



**Asia-Pacific
Economic Cooperation**

Emergency Preparedness Working Group's Proposed Work Plan for 2020

Purpose: Consideration
Submitted by: EPWG Co-Chairs

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Introduction

In 2020, the Emergency Preparedness Working Group will continue to focus on enhancing resilient trade and investment through promotion of the APEC Disaster Risk Reduction (DRR) Framework adopted by the Leaders in 2015 to address the “new normal,” by implementing the 2016 APEC Disaster Risk Reduction Action Plan.

In line with EPWG 2017-2020 Strategic Plan and APEC DRR Framework, EPWG will fully support the 2020 Malaysia's theme of “Optimizing Human Potential Towards A Future of Shared Prosperity” with its three policy priorities namely (1) Improving the narrative of trade & investment, (2) Inclusive Economic Participation through digital economy & technology, and (3) Driving innovative sustainability. In recent years, urbanization and mega-city agglomeration in APEC economies have led to high exposure of urban areas to disasters. Therefore, their vulnerabilities and losses to disasters have also been more obvious which has been a major obstacles for sustainable development. Therefore, in the age of increasingly advanced regional integration, how to help people living in this interwoven city network to cope with disasters could be a necessity task for EPWG. As we proposed the priority of improving the narrative of trade, regional integration in this region should be defined and advanced not only for the benefit of economies but also for the people that drive the region's growth. As such, APEC should expand its growth story through the lens of disaster resilience to include a vision of economic integration that felt at all levels and leaves no one behind, namely, from the grassroots to decision-making level, and from business communities to knowledge groups. To achieve those priorities, it would require a risk-informed and adaptive disaster-resilient city in APEC economies. The vision of EPWG should thus be widely shared among economies for our future development. In that regard, the EPWG will align its work with the 2020 priorities of Malaysia to promote Sustainable and inclusive Growth by activities that will be conducted by EPWG in 2020.

EPWG will also implement the task as mandated by the 2017 AELM Declaration paragraph 27 and 2017 AMM Statement paragraph 42 as follows:

- Strengthen cooperation by a multi-stakeholders participant approaching, including with the government agencies, academy, business, private sector and public, to enhance resilience to disasters through effective and efficient mitigation, preparedness, disaster risk reduction, response and recovery efforts; underlining the importance of financial instruments and policies against disaster risks.
- Implement the APEC Disaster Risk Reduction Framework Action Plan with emphasis on cooperation in capacity building, early warning systems, disaster risk identification, assessment and monitoring, risk financing policies and instruments including insurance, mitigation, search and rescue, and post disaster recovery assistance.

EPWG will also ensure cross-fora collaboration in particular with regard to the implementation of the APEC DRR Action Plan.

1. Expected Outcomes/Deliverables for 2020

- 1.1. Hold 16th Emergency Preparedness Working Group Meeting in Kota Kinabalu, Sabah, Malaysia on April 14 2020 in the second week of SOM2, April 8 to 19.
- 1.2. Hold 14th Senior Disaster Management Officials Forum as a side event in Kota Kinabalu, Sabah, Malaysia on April 15 2020 in the second week of SOM2, April 8 to 19
- 1.3. Hold EPWG Project “Workshop on Enhancing Participation in Flood Disaster Preparedness through Community-based Hazard Mapping” in Malaysia
- 1.4. Hold EPWG Project “APEC Disaster Risk Management Strategies to Support MSMEs Business Sustainability” in Malaysia
- 1.5. Hold EPWG Project “1960–2010: Understanding the past and preparing for a better future. Lessons and new developments in Seismic Monitoring and Tsunami Threat Assessment” in Chile
- 1.6. Hold the Self-funded Project “Regional economic integration through the lens of disaster resilience” in China (Subject to EPWG Members’ Endorsement to the Project Proposal)
- 1.7. Hold the Self-funded “2020 APEC Resilience Week” in Taipei (Subject to EPWG Members’ Endorsement to the Project Proposal).
- 1.8. To continue drafting the new EPWG Strategic Plan 2021 – 2025

2. Itemized Work Plans for 2020

Title	Summary of Specific Plans	Mandate (Leaders/Ministers/SOM/SC E Priorities and Decisions, Strategic Plans and to ABAC recommendations)	ECOTECH Priorities and/or Host Year Priorities	Cross-fora collaboration (within APEC and beyond APEC)
<p>Hold 16th Emergency Preparedness Working Group Meeting in Kota Kinabalu, Sabah, Malaysia, April 14</p>	<p>The meeting of EPWG in 2020 will discuss among others:</p> <ul style="list-style-type: none"> (i) Chart the activities for 2020 (ii) Discuss the recent natural disasters facing economies including policies, advanced S&T application, best practices including the ingenious practices from community, strengthening collaboration with the private sector and other international and regional partners required for disaster risk monitoring, early warning, response, recovery and reduction (iii) Reviews on and learning from major disasters in 2019 (iv) Discuss on EPWG's operation (v) Action Plan (vi) Improvement on EPWG's operations including working group meetings and Senior Disaster Management 	<p>2017 AELM Declaration</p> <p>2017 AMM Statement</p>	<ul style="list-style-type: none"> - Driving Innovative Sustainability (Host Year Priority) - Human Security (ECOTECH Priority) 	<p>FMP, HWG, PPFS, PPSTI, PPWE and ABAC</p>

<p>Hold 14th Senior Disaster Management Officials Forum in Kota Kinabalu, Sabah, Malaysia, April 15</p> <p>Note: Plus a press conference proposed by Co-Chair during SDMOF in Puerto Varas, Chile, 2019.</p>	<p>The 14th SDMOF will focus on:</p> <p>Investment in Disaster Risk Reduction for Sustainable Growth (any of the 3 slots below to be brought up to the forum)</p> <ul style="list-style-type: none"> (i) Gap analysis and prioritization for effective investment decision making (ii) Leveraging the Financial Assistance for DRR in APEC through smart partnerships between economies (iii) Risk-informed Decisions and Economics of DRR (iv) Innovative Risk Financing for Business Sustainability 	<p>2017 AELM Declaration</p> <p>2017 AMM Statement</p>	<ul style="list-style-type: none"> - Driving Innovative Sustainability (Host Year Priority) - Human Security (ECOTECH Priority) 	<p>Finance Ministers' Process (FMP), Disaster Risk Financing and Insurance Working Group (DRFI WG)</p>
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<p>Hold Workshop on Enhancing Participation in Flood Disaster Preparedness through Community-based Hazard Mapping – Malaysia</p>	<p>Community participation is one of seven enabling environments for the four pillars of the APEC Disaster Risk Reduction Framework. The project aim is to enhance community participation in disaster preparedness.</p> <p>The project will be implemented with two Malaysian NGOs, Malaysian Water Partnership (MyWP) and Global Environment Centre (GEC), as well as the National Disaster Management Agency (NADMA) and Department of Irrigation and Drainage. The “Machizukuri” or “Town watching” method (advocated by Asian Disaster Reduction Centre) will be used.</p> <p>Participants will be identified from APEC developing economies' local government, community-based, and non-governmental organisations (NGOs) (gender-balanced) which can facilitate future community training. A 3-day Training of Trainers (ToT) Workshop will be conducted in Kuala Lumpur (March 2020); there will be sharing of economies best practices; planning for economy-level training; and adoption of ToT training modules for economy-level application.</p>	<p>2017 AELM Declaration</p> <p>2017 AMM Statement</p>	<ul style="list-style-type: none"> - Driving Innovative Sustainability (Host Year Priority) - Human Security (ECOTECH Priority) 	<ul style="list-style-type: none"> - Asian Disaster Reduction Center, Japan - Pacific Disaster Center (PDC Global), USA - ASEAN Coordinating Centre for Humanitarian Assistance on Disaster Management - Asian Disaster Preparedness Center (ADPC), Thailand
<p>Hold APEC Disaster Risk Management Strategies to Support MSMEs Business Sustainability - Malaysia</p>	<p>SMEs are vulnerable to shocks from disasters affecting their growth and survival. One of APEC’s strategic objectives is ensuring business continuity by managing risks. The 2019 Operational Plan of the APEC Secretariat has stated that women, SMEs and inclusive growth as one policy priority area.</p> <p>Supporting this agenda, this project will analyze SMEs coping strategies, share best practices in risk management and recommend policy to support SMEs business resilience. The project will be implemented with the support from the Malaysian Association of Risk and Insurance Management (MARIM) and National Disaster Management Agency (NADMA).</p> <p>A survey to identify current coping strategies and gap in knowledge among SMEs in the developing economies will be undertaken. The survey findings</p>	<p>2017 AELM Declaration</p> <p>2017 AMM Statement</p>	<ul style="list-style-type: none"> - Driving Innovative Sustainability (Host Year Priority) - Human Security (ECOTECH Priority) 	<ul style="list-style-type: none"> - APEC Working Group on Regional Disaster Risk Financing Solutions - APEC Working Group on Small and Medium Enterprises - ASEAN Cross Sectoral Coordination Committee (ACSCC) on DRFI

	<p>will be used in a 2-day workshop for capacity building and policy development tentatively to be held in August 2020 in Penang. The capacity building topics focus on disaster risk preparedness and disaster risk financing as well as the findings from the survey. The survey respondents are the SMEs while the workshop participants are the SMEs associations as well as public agencies, academia and industry experts in risk management and emergency preparedness.</p>			
<p>Hold 1960–2010: Understanding the past and preparing for a better future. Lessons and new developments in Seismic Monitoring and Tsunami Threat Assessment - Chile</p>	<p>On May 22nd 1960, the largest Earthquake ever recorded struck Chile, causing a Tsunami that spread across the Pacific, emphasizing the need for a coordinated Tsunami Warning System. In 2010 another large Earthquake in Chile, showed that this system could be improved.</p> <p>In 2020 as a commemoration of 60th and 10th anniversary of the 1960 and 2010 Earthquakes, this project will fund a Workshop to be held during 2020 to address the lessons learned and the developments in Seismic Monitoring and Tsunami Threat Assessment.</p> <p>The workshop will stress the importance of cooperation, capacity building, as well as the significant impact of data sharing. Recent Tsunamis in Indonesia have proven that some Tsunami triggering phenomena are poorly understood and only through research and mutual cooperation particularly within the APEC region will help prevent the dramatic losses of human lives and long term catastrophic effects on Economies and Trade.</p>	<p>2017 AELM Declaration</p> <p>2017 AMM Statement</p>	<ul style="list-style-type: none"> - Driving Innovative Sustainability (Host Year Priority) - Human Security (ECOTECH Priority) 	

<p>Hold the Self-funded Project “Regional economic integration through the lens of disaster resilience” in China</p>	<p>In the age of urbanization and regional economic integration, growing disasters and risks may adversely affect APEC cities and citizens. The project will highlight both the necessity of better risk identification, assessment and transfer in cities and the importance of enhanced risk awareness among government departments, business communities and the general public.</p> <p>First, to achieve better risk identification, assessment and transfer in cities, case study and collection will be conducted, APEC Workshop on Better Disaster Risk Monitoring and Assessment for A Risk-informed Regional Integration will be held, and a regional standardized methodology or tool for risk assessment is on our agenda.</p> <p>Second, interconnected supply and demand chain was born in the process of regional integration, which in turn may be disrupted by challenges from the integration, for example, vulnerability to disasters. So a risk-smart business model will be encouraged.</p> <p>Third, though differentiated disaster reduction measures are needed to suit local conditions, the value of indigenous experience should be recognized, highlighted and maximized. Each member economy will be encouraged to share knowledge on this topic through 1-2 short videos. When put together and publicized via the media and websites, they will be the best products telling EPWG story.</p>	<p>2017 AELM Declaration</p> <p>2017 AMM Statement</p>	<ul style="list-style-type: none"> - Driving Innovative Sustainability (Host Year Priority) - Human Security (ECOTECH Priority) 	<ul style="list-style-type: none"> - APEC Working Group on Small and Medium Enterprises, Ocean and Fisheries, Telecommunications and Information, Tourism and Transportation - APEC Policy Partnership on Science, Technology and Innovation and on Women and the Economy - UNDRR, UNDP, WFP, UN-SPIDER, UNICEF, UN Women
<p>Hold the Self-funded “2020 APEC Resilience Week” (2020 APECRW) in Taipei</p>	<p>APEC Resilient City based on APEC Resilient Community</p> <p>Economic development and sustainability can be severely impacted by natural disasters through extensive interruptions impact daily livelihood, lifeline systems, critical infrastructure or supply chain resilience. At facing impacts brought by natural disasters or climate change, food security and micro economic activities are directly linked to emergency preparedness and quick recovery at affected communities. To echo the theme “Optimising Human Potential for a Future of Shared Prosperity” in 2020, APECRW aim at the priority of “Driving Innovative Sustainability for Inclusive growth through smart technology.</p>	<p>2017 AELM Declaration</p> <p>2017 AMM Statement</p> <p>The APEC Food Security Road Map Towards 2020 and the APEC Food Security Business</p>	<ul style="list-style-type: none"> - 	<p>PPSTI, PPFS, ATCWG, PPWE, TWG, FMP and SMEWG</p>

	<p>Chinese Taipei proposed “APEC Resilient City” (ARC) initiatives to carry on the fruitful outcomes of “Plant Back Better” initiatives for mitigating vulnerability and enhancing disaster resiliency through capacity building. The ARC initiative aims at capacity building and preparedness for quick recovery of micro economic activities through public private partnership. ARC initiatives incorporates the implementation of the best practices for sharing local knowledge and regional resources to facilitate Livelihood Continuity Plan (LCP) before or after disasters. It fully echoes the 2017 priorities “Enhancing Food Security and Sustainable Agriculture in response to Climate Change”. ARC functioned to boost up micro economic momentum to tackle future challenges on climate change adaptation.</p> <p>The 2020 APECRW will focus on 1) Sharing the best practices for APEC Resilient City/Community, 2) Sharing smart resilient city planning; 3) Promoting on demands capacity building program; 4) Showcasing female’s contributions on ARC initiatives; 5) Synergizing regional resources for ARC.</p> <p>The expected outcomes of the APECRW can be of good reference for developing future approaches toward ARC. The main expected outcomes include: 1) Enhancing public-private partnership on disaster resilient supply chain 2) Developing guiding principles for planning ARC, 3) Accelerating APEC cross-fora synergy on ARC and 4) encouraging APEC-wide implementations through cross-border value-added knowledge and best practices sharing for promoting ARC upon the APEC Disaster Risk Reduction Framework (APEC DRR Framework).</p>	<p>Plan (2014-2020)</p> <p>the 2016 Piura Declaration on APEC Food Security</p> <p>2019 FMP-DRFI workplan</p> <p>“Policy Dialogue on Science, Technology, Innovation, Food Security, Climate Change and Gender Empowerment” endorsed at the 12th Emergency Preparedness Working Group Meeting, 21-22 August 2017</p> <p>2017 “Plant back better” (PBB) initiatives for building APEC Resilient Community and City, Joint PPFS-OFWG-HLPDAB-ATCWG Meeting on August 22, 2019</p>		
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<p>To continue drafting the new EPWG Strategic Plan 2021 – 2025</p>	<p>The current EPWG Strategic will be due in 2020. For continuing supports to human security and sustainable development in APEC, EPWG should start preparation for the next version strategic plan to further guide EPWG’s development and more active cross-fora collaborations.</p> <p>The new edition should accommodate new rising demands of disaster risk management, new innovation in disaster risk reduction, better disaster governance, resilient-and-sustainable development, public-private partnership, female role for disaster reduction, disaster financing measures, capacity building, business continuity management, education and other topics which will directly benefit APEC member economies.</p> <p>During EPWG meeting, members will draft the outlines for EPWG Strategic Plan 2021 – 2025 and give constructive suggestions for contents, and Co-chair will collect the information and work out the draft.</p>	<p>2017 AELM Declaration</p> <p>2017 AMM Statement</p>	<ul style="list-style-type: none"> - Driving Innovative Sustainability (Host Year Priority) - Human Security (ECOTECH Priority) 	<p>FMP, PPFS, PPSTI, PPWE and ABAC</p>
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