 06 2016A: Capability Development for Market-Oriented Innovation Management in SMEs of APEC Member Economies</p> <p>-To explore current status of market – oriented innovation management in SMEs; challenges and oppor-tunities;</p> <p>-To increase the innovation management competences of APEC enterprises, especially SMEs, through enhancing their capacity to implement best practices and methodologies for conceiving, developing, producing and selling innovative products and services;</p> <p>-To contribute to increasing the R&D+I management competences of institutional policy and decision-makers;</p> <p>To make recommendations on how to promote capacity for SMEs in market-oriented innovation management.</p>	<p>-Currently going to sign contracts with experts and clerks.</p>	<p>-Endorsed by SMEWG in 2016</p> <p>- Innovation is always a priority in promoting SMEs growth and development as stated in recent Leaders' and Ministers' instruction.</p> <p>- Leaders' Statement and Strategic Blueprint for Promoting Global Value Chains Development and Cooperation 2014: commit to strengthen support, and provide an enabling environment for SMEs in innovation activities; increased utilization of information and communication technologies (ICTs)</p> <p>- SMEEMM 2014 endorsed the "Nanjing Declaration on Promoting SME Innovative Development".</p> <p>- Leaders' Statement 2015: Promote competition, entrepreneurship, and innovation through effective and comprehensive measures, including balanced intellectual property (IP) systems and capacity-building.</p>	<p>-Developing and strengthening the dynamism of SMEs</p> <p>-Harnessing technologies for the future and supporting innovation</p> <p>-Developing human capacity through capacity building</p> <p>-Structural Reform</p>	<p>-CTI and ABAC will be consulted to develop an in-depth agenda</p>
<p>SME 01 2016S: APEC Best Practices in SME Innovation</p> <p>-To create a database of best practices in SME innovation</p> <p>-To organise the 10th APEC SME Technology Conference and Fair (APEC SMETC)</p>	<p>-Conducting from September 2015 till June 2018;</p>	<p>-Endorsed by SMEWG in 2016</p> <p>- Leaders' Statement and Strategic Blueprint for Promoting Global Value Chains Development and Cooperation 2014: commit to strengthen support, and provide an enabling environment for SMEs in innovation activities; increased utilization of information and communication technologies (ICTs)</p> <p>- SMEEMM 2014 endorsed the "Nanjing Declaration on Promoting SME Innovative Development".</p> <p>- Boracay Action Agenda 2015</p>	<p>-Developing and strengthening the dynamism of SMEs</p> <p>-Harnessing technologies for the future and supporting innovation</p>	

<p>SME 02 2016S: Greening MSMEs: A Pathway Towards Sustainable Economic Growth in the APEC Region</p> <p>-To raise awareness on the green economy including the benefits of green technologies, investments and standards;</p> <p>0To disseminate best practices on the green economy in APEC;</p> <p>0To explore possible means for APEC members to collaborate on creating a conducive environment for MSMEs to adopt green practices.</p>	<p>-Completed.</p> <p>-A forum and workshop was held in July 2016 in Bangkok, Thailand</p>	<p>-Endorsed by SMEWG in 2016</p> <p>- APEC Strategy for Strengthening Quality Growth 2015: prioritize institution building, social cohesion, and environmental impact.</p> <p>- In line with APEC Growth Strategy 2010: promoting the green economy, low-carbon and energy efficient technologies and improving natural disaster resilience to mitigate climate-related risks, in order to facilitate MSMEs engagement in Global Value Chains (GVCs).</p> <p>-Promote sustainable growth of SMEs through innovation as in Leaders' and Ministers' instructions in recent year such as the Nanjing Declaration and Boracay Action Agenda.</p>	<p>-Developing and strengthening the dynamism of SMEs</p> <p>-Harnessing technologies for the future and supporting innovation</p> <p>-Safeguarding the quality of life through sustainable growth</p>	
<p>SME 03 2016S: Supporting Women-led SME's Access Global Markets by Implementing Gender-Responsive Trade Promotion Policies and Programs</p> <p>- To provide technical training to five economies' trade promotion agency officials, who are responsible for fostering greater export of goods and services</p>	<p>-A Roundtable was held in Kuala Lumpur in June 2016.</p> <p>-Workshops was held in Peru (August 2016), to be held in Vietnam (December 2017) and PNG (by mid-2017).</p>	<p>-Endorsed by SMEWG in 2016</p> <p>- Leaders' Statements: expand women's participation in the economy ... particularly for women-owned SMEs (2013); assisting SMMEs at an early stage, and expanding opportunities for youth and women (2012)</p> <p>-Policy measures for the inclusive development of Women SMEs set out in the SMEMM 2013; welcomed by the SMEMM 2016.</p>	<p>-Developing human capital through capacity building</p> <p>-Inclusive growth - addressing the social dimension of globalisation, health, gender</p> <p>-Structural reform</p>	<p>-The project will further the priorities of PPWE.</p>
<p>SME 04 2016S: Inclusive Growth through Greater Involvement of SMEs into B2B and B2G Markets</p> <p>-To promote and encourage the participation of SMEs in international supply chains in B2B markets and in domestic B2G markets through</p>	<p>-Survey and report to be completed in 2016. Survey was already circulated.</p>	<p>-Endorsed by SMEWG in 2016</p> <p>- APEC Strategy for Strengthening Quality Growth 2015: emphasized the need to fight exclusion and marginalization.</p> <p>- Leaders' Statement 2012: commit to continue building competitive, open and transparent business environments, assist SMMEs' internationalization and support of export-</p>	<p>-Developing and strengthening the dynamism of SMEs</p> <p>-Structural reform</p>	<p>-Project will be implemented in collaboration with PPWE.</p>

<p>systemizing opportunities and sharing best practices.</p>		<p>oriented SMMEs, strengthen their access to markets and financing, and promote innovation</p> <ul style="list-style-type: none"> - SMEMM 2012: instructed officials to continue efforts to reduce such barriers and to improve business environment. -SMEMM 2016: welcomed the outcomes of the projects 		
<p>SME 05 2016S: APEC Workshop on SME Internationalization Model Indices</p> <ul style="list-style-type: none"> -To share the results of the project “APEC SME Internationalization Model Indices: Development and Application” (SME04 2015) -To discuss ways to globalize SMEs in the APEC region. 	<ul style="list-style-type: none"> -Workshop to be held in October 2016 -To share the results of the project “APEC SME Internationalization Model Indices: Development and Application” (SME04 2015) -To discuss ways to globalize SMEs in the APEC region. 	<ul style="list-style-type: none"> -Endorsed by SMEWG in 2016 - Leaders’ Statement 2015: Underscore the significance of the participation of MSMEs in global commerce; need to address the barriers to their internationalization and integration into GVCs. - Iloilo Initiative and Boracay Action Agenda 2015. -SMEMM 2016: Further encouraged economies to continue the development of initiatives that will benefit MSMEs in the region and contribute to their capacity to internationalize 	<ul style="list-style-type: none"> -Developing and strengthening the dynamism of SMEs -Regional Economic integration 	
<p>SME 06 2016S: Digital trade policies for the development of digital SMEs</p> <ul style="list-style-type: none"> -To discuss public policies for the promotion of development of SMEs through the use of technology within new digital businesses. 	<ul style="list-style-type: none"> -Workshop held in 5 September in Lima, Peru in conjunction with 43rd SMEWG and 23rd SME Ministerial Meetings 	<ul style="list-style-type: none"> -Endorsed by SMEWG in 2016 -Leaders’ statement 2015: (i) The internet and digital economy will allow businesses, especially MSMEs, to participate in GVCs; (ii) To advance the work to facilitate the internet and digital economy. - SMEMM 2014: Nanjing Declaration on Promoting SME Innovative Development -SMEMM 2016: Recognized the importance of the opportunities that the digital economy offers to MSMEs. 	<ul style="list-style-type: none"> -Developing and strengthening the dynamism of SMEs -Harnessing technologies for the future and supporting innovation -Structural reform 	

<p>SME 07 2016S: Green and Sustainable MSMEs in the APEC region</p> <p>-To promote the conservation of the environment by fostering MSMEs productivity, the sustainable patterns of production, the efficient use of resources, including energy and clean technologies.</p>	<p>-Workshop held in 6 September in Lima, Peru in conjunction with 43rd SMEWG and 23rd SME Ministerial Meetings</p>	<p>-Endorsed by SMEWG in 2016</p> <p>- APEC Strategy for Strengthening Quality Growth 2015: prioritize institution building, social cohesion, and environmental impact.</p> <p>- In line with APEC Growth Strategy 2010: promoting the green economy, low-carbon and energy efficient technologies and improving natural disaster resilience to mitigate climate-related risks, in order to facilitate MSMEs engagement in Global Value Chains (GVCs).</p> <p>-Promote sustainable growth of SMEs through innovation as in Leaders' and Ministers' instructions in recent year such as the Nanjing Declaration and Boracay Action Agenda.</p>	<p>-Developing and strengthening the dynamism of SMEs</p> <p>-Harnessing technologies for the future and supporting innovation</p> <p>-Safeguarding the quality of life through sustainable growth</p>	
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2016 SCE FORA REPORT: Telecommunications and Information Working Group (TELWG)**Date: 8 September 2016****Summary****1. Main progress and achievements of 2016**

1. TELWG conducts its work programme through its three steering groups i.e. Liberalization Steering Group (LSG), ICT Development Steering Group (DSG) and Security and Prosperity Steering Group (SPSG) in line with TEL Strategic Action Plan 2016-2020 (TEL SAP 2016-2020) priority areas:

- Develop and support information and communications technologies ICT innovation;
- Promote a secure, resilient and trusted ICT environment;
- Promote regional economic integration;
- Enhance the Digital Economy and the Internet Economy; and
- Strengthen cooperation.

2. The TELWG 2016 Work Plan is aligned with the Leaders/Ministers/SOM/SCE Priorities and decisions and ABAC recommendations as follows:-

- APEC Connectivity Blueprint;
- Boracay Action Agenda to Globalize MSMEs;
- APEC Services Cooperation Framework;
- APEC Disaster Risk Reduction (DRR) Framework; and
- APEC initiative to Promote the Development of the Internet Economy.

3. Fifteen (15) projects have been lined up in 2016 to complete this work plan, in which eight (8) projects have been implemented as of TEL53 in June 2016. The remaining and new projects will be carried out in the upcoming TEL54 meeting in November 2016.

TEL contributed to the implementation of the APEC Connectivity Blueprint through the following initiatives:

- Endorsement of the amendments to (i) Guidelines for Market Surveillance and (ii) A Guide for Industry to APEC TEL Confirmation Assessment and Mutual Recognition Arrangement (CA & MRA) in October 2015;
- APEC Workshop on promoting secure public Wi-Fi usage based on Malaysian experience conducted on 14 June 2016;
- Workshop on Social inclusion of people with disabilities, conducted on 15 June 2016;
- Workshop on Indicators of Information Society Development in the APEC Region;
- Regulatory and Industry Roundtables on ICT Innovation and ICT Connectivity, Connecting People and Things, and Public Policies for ICT, organised by New Zealand and Peru at TEL52 & TEL53, respectively;
- Extension of ICT Application for the People with Special Needs (Seniors and People with Disabilities);
- Extension of APEC e-Government Research Center; and
- Extension of APII Testbed Project.

TELWG expects a successful implementation of the Workshop on promoting the next generation broadcasting (4K/8K) and completion of the report on IPv6 Deployment Strategies by November 2016.

TELWG's contribution to the Services Cooperation Framework and the Boracay Action Agenda to Globalize MSMEs through the following activities:

- Facilitating innovative economic development of "Internet + Service Industry", conducted on 15 June, 2016; and

- Regulatory and Industry Roundtables, organised by New Zealand and Peru at TEL52 & TEL53.

TELWG contributed into the APEC Disaster Risk Reduction Framework through the following project:

- Cooperation program on creating a common interoperable approach to improving the efficiency of existing disaster management systems based on ICT, conducted on 30 November 2015.

TELWG contributed considerably into enhanced trust and confidence in the use of ICTs through continued work on Cybersecurity Framework and successfully conducted Cyber Security Awareness Day in October, 2015. It will continue these activities in 2016 and 2017.

2. Recommendations to SCE/SOM

- Note the activities and outcomes of TELWG from October 2015 to June 2016.

Section I: Main Outcome of Plenary Meetings

Since the last report that was presented at SOM3 last year, TELWG met twice.

52nd TEL Meeting, 19-23 October 2015

The 52nd TELWG meeting was conducted in Auckland, New Zealand from 19 October 2015 – 23 October 2015. It was chaired by Mr. Andrey Mukhanov (Russian Federation) and attended by 18 member economies and non-member guests from Internet Society, APLAC, Yahoo Japan Corporation, Crown Fibre Holdings, Google, IANZ, Innovation Partnership, Network for Learning, Northpower Fibre, Sapere Research Group, Spark, TUANZ, A2LA, APNIC, APCERT and INTUG. Key outcomes include:

- Endorsement of (i) Guidelines for Market Surveillance; (ii) A Guide for Conformity Assessment Bodies to the APEC TEL Mutual Recognition Arrangement (MRA); and (iii) A Guide for Industry to APEC TEL Mutual Recognition Arrangement (MRA) to provide clarity on implementation of the APEC TEL MRA;
- Establishment of a new Industry Roundtable on ICT Innovation under the aegis of the Development Steering Group (DSG) to focus on MSME's inclusion and participation in the ICT industry;
- Updated the TEL Strategic Action Plan 2016-2020 (TEL SAP 2016-2020) Prioritization and Planning table to ensure alignment and coherence; and
- Updated the TEL SAP 2016-2020 Other Fora collaboration table to identify possible areas of cross-fora collaboration.

53rd TEL Meeting, 13-17 June 2016

The 53rd TELWG meeting was conducted in Tacna, Peru from 13 June 2016 – 17 June 2016. It was chaired by Mr. Andrey Mukhanov (Russian Federation) and attended by 18 member economies (two of them participated remotely – Brunei and Singapore) and representatives from APCERT, APNIC (represented by LACNIC) and ISOC. Key outcomes include:

- Agreement to undertake a revision of the Terms of Reference of TELWG (last revised in 2009);
- Agreement to map out mechanism and areas of cooperation with AHSGIE;
- Updated the TEL SAP 2016-2020 Prioritization and Planning table to ensure alignment and coherence;
- Updated the TEL SAP 2016-2020 Other Fora collaboration table to identify possible areas of cross-fora collaboration;

- Agreement to actively participate in the activities, connected with the implementation of the Boracay Action Agenda, APEC Disaster Risk Reduction Framework and Services Cooperation Framework;
- Agreement to consider setting up a new Roundtable on the security of ICT and Internet under the aegis of the Security and Prosperity Steering Group (SPSG).

Section II: Progress on Projects and Other Initiatives

Title	Progress made	Mandate	ECOTECH Priorities	Cross-fora collaboration
Industry Roundtable on ICT Innovation 2015 (self-funded)	The Roundtable took place on 19 October 2015 in Auckland, New Zealand. Participants shared experience on ICT Innovation through Public-Private Partnership in the different spheres: governmental banking, data exchange, entrepreneurship and digital economy in general.	Enhancing Physical Connectivity through Public-Private Partnership (APEC Connectivity Blueprint 2015-2025).	Technologies and Innovation.	No
Regulatory Roundtable on Convergence 2015 (self-funded)	The Roundtable took place on 20 October 2015 in Auckland, New Zealand. Participants shared experience on regulatory practices on digital convergence, an industry perspective on convergence, telecommunications law and media convergence.	Enhancing Institutional Connectivity (APEC Connectivity Blueprint 2015-2025).	-Technologies and Innovation; - Structural Reform.	No
Industry Roundtable on ICT Connectivity 2015 (self-funded)	The Roundtable took place on 20 October 2015 in Auckland, New Zealand. Participants shared experience on Public-Private investment in Fibre Broadband, PPP broadband: a wholesaler's perspective, PPP broadband and structural separation, the Australian national broadband network, cross-border data flows and pond and the network for learning.	Enhancing Physical Connectivity through Public-Private Partnership (APEC Connectivity Blueprint 2015-2025).	Technologies and Innovation.	No
Cybersecurity Framework Workshop 2015 (self-funded)	The Workshop took place on 20 October 2015 in Auckland, New Zealand. Participants shared experience on National Cybersecurity Frameworks and National Approaches to Cybersecurity and overviewed the 2002 and 2015 OECD Security Guidelines as well as Strategy to Ensure a Trusted, Secure, and Sustainable Online Environment (TSSOE). The meeting drafted Terms of Reference for the future Framework.	APEC Strategy to Ensure a Trusted, Secure, and Sustainable Online Environment (TSSOE) of 2005.	-Technologies and Innovation, - Human Security.	No
Workshop on Indicators of Information Society Development in the APEC Region, 30 November 2015 (TEL 2014 03 A)	Workshop took place on 30 November 2015 in Moscow, the Russian Federation. Participant discussed new approaches to the measurement of the Information Society development and the best practices in this sphere, noting that TELWG should develop better indicators of the Information Society development. The Workshop agreed on "Recommendations on the system of indicators of information society development in the APEC Region" that were presented for consideration of TELWG.	Enhance the access to ICT and improve connectivity aiming at reducing digital divide, with the focus on remote, deprived and vulnerable groups of people in APEC to contribute to Physical Connectivity (APEC Connectivity Blueprint	- Human Capital Development; - Technologies and Innovation; - Inclusive Growth; - Sustainable Growth.	No

		2015-2025).		
Cooperation program on creating a common interoperable approach to improving the efficiency of existing disaster management systems based on ICT (TEL 2014 04 A)	Workshop took place on 30 November 2015 in Moscow, the Russian Federation. Participant discussed systems of disaster risk reduction and management and shared best practices, as well as new approaches to this matter. Workshop took place on 30 November 2015 in Moscow, the Russian Federation. Participant discussed Proposal on establishing a special APEC Research Center on ICT application for disaster management and people safety management in natural and man-made disasters Workshop on “Cooperation Program on Creating a Common Interoperable Approach to Improving the Efficiency of Existing Disaster Management Systems based on ICT.	APEC Disaster Risk Reduction Framework (2015).	- Technologies and Innovation; - Human Security.	The EPWG Co-Chair sent the written letter and a video message to the Workshop participants. The Workshop report was sent to both Co-Chairs for consideration.
Facilitating innovative economic development of “Internet + Service Industry” (TEL 01 2015A)	Workshop took place on 15 June 2016 in Tacna, Peru. Participants discussed practices and policies in Different Economies as well as practices in different sectors: Healthy Care/ Medical Treatment, Transportation, Education and Finance. The report on the Workshop’s findings will be presented at TEL54 in Japan.	Boracay Action Agenda to Globalize MSME (2015); APEC Services Cooperation Framework (2015).	- Human Capital Development; - Technologies and Innovation; - Inclusive Growth; - Sustainable Growth.	No
Workshop on Social inclusion of people with disabilities (self-funded)	Workshop took place on 15 June 2016 in Tacna, Peru. Participants discussed general international framework of the issue related to people with disabilities, regarding the use and access to telecommunications and ICT’s, in order to promote equality of opportunities for this population, Access to Telecommunications and ICTs for people with visual disability in APEC Region, Access to Telecommunications and ICTs for people with speech or hearing impairment in the APEC Region, Access to Telecommunications and ICTs for people with physical disability in the APEC Region.	Increase human development potential through consideration of possible ways to actively include remoted and socially deprived and vulnerable people into economic activities to enhance People-to-People Connectivity.	- Human Capital Development; - Technologies and Innovation; - Inclusive Growth; - Sustainable Growth.	No
APEC Workshop on promoting secure public Wi-Fi usage based on Malaysian experience	Workshop took place on 14 June 2016 in Tacna, Peru. Participants discussed the experiment that was aimed to raise awareness on the security of using public Wi-Fi in Malaysia in 2015. For this experiment Malaysia undertook to configure fake public Wi-Fi hotspots to lure unsuspecting users to make use of the service. Those utilizing the hotspot had their information recorded for analysis. They also looked at the similar experience in London, conducted in 2014 and the	Enhancing Physical Connectivity through development of ICT infrastructure and improvement of provision of the access to	- Technologies and Innovation; - Human Security.	No

(self-funded)	Philippines experience on Free Wi-Fi Internet Access in Public Places Project.	broadband Internet (APEC Connectivity Blueprint 2015-2025).		
Industry Roundtable: Connecting People and Things 2016 (self-funded)	Industry Roundtable took place on 14 June 2016 in Tacna, Peru. Participants discussed backbone networks for connectivity, connecting People in rural and remote areas, spectrum requirements for increasing traffic demand, the Cloud Computing game changer that leverages the connectivity, revolution that enables citizens and governments, spectrum secondary market and challenges of IPv6 implementation.	Enhancing Physical Connectivity through development of ICT infrastructure and improvement of provision of the access to broadband Internet (APEC Connectivity Blueprint 2015-2025).	<ul style="list-style-type: none"> - Human Capital Development; - Technologies and Innovation; - Inclusive Growth; - Structural Reform; - Sustainable Growth. 	No
Regulatory Roundtable: Public Policies for ICT 2016 (self-funded)	Industry Roundtable took place on 14 June 2016 in Tacna, Peru. Participants discussed institutional framework for ICT, e-Health: Australia's My health record initiative, regulatory challenges for the implementation of public policies in ICT, interoperability for government efficiency, promotion of IoT, policies for digital identity.	Enhancing Institutional Connectivity (APEC Connectivity Blueprint 2015-2025).	<ul style="list-style-type: none"> - Human Capital Development; - Technologies and Innovation; - Inclusive Growth; - Regional Economic Integration; - Structural Reform; - Sustainable Growth. 	No

<p>Industry Roundtable on ICT Innovation 2016 (self-funded)</p>	<p>Industry Roundtable took place on 14 June 2016 in Tacna, Peru. Participants discussed development of Big Data, smart cities as a new style of living, promoting innovation and startups in ICTs, OTT startups in the case of digital music, cloud computing for enhancing productivity, applying Cloud Services to business processes.</p>	<p>Enhancing Physical Connectivity through development of ICT infrastructure and improvement of provision of the access to broadband Internet, PPP development (APEC Connectivity Blueprint 2015-2025).</p> <p>Enhancing Institutional Connectivity (APEC Connectivity Blueprint 2015-2025).</p> <p>Development of ICT and e-commerce aiming at establishment of next-generation high-speed broadband networks by 2020 and promotion of ICT use by MSME's (Boracay Action Agenda to Globalize MSME).</p>	<ul style="list-style-type: none"> - Human Capital Development; - SMEs; - Technologies and Innovation; - Inclusive Growth; - Sustainable Growth. 	<p>No</p>
<p>Workshop on promoting the next generation broadcasting (4K/8K) (self-funded)</p>	<p>It was decided that the Workshop will take place in Japan, during TEL54, 31 October - 4 November 2016.</p>	<p>Enhancing Physical Connectivity through development of ICT infrastructure and improvement of provision of the access to broadband Internet (APEC Connectivity Blueprint 2015-2025).</p> <p>Development of ICT and e-commerce aiming at establishment of next-generation high-speed broadband networks by 2020 and promotion of</p>	<ul style="list-style-type: none"> - Technologies and Innovation; - Regional Economic Integration; - Sustainable Growth. 	<p>No</p>

		ICT use by MSME's (Boracay Action Agenda to Globalize MSME).		
Report on IPv6 Deployment Strategies (self-funded)	The questionnaires were circulated by Singapore to Member Economies. The report on the research will be presented in Japan, during TEL54, 31 October - 4 November 2016.	Enhancing Physical Connectivity through development of ICT infrastructure and improvement of provision of the access to broadband Internet (APEC Connectivity Blueprint 2015-2025). Development of ICT and e-commerce aiming at establishment of next-generation high-speed broadband networks by 2020 and promotion of ICT use by MSME's (Boracay Action Agenda to Globalize MSME).	- Technologies and Innovation; - Inclusive Growth; - Regional Economic Integration; - Sustainable Growth.	No
Extension of ICT Application for the People with Special Needs (Seniors and People with Disabilities) (self-funded)	The main goal of this project is to extend the APEC funded project (2011) that has created an effective platform for knowledge exchange on innovation for assistive ICT applications for elderly and disabled people. The project included evaluation of experiences in implementation and manpower training of ICT applications for people with special needs in participating Economies. The planned activities are as below: Firstly, Stakeholders Review Meeting in Italy in June 2016 by Japan, Singapore, USA, Thailand and Chinese Taipei. Secondly, EU Global Summit on e-Ageing in Brussels in Dec. 2016 – Participating as speaker. Thirdly, publication on Smart Silver innovation in APEC region in April 2017.	Increased human development potential through consideration of possible ways to actively include remoted and socially deprived and vulnerable people into economic activities, enhancing people-to-people connectivity (APEC Connectivity Blueprint 2015-2025).	- Human Capital Development; - Technologies and Innovation; - Inclusive Growth; - Sustainable Growth.	No
Extension of APEC e-Government Research Center	The APEC e-Government Research Center at Waseda University was established in 2005 with approved of APEC SOM to provide assistance in looking for solutions to the various challenges of e-Government. It also offers recommendations for the improvement of e-Government implementation. The	Enhancing Institutional Connectivity (APEC Connectivity Blueprint 2015-2025).	- Human Capital Development; - Technologies and Innovation;	No

(self-funded)	Center has organized 4 big workshops – Danang in 2012, Honolulu in 2013, Singapore in 2014 and Tokyo in 2015, invited many experts from Economies to promote the e-Gov. activities in the region. After 10 years since the first evaluation stage of “e-APEC,” the Center is again to be challenged with the task of monitoring its progress while providing recommendations for future work. The planned activities are as below: Firstly, directors meeting of the project in Milan Italy in June 28 during the meeting of International Academy of CIO. Secondly, CIO training program among Japan, USA and Russia.		<ul style="list-style-type: none"> - Inclusive Growth; - Regional Economic Integration; - Structural Reform; - Sustainable Growth. 	
Extension of APII Testbed Project (self-funded)	The proposal promotes the construction and expansion of APII to realize the vision of Asia Pacific Information Society and common prosperity of APEC. The proposal aims to improve the interconnectivity and interoperability of intra/inter-regional networks to enhance regional and global connectivity. The project touched on e-medicine in cooperation with Malaysia. Medical operations have been live-streamed using 4k technology and remote medical consultation videoconferencing. Other project updates on the Korean language learning program broadcasting with Vietnam, a broadcasting network to smartphones. Korea plans to open a new network operation network, with an opening ceremony at the end of the year. Korea also highlighted some events that had been run under the APII; (1) Koren Future Netowrk Centre) agreement ceremony; (2) K-ICT NET Challenge Camp 2; and (3) 40th APAN Conference. Korea plans a contract with new international network service providers for 2016-18. Establishment of PS-LTE testbed site in KOREN FNC. Korea wants to expand the workshop to invite more of it’s partner economies to open up the workshop to share common interests in ICT and Telecommunications.	Enhancing Physical Connectivity through development of ICT infrastructure and improvement of provision of the access to broadband Internet (APEC Connectivity Blueprint 2015-2025).	<ul style="list-style-type: none"> - Human Capital Development; - SMEs; - Technologies and Innovation; - Inclusive Growth; - Regional Economic Integration; - Sustainable Growth. 	No
Research on multi-language email address usage in e-government	The project is pending implementation.	Develop useful ICT solutions for e-government for better institutional connectivity (APEC Connectivity Blueprint 2015-2025).	<ul style="list-style-type: none"> - Technologies and Innovation; - Structural Reform. 	No

2016 SCE FORA REPORT: *Transportation Working Group (TPTWG)*

Date: 19 September 2016

Summary

1. Main progress and achievements of 2016

Land Experts Group

At its meetings in April and September 2016, the Land Experts Group

- Continued its important function of information sharing on road safety developments including those relating to the operation of heavy vehicles and motor cycles, and contributing to the United Nations Decade of Action for Road Safety 2011-2020
- Continued to promote harmonisation of vehicle standards, including in the areas of automated driving technologies, safety enhancements, and environmental protection.
- Continued to promote technological developments including the uptake of electric vehicles.
- Continued to share information on rail safety developments.

Maritime Experts Group

At its meetings in April and September 2016, the Maritime Experts Group continued to:

- promote the role of gateway ports;
- promote port and ship environmental initiatives;
- promote port and ship security;
- promote the cruise ship industry in the APEC region; and
- encourage commonality between economies on such matters as seafarer training.

Aviation Experts Group

At its meetings in April and September, the Aviation Experts Group

- Conducted, at its September meeting, its first trial of holding air services negotiations between volunteering economies. The trial was a success with nine bilateral meetings held.
- Continued its important function of information sharing on aviation safety and security developments.
- Identified areas of future and ongoing work including: enhancing aviation security preparedness; aviation safety initiatives relating to meteorology, aviation emissions reduction; enhanced air navigation performance using new technologies; enhanced flight standards training; and collaboration with the Tourism Working Group to promote tourism within the APEC region.

Intermodal and Intelligent Transport Systems

At its meetings in April and September 2016, the Intermodal and Intelligent Transport Systems Experts Group oversaw initiatives to strengthen supply chain connectivity, promote best practice in transport public-private partnerships, and promote the implementation and use of satellite navigation systems across transport modes.

2. Recommendations to SCE/SOM

Section I: Main Outcome of Plenary Meetings

1. TPTWG42, Port Moresby, Papua New Guinea, April 2016

The meeting was Chaired by Nick Brown, Lead Shepherd, with 14 economies in attendance: Australia; China; Hong Kong, China; Japan; Korea; Malaysia; New Zealand; Papua New Guinea; Philippines; Singapore; Chinese Taipei; Thailand; United States; and Viet Nam. Macao, China, IATA and the IMO attended as guests.

Women in Transportation

Initiatives to promote women's employment in the transport sector, including recruitment and retention, and to promote their safety as transport consumers are continuing areas of focus within the TPTWG. A Women in Transportation Task Force has been established, and got a clear boost from the meeting it held in conjunction with the 9th APEC Transportation Ministers' Meeting in Cebu, the Philippines, in October 2015. Meetings of the Task Force are now a standard agenda item at TPTWG meetings. A well-attended meeting of the Women in Transportation Task Force was held at TPTWG42. An initial focus for the Task Force is the collection of data to help give shape to its work programme.

2. TPTWG43, Kuala Lumpur, Malaysia. 6-9 September 2016

The meeting was Chaired by Nick Brown, Lead Shepherd, with 15 economies in attendance: Australia; Canada; China; Hong Kong, China; Japan; Korea; Malaysia; New Zealand; Papua New Guinea; Russia; Singapore; Chinese Taipei; Thailand; United States; and Viet Nam. Macao, China, the IMO, the International Transport Forum and the non-profit NGO A21 attended as guests.

Review of the Transportation Working Group

Transport Ministers, at their meeting in Cebu on October 2015, directed the TPTWG to conduct a review of its own internal structure to ensure that its current composition of Expert Groups, Sub-Expert Groups, and Task Forces, as well as its interactions with other APEC fora, are appropriate to meeting the transportation needs of APEC Member Economies for the next quarter century. The Lead Shepherd will provide recommendations to Ministers at the next APEC Transportation Ministerial Meeting.

On 5 September 2016, prior to TPTWG43, the Lead Shepherd convened a meeting of Heads of Delegation to consider options for reform of the TPTWG. A high degree of consensus was reached on the benefits of reducing the size of the TPTWG, removing duplication, and the need for improved collaboration with other Working Groups, including by way of holding TPTWG meetings in conjunction with a SOM. The meeting's outcomes are due to be endorsed at the TPTWG meeting scheduled for April 2017, with the aim of seeking Ministerial endorsement in October 2017.

Women in Transportation

A well-attended meeting of the Women in Transportation Task Force was held at TPTWG43. The Task Force has developed a framework organised into five pillars: Education; Recruitment and Entrepreneurship; Retention; Leadership on the employment side; and Safe Use & Access on the mobility side. The Task Force meeting enabled economies to share developments arising from pilot programs linked to the five pillars. In sharing information about the processes used to develop and implement these ongoing pilot programs, the Task Force Chair noted that the group is already achieving its goal of establishing best practices and sharing information intended to shape additional activities to promote women's participation in the transportation sector.

Human trafficking

Transportation Ministers encouraged the TPTWG to collaborate with the Anti-Corruption and Transparency Working Group in combating human traffickers' exploitation of transportation networks in the Asia-Pacific region. As an initial step, presentations were made at TPTWG43 highlighting

transport's role in human trafficking together with initiatives to combat the problem. This initiative was led by the United States with the assistance of the non-profit NGO A21.

Regulation 2025

Rapid advances in transport technology present policy makers with a challenge as to how best to regulate for such changes. Presentations were made at setting out different scenarios for future change together with best practice suggestions as to how they might be regulated for. This initiative was led by New Zealand in conjunction with the International Transport Forum.

Section II: Progress on Projects and Other Initiatives

Title	Progress made	Mandate	ECOTECH Priorities	Cross-fora collaboration
Framework of Heavy Vehicle Safety in Transport Supply Chain for APEC Developing Economies (TPT 01 2016S)	Papua New Guinea held a well-attended workshop at TPTWG42 in April 2016 to consider technical aspects of heavy vehicle safety, including measures to prevent truck roll-over. Following that meeting, Papua New Guinea has continued to develop its thinking on compliance, enforcement and pricing signals, and the importance and benefit of establishing strong partnerships with industry. A further workshop on this issue is scheduled for early 2017 in Brisbane, Australia.	Self-funded project from Papua New Guinea. Endorsed by TPTWG in 2016 Work to explore measures to facilitate heavy vehicle safety improvements is included in the TPTWG Work Plan 2016	- SMEs - Technologies and Innovation - Human Security	
Promoting Cruise Visits to Ports within the APEC Region (TPT 01 2015S)	Japan continues to progress this self-funded project, focussing initially on efforts to promote the cruise industry in Japan. Japan has requested that other economies submit additional information on best practices of cruise promotion activities, in order to complete the APEC Cruise website.	Self-funded project from Japan. Endorsed by TPTWG in 2016, included in the TPTWG Work Plan 2016 Endorsed by the 9 th Transportation Ministerial Meeting (2015)	- Technologies and Innovation - Inclusive Growth - Regional Economic Integration - Sustainable Growth - Human Security	TWG
Attracting Private Investment to Transportation Infrastructure Public-Private Partnerships (PPPs): Training APEC Economies to Better-Package “Bankable Projects” (TPT 03 2015)	In April and July 2016, the United States led two workshops, in Sydney and Mexico City respectively. The Sydney workshop focused on airport and seaport infrastructure while the Mexico City workshop focused on road, rail, transit, bridge, and tunnel infrastructure. These workshops were designed to help economies understand how to build institutional capacity, conduct transportation planning and project selection, manage risk allocation, create a more effective legal environment, and manage procurement issues. All discussions benefited from significant private sector participation. The central idea behind the workshops was to help economies understand what private investors and developers need to see in order to want to invest in a transportation infrastructure PPP project. The final component of this year’s activity in this work stream will be the release of a report that analyses gaps, best practices, and capacity building needs in the Asia-Pacific region to promote more effective transportation infrastructure PPPs. This report will provide some preliminary recommendations to address gaps identified in the region.	Endorsed by TPTWG in 2015, included in the TPTWG Work Plan 2016 Endorsed by the 9 th Transportation Ministerial Meeting (2015) Work on PPP Best Practices in transportation was endorsed by AMM 2015	- Technologies and Innovation - Inclusive Growth - Sustainable Growth - Regional Economic Integration	

Global Supply Chain Resilience: Phase 3 Continued Implementation (TPT 04 2015)	<p>This work stream, which has a Five Year Plan extending from 2013 until 2017, focuses on two areas of work each year: 1) conducting workshops or training on one of the seven principles of supply chain resilience; and 2) working closely with a developing APEC economy to make progress towards resilient supply chains by working on all seven principles at once in the context of an economy-specific Action Plan.</p> <p>A workshop is scheduled to take place in Bangkok, Thailand on 26-27 September 2016. It will focus on “Resilient Responders: recognizing and promoting best practices in human resource and capacity management in the context of supply chain resilience.” A second workshop is scheduled to take place in Ho Chi Minh City, Viet Nam on 26-28 October 2016. This workshop will help Viet Nam develop an Action Plan for Supply Chain Resilience. This will involve work with Viet Nam’s supply chain service providers, its businesses (the users of the supply chain), and its relevant government agencies.</p> <p>A concept note to continue this work stream has won approval and funding support from APEC for 2017. This next phase will focus on best practices in policies, regulations, and flexibility to enable global supply chain resilience.</p>	<p>Endorsed by TPTWG in 2015, included in the TPTWG Work Plan 2016</p> <p>Endorsed by the 9th Transportation Ministerial Meeting (2015) and AMM 2015</p> <p>The work on Global Supply Chain Resilience was endorsed by AELM 2015.</p>	<ul style="list-style-type: none"> - Sustainable Growth - Human Security 	EPWG
APEC – Enhancing Aviation Connectivity and Emissions Reduction via Implementation of Performance-Based Navigation (PBN) Assistance Programme (TPT 05 2015A)	<p>This is a repeat project funded by APEC, sponsored by Thailand, the United States, and the target economies of Indonesia and Mexico. The first of two visits to each economy has been accomplished; the remaining site visits will be completed by the end of October 2016. The contractor for this project will complete a final report after the final visit. Separately, the United States has agreed to provide FAA guidance material on the implementation of PBN procedures.</p> <p>Economies that were the subject of prior APEC-funded PBN projects will be contacted re the status of their implementation.</p>	<p>Endorsed by TPTWG in 2015, included in the TPTWG Work Plan 2016</p> <p>The work on emissions reduction was endorsed by the 9th Transportation Ministerial Meeting (2015) and AMM 2015</p>	<ul style="list-style-type: none"> - Technologies and Innovation - Sustainable Growth 	
APEC Training Course on Common Principles to Shipping Policy (TPT 02 2015T)	<p>The completion report on the 3rd APEC Training Course on Common Principles to Shipping Policy is being progressed. Economies that have not done so have been requested to provide information, no later than October 15, 2016, on port privatisation and port investment.</p>	<p>Endorsed by TPTWG in 2015, included in the TPTWG Work Plan 2016</p> <p>Endorsed by the 9th Transportation Ministerial Meeting (2015)</p>	<ul style="list-style-type: none"> - Human Capital Development - Structural Reform - Sustainable Growth 	
Promotion of Regional Economic Integration	<p>Canada chaired a workshop on 5 September 2016 in Kuala Lumpur. Some of the key messages expressed at the workshop include:</p>	<p>Endorsed by TPTWG in 2015, included in the TPTWG Work</p>	<ul style="list-style-type: none"> - Technologies and Innovation 	

<p>by Developing APEC Gateway Port Connectivity (TPT 01 2015A)</p>	<ul style="list-style-type: none"> • Inland connectivity between the hinterland and the port is critical. The “last mile” is often ignored. • Base cargo is essential to ensure sustainable demand for a gateway port. • Government’s role is to: <ul style="list-style-type: none"> • facilitate and coordinate port development; • ensure a level playing field; • ensure consistent regulations and concession requirements; • underscore the importance of comprehensive and holistic planning, while also stressing the need for execution; • ensure stakeholders are engaged and informed; • Economic impact assessment can be a useful tool. <p>The project’s next step will be the completion of a workshop summary, and the final report by the end of November 2016.</p> <p>At TPTWG43, the Maritime, and Intermodal and Intelligent Transport Systems Expert groups held a joint session with the aim of increasing economies’ understanding and awareness of Gateway ports in the APEC region, and to better appreciate Gateway ports’ function and importance in promoting economic integration.</p>	<p>Plan 2016</p> <p>Endorsed by the 9th Transportation Ministerial Meeting (2015)</p>	<p>- Regional Economic Integration</p>	
<p>International Ship and Port Facility Security (ISPS) Code Implementation Assistance Program (ICIAP) (TPT 01 2014A)</p>	<p>The ICIAP aims to assist APEC Economies develop the capacity required to effectively implement the ISPS Code. The program scope encompasses a transfer of knowledge, lessons learned and best practices related to the implementation of the ISPS Code by subject matter experts located in APEC Economies.</p> <p>The APEC Advanced Drills and Exercise Workshop (ADEW) and Self-Assessment and Audit Training Workshop (SATW) were successfully conducted in five APEC Economies and met the aim, objectives required attainments that APEC and IMO has set.</p>	<p>Endorsed by TPTWG in 2014</p> <p>The work on ISPS Code implementation was endorsed by the 9th Transportation Ministerial Meeting (2015) and AMM 2015</p>	<p>- Regional Economic Integration</p> <p>- Human Security</p>	

2016 SCE FORA REPORT: *Tourism Working Group (TWG)*

Date: 22 September 2016

Summary

1. Main progress and achievements of 2016

TWG Work Plan for 2016 in Response to Leaders/Ministers/SOM/SCE Priorities and Decisions, and to ABAC recommendations.

The APEC Tourism Ministers at the 9th Tourism Ministerial Meeting (TMM9) in Lima, Peru in 2016 met under the theme of "Connecting Asia-Pacific Tourism through Travel Facilitation", to emphasize air connectivity and travel facilitation as key catalysts to further enhance economic development through travel and tourism in the APEC region. The Ministers instructed TWG to develop strategies to support a more connected Asia-Pacific region that fosters efficient and secure travel to help achieve the target of 800 million international tourists among APEC economies by 2025 as agreed to in the Macao Declaration and supported by the Leaders in 2014.

A.TWG Outcomes and Deliverables for 2016:

- 1.1. Second annual State of APEC Tourism Report (under finalisation);
- 1.2. Completion of TWG project on Developing Traveller-Friendly Airports in the APEC Region, with recommendations for best practices;
- 1.3. Completion of TWG project on Developing the Tourism Workforce of the Future through Labour and Skills Development, Certification and Mobility in the APEC Region, with recommendations for best practices;
- 1.4. Completion of TWG project on Developing Air Connectivity in the APEC Region, with market demand driven recommendations for new non-stop flights, hubs, and improved flight schedule connection times, that will help airlines and regulators make faster decisions to improve air connectivity across the APEC Region;
- 1.5. Completion of Increasing Tourist Arrivals in the APEC Region: The Links between Tourism and Inclusive Growth project, which will lay out policy options to strengthen the linkages between tourism and inclusive growth, SME development, and entrepreneurship, as well as make recommendations to achieve the 800 million APEC travellers by 2025;
- 1.6. Development of 1-2 new project proposals/deliverables which support the TWG Strategic Plan and the direction from the Ministers at TMM9, as well as incorporate other fora and the industry, and
- 1.7. Capacity building activities for 2016 include exchange of best practices and experiences among member economies, based on the four Strategic Plan priority areas, at the two TWG meetings in 2016 and determine future areas for collaboration between economies and with industry guests.

B.TWG Cross-cutting issues with other fora:

Travel facilitation. Continue participating in the TFI Steering Council. Work with TFI fora to determine where joint activities/projects can take place. For example, both the TWG and TPTWG are doing work relating to connectivity. TWG will also work with the TFI Steering Committee to further incorporate ongoing TWG activities/projects, particularly during the implementation of the mid-term review of the TFI recommendations.

Skills development. The TWG is implementing a project to explore barriers and benchmark approaches to facilitating labor mobility, enhanced career pathways, and access to improved training. This is a cross-cutting issue with the Human Resources Development Working Group.

Inclusive growth. The Policy Support Unit is undertaking a project for the TWG to explore linkages between tourism and inclusive growth, which is a cross-cutting issue in the 2010 Growth Strategy and the Connectivity Blueprint. Coordination will also be explored with the SME Working Group.

2. Recommendations to SCE/SOM

1. TMM seeks the consideration of APEC's Leaders to include in their Declaration a statement on the importance of travel and tourism as a vehicle for job creation, economic growth, sustainable development, and peace.
2. TWG will request SCE/SOM Endorsement of the Second annual State of Tourism Report (2016)

Section I: Main Outcome of Plenary Meetings

1. **48th APEC Tourism Working Group Meeting, 25-26 May 2016 in Lima, Peru**

- The 48th APEC Tourism Working Group Meeting was chaired by TWG Lead Shepherd, Ms. Jennifer Aguinaga (USA), and attended by 18 APEC member economies, ABAC and 3 Guest organizations.
- The meeting discussed Preparations for the 9th APEC Tourism Ministerial Meeting (TMM9), including the draft Lima Declaration (Ministers' Statement); reported on 6 current and upcoming TWG projects; elected a Deputy Lead Shepherd (Ms Alcinda Trawen of PNG) to fill a vacant post; and discussed the Annual Work Plan and TWG's proposed 2nd State of APEC Tourism Report to be delivered to APEC leaders at the end of 2016.

2. **9th APEC Tourism Ministerial Meeting, 28-29 May 2016 in Lima, Peru**

- The 9th APEC Tourism Ministerial Meeting was chaired by Minister of Foreign Trade and Tourism, Hon. Magali Silva (Peru), and was attended by 19 member economies, ABAC and 4 Guest Organizations.
- The meeting discussed Regional Tourism Development; discussed major topics of importance namely, (i) Developing domestic air connectivity to foster decentralized and inclusive tourism growth and enhance the tourist experience within the APEC region, (ii) Enhancing efforts to support travel facilitation in the APEC region, (iii) Defining an implementation strategy to increase air connectivity in the Asia-Pacific, (iv) Promoting labour skills and workforce programmes to enhance tourism competitiveness in the region, (v) Fostering linkages between tourism and sustainable and inclusive development by enhancing SME development and entrepreneurship, and (vi) Promoting partnerships and joint research with the private sector and academic institutions; issued the Lima Declaration; and mandated the TWG to collaborate and reach out to identified APEC Working Groups

3. **49th APEC Tourism Working Group Meeting, 31 August-02 September 2016 in Kokopo, East New Britain, Papua New Guinea**

- The 49th APEC Tourism Working Group Meeting was chaired by TWG Deputy Lead Shepherd, Ms. Alcinda Trawen (PNG), and attended by 9 APEC member economies and 4 Guest Organizations.
- The meeting discussed the progress on the TWG Strategic Plan, the Annual Work Plan and 2014 Independent Assessment recommendations to date; held a Special Session on Crisis Management and Communications for Tourism (in the wake of terrorism, Zika outbreak and natural disasters); held a closed session on Guests and Non-Member Participation Guidelines; worked to finalise the draft of the 2016 State of APEC Tourism Report; and agreed to not send a representative to the MOI Steering Council.

Section II: Progress on Projects and Other Initiatives

Title	Progress made	Mandate	ECOTECH Priorities	Cross-fora collaboration
TWG 01 2014A: “Develop Air Connectivity in the APEC Region”	Project by Thailand - IATA is finalizing the Consolidated Report, Executive Summary and 21 Economy Reports - TWG awaiting publication and future collaboration with the TPTWG	8 th APEC Tourism Ministers Meeting in Macau set the goal of 800 million international travellers among APEC economies by 2025.	Regional Economic Integration Inclusive Growth	TPTWG
TWG 01 2015: “Developing Traveller-Friendly Airports to Improve the Passenger Experience in the APEC Region”	Project by the United States - Workshop held in May 2016 in Lima, Peru - Draft reports circulated to TWG members and awaiting finalisation	8 th APEC Tourism Ministers Meeting in Macau set the goal of 800 million international travellers among APEC economies by 2025.	Regional Economic Integration Inclusive Growth	
TWG 02 2015: “Developing the Tourism Workforce of the Future through Labour and Skills Development, Certification and Mobility in the APEC Region”	Project by Australia - Workshop held in August 2016 in Kokopo, PNG - Survey conducted until September and case studies request underway to 6 member economies	ECOTECH priority of human capital development is a Peru Year priority. Under the APEC Connectivity Blueprint for 2015-2025, APEC Leaders committed to strengthening people-to-people connectivity through human resources development	Human Capital Development Regional Economic Integration	HRDWG
TWG 01 2016 - APEC Workshop on Volun-Tourism Best Practices: Promoting Inclusive Community-Based Sustainable Tourism Initiatives	Project by Papua New Guinea -PO to conduct RFP with initial guidance from Secretariat		Inclusive Growth Human Capital Development SMEs	

Title	Progress made	Mandate	ECOTECH Priorities	Cross-fora collaboration
Self-Funded Project: APEC Occupational Standards Framework: Pilot in the Travel, Tourism and Hospitality Industry	Project by Australia and Peru		Regional Economic Integration Human Capital Development	HRDWG
Proposed Concept Note (for possible Self-Funding): APEC Strategy to Increase Economic Growth and Support Jobs by Strengthening Regional Maritime and Coastal Tourism	Project by Indonesia -CN did not receive APEC funding at Project Session 2/2016 -PO is considering self-funding from Indonesia, will be re-submitted to the TWG		Regional Economic Integration Inclusive Growth	
Policy Paper on Tourism and Inclusive Growth	Project by the Philippines and PSU -Policy paper has been published by APEC -TWG discussing ways to build on the completed study by PSU	This project supports the ECOTECH priorities of developing human capital through capacity building; developing and strengthening the dynamism of SMEs; and inclusive growth - 2015 APEC host year priorities	Inclusive Growth	PSU
Proposed Concept Note: APEC Economic Study on Impact of Cruise Tourism	Proposal by Papua New Guinea -to be submitted as a Concept Note for Project Session 1/2017		Regional Economic Integration Inclusive Growth	

Title	Progress made	Mandate	ECOTECH Priorities	Cross-fora collaboration
CTI-Project: SMEs Integration into Global Value Chains in Service Industries Initiative	Initiative from Peru as 2016 Host Economy - Provide a set of policy recommendations on how to promote services GVCs and advance cross-border trade in services in order to benefit from services growth. -To date, 3 volunteer economies have compromised on leading works in different key services industries: Peru in the Tourism Sector, Korea in Software and Viet Nam in Logistics and Distribution.		SMEs	CTI
CTWG 01 2016A – APEC Workshop on Strengthening Tourism Business Resilience against the impact of Terrorist Attack	Project by Indonesia -TWG providing support for CTWG only		APEC Consolidated Counter - Terrorism and Secure Trade Strategy	CTWG



STATE OF APEC TOURISM REPORT 2016

IN THE 2014 MACAU DECLARATION, APEC TOURISM MINISTERS AGREED TO A TARGET OF 800 MILLION INTERNATIONAL TRAVELLERS AMONG APEC ECONOMIES BY 2025.

KEY STATISTICS 2015

	APEC	% GROWTH 15/14	% TOTAL APEC ECONOMY	% GLOBAL T&T
T&T GDP (Direct contribution)	US\$1.2 TRILLION	3.5%	2.7%	55%
Arrivals	396 MILLION	5.6%	N/A	33.3%
Receipts	US\$598 BILLION	3.1%	N/A	47.5%
Employment (Direct contribution)	47.9 MILLION	2.0%	3.2%	44.5%
Export Value	US\$550 BILLION	4.0%	5.5%	42%

Sources: WTTC data for 2015 GDP, employment and export value / UNWTO for 2015 arrivals and receipts.

OPPORTUNITIES TO DRIVE GROWTH

1. FACILITATE TRAVEL WHILE MAINTAINING SAFETY AND SECURITY

INDICATORS	<ul style="list-style-type: none"> • Visa Openness Index (% of pop. required to apply for traditional visa): In 2015 only 61% of the world's population required a traditional visa prior to departure (compared to 77% at the beginning of 2008). • Advance Passenger Information Programs: 14 • Trusted Traveller Programs: 10 	TWG WORK	<ul style="list-style-type: none"> • Travel Facilitation Initiative (TFI).** • Developing Smart Traveler Programs to Facilitate International Travel in the APEC Region (Russian Federation, completed). • Developing Traveler Friendly Airports to Improve the Passenger Experience in the APEC Region (United States, ongoing).
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2. INCREASE CONNECTIVITY AND INFRASTRUCTURE CAPACITY

INDICATORS	<ul style="list-style-type: none"> • International air passengers within APEC in 2015: 280 million • Number of international airports: 361 • Airport capacity*: <ul style="list-style-type: none"> ◊ Among the 194 major airports in APEC economies nearly 40% are running above their terminal design capacity (terminals are congested) but by 2031 90% of the major airports in APEC will be full. ◊ 15% of the airports have used more than 70% of the runway capacity. In 15 years almost 40% of APEC airports will run out of runway capacity. 	TWG WORK	<ul style="list-style-type: none"> • Develop Air Connectivity in the APEC Region (Thailand, completed) – Furthered with Transport WG.** • An Assessment of the Role of Taxation in Promoting Travel and Tourism Growth in the APEC region (Philippines, completed).
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3. ENSURE SUSTAINABLE USE OF CULTURAL AND ENVIRONMENTAL ASSETS

INDICATORS	<ul style="list-style-type: none"> • Travel and Tourism is included specifically in three of the UN Sustainable Development Goals. • Number of World Heritage Sites: 245 (1/4th of global) 	TWG WORK	<ul style="list-style-type: none"> • APEC Workshop on Volun-Tourism Best Practices: Promoting Inclusive Community-Based Sustainable Tourism Initiatives (Papua New Guinea, upcoming) • Increasing Tourist Arrivals in the APEC Region: The Links between Tourism and Inclusive Growth (Philippines/Policy Support Unit) • Mainstreaming Ocean Related Issues Initiative (Indonesia, proposed).** • Roundtable on Sustainable Tourism Growth (Vietnam, June 2017)
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4. DEVELOP A MOBILE AND SKILLED WORKFORCE

INDICATORS	<ul style="list-style-type: none"> • Travel & Tourism Talent Gaps – 5 of the 10 economies with greatest talent gaps in meeting demand are from APEC and 2 of the top 10 economies with lowest gaps are from APEC*** • Educating on career path potentials 	TWG WORK	<ul style="list-style-type: none"> • Developing the tourism workforce of the future through labour and skills development, certification and mobility in the APEC region (Australia, ongoing). • APEC occupational standards framework (Australia, Peru, upcoming) – Furthered with HR WG.**
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*Source for airport capacity: Nathan Associates **Cross-fora collaboration with different APEC Working Groups ***Source: World Travel & Tourism Council (WTTC)



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