## **APPENDIX 6**

# APEC SUPPLY-CHAIN CONNECTIVITY ACTION PLANS (2012 Update)

#### APEC SUPPLY-CHAIN CONNECTIVITY FRAMEWORK

#### **Action Plan for Chokepoint 1**

Lack of transparency/awareness of full scope of regulatory issues affecting logistics; Lack of awareness and coordination among government agencies on policies affecting logistics sector; Absence of single contact point or champion agency on logistics matters.

#### **Objective**

- To improve transparency of the regulatory environment affecting logistics and increase awareness of these issues among companies doing business in APEC economies.
- To improve coordination and awareness of policies affecting the logistics sector among government agencies.

#### **Participating Economies**

**Lead Economy:** The United States

Other Participating Economies: Australia, Chile, Japan, Korea, the Philippines, and Viet Nam

## **Action Plan**

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating Sub- fora/ working group	Other Sub-fora/ working group involved	Date	Updates for 2012
Initiative to Advance the Action Plan for Chokepoint 1 of the APEC Supply Chain Connectivity Framework  - Initiative will take a more systematic approach to addressing Chokepoint 1 through: (1) "Supply Chain Inventory" of policies and practices, (2) diagnostic reports based on the Supply Chain Inventory, and (3) targeted capacity building. (See 2012/SOM1/020anx4)  - The initiative is being implemented with assistance from the World Bank, Development Economics Research Group, Trade and International Integration Unit.	US  Co-Sponsors  Australia; Hong Kong, China; and Japan	СТІ	SCCP	2012 - 2014	<ul> <li>SOM 1: Initiative approved.</li> <li>SOM 2: Supply Chain Inventory for Chokepoint 1 and Terms of Reference for diagnostic reports by World Bank.</li> <li>World Bank to develop first diagnostic report for presentation at CTI 1/SOM 1, 2013.</li> <li>Based on results of first diagnostic report, development of technical assistance and capacity building activities beginning in 2013 (specific dates TBD).</li> <li>CTI1/SOM 1: First diagnostic report to be completed and presented.</li> <li>CTI 2/SOM 2: Capacity building program to be endorsed and work to commence.</li> </ul>

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Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating Sub- fora/ working group	Other Sub-fora/ working group involved	Date	Updates for 2012
					<ul> <li>Capacity building activities to continue through 2014.</li> <li>SOM 3: Second diagnostic report to be completed and presented to SOMs.</li> </ul>
APEC Guidelines for Advance Rulings  - Initiative included capacity building on the trade facilitative benefits of advance rulings and to assist economies in implementing advance rulings through the development of APEC guidelines for advance rulings (  - Research through a survey on the practices of Advance Rulings practiced by member economies.	US	СТІ	SCCP	2012	APEC Guidelines for Advance Rulings endorsed at AMM (See 2010/CSOM/003app06  2011  Completed Advance Rulings General Survey of economies. Results reported at CTI 2 (See 2011/SOM2/CTI/014)  CTI 3: capacity building TPD held at CTI 3 to identify next steps on promoting implementation of advance rulings and to share economies' experiences. CTI briefed on outcomes.

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating Sub- fora/ working group	Other Sub-fora/ working group involved	Date	Updates for 2012
					Note: further capacity building could be implemented under the Initiative to Advance the Action Plan for Chokepoint 1 of the APEC Supply Chain Connectivity Framework
<ul> <li>Symposium on Supply Chain Connectivity</li> <li>Proposal for a private-public sector conference using real world examples from logistics providers to illustrate how the global supply/value chain operates; this specific concept could also be part of a broader logistics conference.</li> <li>The objective would be to use this process to enhance awareness of regulations affecting logistics for the private sector and for economies to improve their understanding of where improvements could be made.</li> </ul>	AUS CDA JPN SIN US	СТІ	SCCP TPTWG	2012	Completed in 2010.
Compendium of Best Practices of national Logistics Associations  To develop a compendium on best practices on the establishment of individual economy national logistics associations.  Key elements of the project are:  1. A visit to Australia and another APEC economy with a national logistics association for first hand analysis of the role of	AUS	СТІ	SCCP TPTWG	2011	<ul> <li>Project will demonstrate the role of logistics associations as a partnership between the transport logistics supply chain industry and government.</li> <li>2011</li> <li>Three workshops were conducted over a 12 month period in Melbourne, Bangkok and Hanoi.</li> </ul>

				The project developed a generic template for a national logistics association, based on existing models from Australia, Singapore
				<ul> <li>and Thailand. The template is being further developed for Indonesia, Papua New Guinea and Vietnam as a practical guide for those economies to establish national logistic associations to suit their own circumstances.</li> <li>2012</li> <li>Australia is finalising the project and will circulate results within APEC. A compendium was produced on the benefits and best practices of collaboration between government and industry on policies and regulations on transport logistics industry</li> </ul>
AUS US	СТІ	SCCP TPTWG	2012	No update

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating Sub- fora/ working group	Other Sub-fora/ working group involved	Date	Updates for 2012
coordination within APEC economies and a better understanding of how policy decisions can affect various elements of a supply chain					
<ul> <li>A particular output could include an assessment of the impact of logistics services on trade transaction costs with a view to identifying proven policy approaches that reduce these costs.</li> </ul>					

#### **APEC SUPPLY-CHAIN CONNECTIVITY FRAMEWORK**

## **Action Plan for Chokepoint 2**

Inefficient or inadequate transport infrastructure; Lack of cross border physical linkages (e.g. roads, bridges).

#### **Objectives**

- To 'showcase' the efficient use of transport infrastructure within the APEC region.
- To share expertise on and understand the feasibility and legal requirements for establishment of Public-Private Partnerships.
- To encourage the development of 'informed' transport infrastructure through needs assessment and stakeholder consultation.

#### **Participating Economies**

Lead Economy: Australia

Other Participating Economies: Canada, Indonesia, Japan, United States

Proposed Action (Title and brief description)	Economy	Sub-fora/ working group	Other Sub-fora/ working group	Finalis-ation date	Updates for 2012
Study and Seminar on energy, transport and environmental benefits of transit-oriented development  Specific Action  Development of an analytical approach to assess the energy and environmental benefits of transit oriented development  Comparative case studies of benefits from developed and developing economies  Outreach seminar on project findings with particular attention to capacity building for developing economies	United States	TPT-WG	EWG	2011-2012	A "Transport, Energy & Intermodal Freight" workshop will be held in San Jose, California on 25 October 2012. A framework to calculate energy savings and associated greenhouse gas emissions for use (or non-use) of various modes of transportation is still to be applied. The framework will be discussed at the San Jose workshop. Project co-sponsors include Australia, Canada, China and the Philippines.
Examine individual transportation/trade policies that use a gateway or trade corridor approach  Specific Action  Seminar on gateway performance management and measurement to provide an overview of possible approaches to both performance measurement and performance management in the gateway and trade corridor context.	Canada	TPT-WG	СТІ	2012	In collaboration with TPTWG and CTI, Canada organised a seminar in Singapore in February 2012 to define metrics for measuring supply chain performance. The results addressed the need for capacity building within APEC to strengthen performance measurement. The seminar leveraged links with international organizations that are working on logistics performance measurement, for example the World Bank and the International Transportation Forum (ITF). The seminar results will inform the APEC Supply Chain Connectivity Self-Assessment Survey 2012 to be developed by the PSU.

	Proposed Action (Title and brief description)	Economy	Sub-fora/ working group	Other Sub-fora/ working group	Finalis-ation date	Updates for 2012
An	alytical work on logistics infrastructure					
	ecific Actions Study on the travel time of goods vehicles on main economic corridors.	Indonesia	TPT-WG	СТІ	2013	These two studies to go ahead as self- funded project managed by Indonesian Department of Public Works.
2.	Study on the contribution of road transport in the manufacturing and household sectors.	Indonesia	TPT-WG	СТІ	2013	
3.	Project to identify bottlenecks in the transport and logistics chain focusing on port sectors in the APEC region and to consider possible solutions to eliminate those bottlenecks by sharing best practices.	Japan (leading project work in TPTWG)	TPT-WG	СТІ	2012	Japan organised a workshop in conjunction with TPT-WG on enhancing visibility of maritime container transport Experts speakers from Japan, Korea, People's Republic of China, Thailand and Chinese Taipei delivered presentations on the latest technology and developments in container tracking and visibility. Recognizing the difficulty in standardising all economies' initiatives due to each economy's established commercial measures, the workshop concluded that APEC members need to harmonize their container visibility platforms and that the next steps should be to discuss a possible container visibility platform in APEC.
4.	Study to identify specific needs of economies and international examples of best practice in land-side transport component of sea freight supply chains.	Australia	TPT-WG		2012	The study has commenced.

Proposed Action (Title and brief description)	Economy	Sub-fora/ working group	Other Sub-fora/ working group	Finalis-ation date	Updates for 2012
Sharing best practices for seamless intermodal cargo movement  Specific Actions  1. Workshop coinciding with TPTWG36 in St Petersburg in August 2012 to formulate best practice in physical transport infrastructure development and intermodal connectivity. The workshop will also consider ways to improve coordination within APEC of transport infrastructure national development plans.	Russia	TPT-WG	СТІ	2012	The project is in its final stage, with successful completion of the workshop at TPT-WG36 on 27-28 July 2012. Participants from eight APEC economies attended the workshop, including the Lead Shepherd of the TPT-WG, Program Director of the APEC Secretariat and invited guests from the International Road Transport Union (IRU). The delegates represented government, private businesses, academics and nongovernment organizations.  The workshop provided an opportunity for APEC economies to network and exchange practices of transport physical infrastructure development, and seamless intermodal cargo movement in APEC economies and the Asia-Pacific Region. A report on the workshop will be placed on the TPT-WG website.
PPP implementation model to facilitate development of new transport infrastructure					
<ul> <li>Specific Actions</li> <li>Expert workshops to assess best practice in PPP markets and prioritise reform measures in order to create a common approach towards private infrastructure investment.</li> </ul>	Australia	SFOM		2010	T The project was finalised in 2010.

Proposed Action (Title and brief description)	Economy	Sub-fora/ working group	Other Sub-fora/ working group	Finalis-ation date	Updates for 2012
Two workshops were conducted in 2010 in					
Indonesia and Australia.					

#### **APEC SUPPLY-CHAIN CONNECTIVITY FRAMEWORK**

## **Action Plan for Chokepoint 3**

Lack of capacity of local/regional logistics sub-providers.

## **Objective**

To improve understanding on the current situation of local/regional logistics and to explore ways to enhance engagement and competitiveness of local/regional logistics sub-providers in the region.

## **Participating Economies**

Lead Economy: China

Other Participating Economies: Brunei Darussalam; Hong Kong, China; Indonesia; Papua New Guinea; Chinese Taipei; Thailand; and the United States

## **Action Plan**

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating Sub- fora/ working group	Other Sub- fora/ working group involved	Date	Update for 2012
<ol> <li>Review constraints affecting engagement of Small and Medium Enterprises</li> <li>Conduct surveys and study on the environment affecting SMEs, which may include:</li> <li>policy &amp; institutional framework related to logistics development;</li> <li>status of small or medium logistics companies &amp; other related companies of their own capabilities for development, such as use of ICTs, truck tracking systems, operation modes, and management skills including warehouse and trans-shipment management etc;</li> <li>constraints affecting engagement of SMEs, especially the policy and business environment constraints.</li> <li>Free Trade Zone (FTZ) practice</li> <li>overall trend for development of regional logistics, such as technology development, changing needs and requirements of the markets, government blueprint for logistics development etc.</li> </ol>	China	SMEWG	TPTWG	2011-2012	In 2011, China undertook a project 'Program for Enhancing the Capacity of APEC Local/Regional Logistics Sub-providers' as a kick-off activity to address chokepoint 3. This project included a survey, a seminar and a field visit. The seminar, including a field visit, was held on 24-25 August in Suzhou, China. Various issues constraining the logistics sub-providers were discussed, and some recommendations for further enhancing their capacity were generated from the seminar. The preliminary results of the survey were also presented in the seminar to facilitate the discussions. The final Report of the study program has been completed and circulated to members. The report has identified a number of follow-up actions for consideration.  2012 As follow-up, a multi-year project on "Enhancing Logistics Performance through Training and Networking for APEC Local/Regional Logistics Sub-providers has been approved and will be implemented over 2012-2014. The objective of the project is to (1) improve awareness of the changing international business situation, (2) promote awareness and understanding of supply chain relevant policies and regulations in each APEC

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating Sub- fora/ working group	Other Sub- fora/ working group involved	Date	Update for 2012
					economy, and (3) promote awareness and proficiency in modern cross-border supply chain practices and advanced logistics technologies; all in an effort to facilitate supply chain cost reduction, build potential for faster and easier execution of cross-border trade, and improve the cross-border logistics environment.
<ol> <li>Help raise the quality of APEC economies' logistics services and management         <ul> <li>Conduct training programs as a platform for communication and information sharing, which may include:</li> <li>how to address constraints SMEs are facing;</li> <li>how to develop markets which may include how to provide more integrated and value-added logistics services for an expanded niche market based on the essential capacity building, and how to achieve joint development and mutual benefits with their customers;</li> <li>experience sharing on green supply chain efforts;</li> <li>experience sharing on the training of international logistics personnel;</li> <li>experience sharing on trans-shipment operation models in APEC economies;</li> <li>how to utilize and maximize the benefits of FTZ including the effects of establishing FTZ at ports in the APEC region;</li> <li>organize site visit to FTZ at ports in APEC</li> </ul></li></ol>	China; Chinese Taipei; United States; Thailand; Hong Kong, China	SMEWG ECSG	TPTWG	2010-2012	2010-2011 The ECSG completed an "APEC E-Trade and Supply Chain Management Training Course. Three phases of the training course have been organised in with last being held on 9-10 November 2010 in Hong Kong, China. The course sought to introduce the latest logistic management models for SME through education among APEC members, especially developing member economies; to identify the role of logistics supply chain management and its impact on SMEs as well as policy makers; and to have in-depth discussion on challenges and opportunity by the expansion of logistic supply-chain management.  The SMEWG hosted a seminar on Improving SME Competitiveness through Sustainable Business Practices on 14 May in Big Sky. This half-day participatory seminar included panel sessions that sought to address and discuss issues relevant to SME sustainability, including

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating Sub- fora/ working group	Other Sub- fora/ working group involved	Date	Update for 2012
8) innovative concept of trade facilitation e.g., e-logistics, streamline customs procedures, utilization of new trade lane. Work with ABAC to encourage exploration of opportunities for linkages and cooperative alliances among logistics providers in the region					financial and multilateral development institutions. The goal of this seminar was to discuss and identify practical actions APEC can take to support material improvement in SME competitiveness through sustainable business practices.  2012 The ECSG conducted a workshop on "Capacity Building of Different Aspects in E-Commerce of Supply Chain Connectivity Implementation" in Kazan in May 2012. This project is a follow-up of the "Supply Chain Connectivity: e-Commerce as a Main Driver and Integration Tool" workshop that was held in San-Francisco, in 2011. The workshop discussed different e-commerce methods and tools for different supply chain connectivity aspects and their fulfillment and determined key supply chain connectivity aspects which maximize the implementation of the SCFAP as well as select the most effective e-commerce methods and tools which are used for these purposes.  The SMEWG held an APEC Workshop on Transporting Goods and Services Reliably and Cost-Efficiently in Chinese Taipei on 11 July 2012 which enabled economies and SMEs to share experiences and best practices. One of the key outcomes of the workshop was a draft Compendium of Innovative Strategies Available to SMEs for Reducing Transportation

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating Sub- fora/ working group	Other Sub- fora/ working group involved	Date	Update for 2012
					Costs.  As a part of its multi-year project to enhance SMEs' natural disaster resiliency, the SMEWG developed a set of "Guidelines on Promoting SME Business Continuity Plans to Strengthen Reliability of Supply Chains", which was adopted by the SME Ministers at their meeting in St Petersburg.

#### APEC SUPPLY-CHAIN CONNECTIVITY FRAMEWORK

## **Action Plan for Chokepoint 4**

Inefficient clearance of goods at the border; Lack of coordination among border agencies, especially relating to clearance of regulated goods 'at the border'.

#### **Objective**

To improve the efficiency of clearance of goods at the border.

To enhance the coordination among border agencies, especially relating to clearance of regulated goods 'at the border'

#### **Participating Economies**

Lead Economy: Japan

Other Participating Economies: Australia, Republic of Korea, Malaysia, Mexico, New Zealand, Papua New Guinea, Peru and the United States

## **Action Plan**

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating Sub- fora/ working group	Other Sub- fora/ working group involved	Date	Update for 2012
Implementation of Single Window system	Japan	SCCP		2010-2013	On-going.
- Conduct a stock-taking study on the status of	and			(implemented	
implementation of Single Window system (SW) for	Chinese Taipei			through the	SCCP continues to work on the
cargo clearance and difficulties in facing the				Phase 1)	development of SW by 2020 and
development of the SW.					accelerate seamless data sharing
					between/among SW systems.
- Adopt the UN/CEFACT SW Definition in developing					
their SW. The definition is "a facility that allows					According to the stocktaking survey
parties involved in trade and transport to lodge					conducted in 2010, 14 economies
standardized information and documents with a single entry point to fulfil all import, export, and					introduced SW system and 5 economies have SW system currently under
transit-related regulatory requirements. If					development. 10 economies have
information is electronic, then individual data					experience in the trade-related data
elements should only be submitted once."					exchange.
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- Adopt internationally recognized instruments and					Japan and Chinese Taipei conducted a
standards such as UN/EDIFACT, XML, and WCO					Regional Workshop on Single Window
Data Model in SW design to increase international					under the framework of SCCP in 2011 in
interoperability.					Chinese Taipei. The objective of this
					workshop was to identify the bottlenecks
- Establish a coordination mechanism composed of					that APEC economies are facing in
stakeholders to discuss better coordination on					implementing SW systems.
cargo clearance at the border including the					
mechanism for establishment of SW.					Upon confirmation of the necessity for
Course out accessors of the connective building					having other Single Window Workshops
Carry out assessment of the capacity building needs and provide Capacity Building for the					in 2011, Japan and Chinese Taipei will hold the second Single Window
development and the maximum use of SW,					Workshop in October 2012. The
including experience sharing of trade-related					objectives of this workshop are to share
documents/ information such as Certificate of					the information of good / bad practices,

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating Sub- fora/ working group	Other Sub- fora/ working group involved	Date	Update for 2012
Origin (CO) between SW systems.					difficulties, and countermeasures in implementing SW systems as well as the SW systems interoperability and to have discussions based on the above.
WCO Guidelines for the Immediate Release of Consignments  - Implement the principles of the WCO Guidelines for the Immediate Release of Consignments by Customs including adoption of the appropriate de minimis thresholds for low value shipments allowing duties to be waived.	United States	SCCP	СТІ	2012	In 2011, APEC Ministers endorsed the APEC Pathfinder to Enhance Supply Chain Connectivity by Establishing a Baseline De Minimis Value, and instructed officials to develop a capacity-building program with the goal of increasing the participation of economies in the Pathfinder.  For 2012, a capacity building initiative by the United States is being implemented. The initiative utilizes a case study approach to provide economies with detailed analysis to assist in the decision-making process to join the Pathfinder. The case study will focus on identifying and raising awareness of the benefits and challenges, including the economic benefits of enhancing supply chain performance and reducing administrative costs through improved allocation of government resources. Participation is voluntary for economies. Currently a case study is being conducted in cooperation with Viet Nam and the goal is to expand this process to other economies.

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating Sub- fora/ working group	Other Sub- fora/ working group involved	Date	Update for 2012
<ul> <li>Time Release Survey</li> <li>Conduct Time Release Survey (TRS), when possible, to measure the effect of simplifying and facilitating cargo clearance at border.</li> </ul>	Japan	SCCP		2010-2013 (implemented through the Phase 1)	On-going. SCCP will discuss how Time Release Studies can be carried forward within the Sub-committee at SCCP in 2013.
- Provide Capacity Building on TRS for requesting economies to conduct TRS.					

#### **APEC SUPPLY-CHAIN CONNECTIVITY FRAMEWORK**

## **Action Plan for Chokepoint 5**

Burdensome procedures for customs documentation and other procedures (including for preferential trade).

#### Objective

- To ease the burden of exporters/importers by simplifying customs documentation and other procedures
- To increase the understanding of customs procedures and other procedures among businesses by enhancing transparency and predictability

**Participating Economies** 

Lead Economy: Korea

Other Participating Economies: Australia, Chile, Japan, Malaysia, Mexico, New Zealand and Papua New Guinea, Chinese Taipei

## **Action Plan**

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating sub-fora /working group	Other sub- fora/working group involved	Date	Updates for 2012
Self-Certification of Origin Capacity Building Program  - To hold capacity building workshops in 2010- 2011, as a follow-up to the Ministers' instruction in 2009, in order to enhance the capacity of participants in the Self-Certificate Initiative Pathfinder and to support effective implementation, to promote understanding and encourage more member economies to join the Pathfinder and to further develop the program.	Singapore	СТІ	SCCP	2010-2011	Successful completion of the APEC Self-Certification of Origin Capacity Building program that was adopted in 2010.  Two workshops were held in Kuala Lumpur, Malaysia and Manila, the Philippines respectively from 11-12 October 2010. In 2011, three self-certification workshops were held in: (i) Manila, the Philippines from 10-11 February; (ii) Bandar Seri Begawan, Brunei Darussalam from 4-5 April; and (ii) Ha Noi, Viet Nam on 28-29 July.
			MAG	2012	MAG to consider possible next steps to build on the momentum generated by workshops held in 2010 and 2011, including possible use of targeted case studies.  - At MAG1, 2012, Singapore briefed the ASEAN pilot project on selfcertification, highlighting that Thailand had joined the project in October 2011 and the number of certified entities has increased since its launch in August 2010.  MAG, where appropriate, to report on a yearly basis on progress towards implementing self-certification, thereby

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating sub-fora /working group	Other sub- fora/working group involved	Date	Updates for 2012
					encouraging more economies to join the Pathfinder Initiative.  Korea held workshop on FTA Rules of Origin in Seoul on 10-12 July 2012, as part of FTAAP Capacity Building Needs Initiative.
APEC Elements for Simplification of Documents and Procedures Relating to ROOs  - To work on 2 of the 5 elements proposed by Singapore in 2009 <sup>1</sup> O To collect information on "reasonable long validity period" and "waiver of certificate of origin or declaration"  - Economies would select and work on next element(s)	Singapore	MAG	SCCP	2011	MAG collected information on two remaining elements: "harnessing IT to ease documentation and procedures of APEC elements for simplifying customs documents" and "minimum data requirements in FTAs" through two
To exchange and assess best practices for confidence building and risk management, and to reach the best recommendations and establish principles.	Singapore Singapore, Korea	MAG	SCCP		surveys launched in 2011.  On the "harnessing IT to ease documentation and procedures", 13 economies had responded to its survey. On "minimum data requirements", 14 economies had responded to the survey, which encompassed 40 FTAs or preferential trade agreements.

<sup>&</sup>lt;sup>11</sup> Singapore proposed to promote the usage of five key concepts including (i) validity period, (ii) waiver of certificate of origin or declaration, (iii) minimum data requirements, (iv) clarity on treatment of errors made in certificates of origin or declarations, (v) harnessing IT to ease documentation and procedures

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating sub-fora /working group	Other sub- fora/working group involved	Date	Updates for 2012
				2012	Revision of the survey on "minimum data requirements in FTAs" reported by Singapore at MAG1, 2012.
					Recent developments of report on "harnessing IT to ease Documentation and Procedures" presented by Chile at MAG2.
APEC Website on Tariff and ROOs (WebTR)     Member economies are to develop their respective website which will be later linked to the WebTR     To complete WebTR	Japan, United States	MAG and CTI	SCCP	By MRT 2010  By AMM/AELM 2010	Web TR completed and launched in 2010
				2011	MAG members' agreement on desirability of expanding the scope and functionality of the WebTR in 2011.  - Possible ideas have been circulated and discussed at MAG meetings.
				2012	MAG considering a proposal from the U.S. to create "21st Century APEC Tariff Database" that could improve search functionality beyond what is currently possible with WebTR. The U.S. withdrew its proposal at MAG3 2012.
Strengthen Cooperation with the Relevant International Organizations, i.e. ADB (Asian Development Bank), ASEAN (Association of South East Asian Nations), ESCAP(Economic and Social	Korea, United States	СТІ	SCCP and MAG	2011	Invitation of WCO to attend MAG meetings agreed by MAG members in 2011, to continue discussion on possible areas for collaboration between MAG

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating sub-fora /working group	Other sub- fora/working group involved	Date	Updates for 2012
Commission for Asia and Pacific), OECD(Organization for Economic Cooperation and Development), UNCTAD(United Nations Conference on Trade and Development), WB(World Bank), WCO(World Customs Organization), WTO(World Trade Organization) - To explore joint programs, - To facilitate work process and expand the horizon of capacity building program by optimising synergy, - To exchange views on how to implement				2012	<ul> <li>and WCO.</li> <li>WCO proposed that MAG and WCO collaborate on a comparative study of product specific rules by product sectors.</li> <li>WCO made a presentation on its ROO database, which contains comprehensive information on ROO provisions in FTAs applicable to WCO.</li> </ul>
action plans effectively by organizing roundtable discussion and Trade Policy Dialogue  To explore a partnership with the World Bank on research, data collection, and analysis and adapt relevant initiatives under the WB's Aid for Trade Facilitation Project to facilitate capacity building and technical assistance, e.g. advanced cargo information to facilitate pre-arrival risk assessment and pre-clearance.				2012	3-year guest status granted for WCO to attend SCCP meetings, until 31 December 2013.  With assistance from the World Bank, the U.S. to develop a checklist of internal policies and practices related to Chokepoint1 and individualized capacity building programs to assist economies in implementing the SC inventory for Chokepoint1.  - CTI1 approved the U.S. proposal to advance the Action Plan for Chokepoint 1 of the APEC Supply-Chain Connectivity Framework.  Australia, Hong Kong, China and Japan decided to join the project as co-sponsor.
Simplification and harmonisation of customs procedures on the basis of revised Kyoto Convention	New Zealand	SCCP			SCCP is working toward simplification and harmonisation of procedures based on the Revised Kyoto Convention (RKC).

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating sub-fora /working group	Other sub- fora/working group involved	Date	Updates for 2012
To promote each economy's accession to and/or implementation of the revised Kyoto Convention					- Ten economies have acceded to the RKC. Those economies which have not acceded yet have adopted major principles for trade facilitation stipulated in the convention.
Explore the possibility of adopting electronic certificates related to customs procedures  - To explore the possibility of implementing					
electronic certificates of origin issued by an authority among the APEC members when applicable, i.e. under preferential agreements.  To further develop electronic certificates of	Mexico	ECSG	SCCP	2011	ECSG developing projects on the use of paperless trading in commercial processes.  These projects aim at using "esolutions" or electronic procedures
<ul> <li>origin Pathfinder</li> <li>To develop other initiatives for paperless trading by studying best practices and</li> </ul>	Korea, Chinese Taipei	ECSG	SCCP		and processes in cross-border trade in order to save time and costs for firms and government agencies
sharing information, etc.		ECSG			seeking regulatory compliance information from traders. Areas covered by these projects include e.g ECOs; electronic invoicing, business requirements for data harmonisation and single window, best practices in paperless trading, e-negotiations, archiving of e-documents and e-trade financing.
					- A workshop on "Supply Chain Connectivity: e-Commerce as a Main Driver and Integration Tool was held in San Francisco on 19 September

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating sub-fora /working group	Other sub- fora/working group involved	Date	Updates for 2012
					2011, the objective of which is to discuss ways for improving the "soft infrastructure" of supply chain by ecommerce tools implementation.
				2012	Successful implementation of the ECO (electronic certificate of origin) project between two member economies, Chinese Taipei and Korea, since May 2010, moving beyond its pilot stage. Several other economies have been also preparing or considering their participation in the implementation of the ECO Chinese Taipei's update on the PTS on the current status of the "Electronic Certificate of Origin Project" (co-lead by Singapore and Korea) which has been implemented between Chinese Taipei and Korea since May 2010.  - More users have joined the live project. 16 exporters from Korea and 25 importers from Chinese Taipei and growing transaction number has been reported.  Workshop on the "Study on the Readiness of ECO Implementation in Cross-border Trade in APEC Region" was organized by China in Beijing in July 2012.

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating sub-fora /working group	Other sub- fora/working group involved	Date	Updates for 2012
					Joint Study proposed by Korea to promote introduction of e-B/L world wide at ECSG.  - Korea held working level meeting with Japan in November 2011 and with China in May 2012, and agreed to cooperate in the joint study.

#### **APEC SUPPLY-CHAIN CONNECTIVITY FRAMEWORK**

## **Action Plan for Chokepoint 6**

Underdeveloped multi-modal transport capabilities; inefficient air, land, and multimodal connectivity.

#### **Objective**

• To improve the efficiency of air, land and multi-modal connectivity in the region and to open up more options, enabling businesses to optimize supply-chain efficiency and operate across-the-border in the fastest, cheapest and most reliable way possible.

## **Participating Economies**

**Lead Economy:** Singapore

Other Participating Economies: Canada, Japan, Korea, Malaysia, Papua New Guinea and Russia

## **Action Plan**

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating sub-fora/working group	Other sub- fora/working group involved	Date	Update for 2012
Study the economic impact of enhanced multi-modal connectivity in the Asia-Pacific region, with a view to:	Singapore (co- sponsored by Hong Kong, China)	СТІ	TPTWG	2011	Completed in June 2010
<ul> <li>Identify the key impediments affecting multi-modal connectivity in the Asia Pacific region today;</li> </ul>					
Explore the potential economic impact of increased multi-modal connectivity on the Asia-Pacific region in terms of economic growth, trade flows, and regional economic integration;					
Propose actions to address these impediments to multi-modal connectivity.					
Explore further work on air transportation in the APEC region to meet Asia-Pacific supply-chain, business and economic requirements.	Singapore; [New Zealand; the United States]	СТІ	TPTWG	2015	The United States organised a Conference on Air Cargo, Trade and Economic Growth in San Francisco in the afternoon of 15 September 2011 under the auspices of TPTWG. The objective of the event was to bring together government officials, private sector participants, and relevant trade associations to have a conversation on the role greater air cargo liberalization could play in advancing economic growth in the Asia-Pacific region.

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating sub-fora /working group	Other sub- fora/working group involved	Date	Update for 2012
Project Proposal: "Application of navigation systems in monitoring and optimizing management of multi-modal transportation"  Key objectives:  • To discuss the importance of systemic use of navigation information to raise efficiency and security of multi-modal transportation;  • To advocate the advantages of navigation information systems application for cargo and passenger traffic control and synchronization of multi-modal transportation.	Russian Federation (Australia, Brunei Darussalam; Korea; Thailand; USA)	TPTWG	SCSC	2011	Commencement of self-funded project Global Navigation Satellite System (GNSS) Application for Seamless Transport Supply Chain Connectivity in APEC which seeks to address the issue of multi-modal connectivity and enhanced management of transportation within seamless supply chains through wider application of various GNSS technologies by APEC economies. A two-day workshop and an exhibition was held in Vladivostok, Russia on 2-4 October 2011. The workshop was held in conjunction with another APEC-funded project, Transborder Control and Optimal Transborder Logistics (TPT 06/2010), which has been was completed successfully. The final report was issued with the APEC Principles of Transborder Logistics Services Optimisation. The objective of the principles in a broader sense is to improve the efficiency of the processes associated with trading in goods and cargo flows across national borders by simplifying and harmonizing trade and transportation procedures and practices and optimizing transborder logistics. In a narrow sense the principles aim to overcome Chokepoints 1, 4, and 6 pointed in APEC Supply Chain Framework

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating sub-fora/working group	Other sub- fora/working group involved	Date	Update for 2012
					Action Plan.  2012 A workshop on Automated transport management systems (ATMS) implementation for optimizing logistics within the Asia-Pacific with an emphasis on ITS and GNSS application is scheduled for October 2012. The workshop aims to create the opportunity for participants to share experiences and best practices in the areas of construction, harmonization of approaches to transportation and cargo flow monitoring, and logistics management systems use. Participants are expected to formulate recommendations for the wider introduction of transportation and cargo flow management systems. These recommendations will inform the establishment of a mechanism of coordination of activities aimed at the enhancement of global supply chain routes in the Asia-Pacific region through advanced ATMS technologies.
Introduce the Secure and Smart Container (SSC) concept for intermodal transport (with a practical application mode)	Project led for TPTWG by People's Republic of China	TPTWG		2010	Completed in June 2010

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating sub-fora /working group	Other sub- fora/working group involved	Date	Update for 2012
Provide training in management of security, safety and emerging technology in intermodal transportation and supply chain systems  • Three such seminars have been successfully conducted in Manila, Jakarta and Vietnam	Project led for TPTWG by United States	TPTWG		Most recent seminar (Vietnam) conducted in October 2009	Most recent seminar (Indonesia) conducted in September 2010 <sup>2</sup>
Supply Chain Visibility Initiative					
Discuss within relevant fora (e.g. CTI, SCSC, ECSG, SCCP, TPTWG) and hold seminars and workshops for enhancing "supply chain visibility" to determine the feasibility of constructing an information network to share cargo status information in the multi-modal logistics	Japan, Korea; Chinese Taipei; The United States	СТІ	SCSC, ECSG, SCCP, TPTWG	2010 - 2012	Ongoing. Currently developing questionnaire survey and feasibility study (at SCSC).
Hold the "APEC Supply Chain Visibility Workshop" aiming at constructing an information network to share cargo status information in the multi-modal logistics by:	Japan; Korea; Singapore; Chinese Taipei; Hong Kong, China; The United States			Sep 2010	Completed in Sept 2010
Sharing the knowledge as to the positive effects of constructing the information network on productivity and efficiency of					

<sup>&</sup>lt;sup>2</sup> "Workshop on Airport Safety Oversight & Advanced Tech"

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating sub-fora /working group	Other sub- fora/working group involved	Date	Update for 2012
manufacturing industry, logistics industry, and customs procedures.					
Identifying the minimum required information to be shared through the network to construct the information network.					
Identifying activities by international standardising bodies, industries, ports and customs, which are necessary to construct the information network.					
Discuss a possible information network for sharing cargo status for improving multi-modal logistics and global supply chain.	Japan; Korea; Chinese Taipei; The United States	СТІ	SCSC, ECSG, SCCP, TPTWG	2011-2012	Work is underway to implement the Supply Chain Visibility (SCV) Initiative by recommending a set of standards for the purpose of the realization of the SCV, to APEC members. This project composes
Introduce advanced efforts in APEC members to improve visibility of container cargo movements through sea-ports.					of 3 phases:  • Phase I collects information about current status of the supply chain in APEC region through the questionnaire survey to
Conduct pilot projects with a view to proving the effectiveness of the required information and other elements identified by the above- mentioned workshop.					transportation players (forwarders, land and sea transporters, port operators, shipper, consignee, customs and other relevant authorities) (May 2011 through an APEC funded project, CTI07/2011T)
Formulate guidelines on how APEC should move to construct the					Phase II (self-funded, August 2011) -     Pilot examinations under the supply

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating sub-fora /working group	Other sub- fora/working group involved	Date	Update for 2012
interoperable information network to share cargo status in multi-modal logistics.					chain visibility network are conducted by Japan and other economies. After the pilot examination, considering results of Phase I and II projects, an investigator will conduct interviews with transportation players to make recommendations to APEC members for supply chain improvement.  Phase III (CTI 28/2011T) - a set of draft recommendations for member economies to establish common technical grounds for visualized, trans-border logistics in the APEC region will be developed based on results of Phase I and II and other additional input from other economies' experiences. These were discussed at a workshop that took place on 21 May 2012 in Kazan where participants shared best practices for enhancing supply chain visibility in the APEC region and agreed on next steps to promote supply chain visibility.  Japan held workshop in conjunction with TPTWG 36, August 2012 in St PetersburgWorkshop focused on discussing ways to enhance visibility of maritime container transportation, with an aim to share best practices on sharing data of

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating sub-fora /working group	Other sub- fora/working group involved	Date	Update for 2012
					Container Terminal Operation System.  Russia to take forward ongoing project on "Sharing Best Practices for Seamless Intermodal Cargo Movement – Phase 1 Physical Infrastructure". Aim is to develop a listing of best practices on transport infrastructure development and modal connectivity for intermodal cargo movement, and conduct a workshop on these best practices.
Conducting capacity building activities for facilitating implementation of the guidelines mentioned above to enhance "supply chain visibility"	Japan, Korea; Chinese Taipei; The United States	СТІ	SCSC, ECSG, SCCP, TPTWG	2012-	
Project Proposal:  Security monitoring model and network for regional supply chain with a particular focus on food security  Key Objectives:  Understanding of existing problems and impediments to supply chain security among APEC economies  Improved transportation security and cooperation on supply chain security monitoring among APEC economies	Project led for TPTWG by People's Republic of China	TPTWG		Jan. 2011 - Dec. 2011	Project is underway. TPTWG has commenced the implementation of its project on "Security Monitoring Model and Network for Regional Supply Chain with a Particular Focus on Food security" with expected deliverable to be baselines (policies, management, and technology applications) including a case study on food transportation security for developing a supply chain and transport security information monitoring network.

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating sub-fora /working group	Other sub- fora/working group involved	Date	Update for 2012
<ul> <li>Potential development of a supply chain and transport security information- monitoring network</li> </ul>					
<ul> <li>Optimization of the supply chain through computational modelling:</li> <li>Develop a computational tool for modelling and optimizing the transportation network.</li> <li>The tool will integrate problems typically treated in a piecemeal fashion, including economic, environ- mental and safety considerations, and analyse trade-offs between them while predicting network performance.</li> </ul>	Canada	TPTWG	СТІ	2012	Canada has completed its self-funded project on "Focus Group on Supply Chains Connectivity Framework: Public Performance Measurements – Internal Indicators". A focus group workshop on supply chain performance measurements and internal indicators was in Singapore on 17-18 February 2012. The key objective of the project was to determine the feasibility of implementing quantitative supply chain performance indicators for APEC trade and investment.
<ul> <li>Electronic Freight Management (EFM)         Information Exchange Platform     </li> <li>Deploy a test adoption of EFM over an international trans-Pacific supply chain where containerized goods moved by ocean carrier from Asia, land at a Canadian port and continue overland to a final destination such as a distribution centre</li> <li>This will track information exchange associated with clearing containerized goods through customs, port and terminal, and rail carriage systems for</li> </ul>	Canada	TPTWG	СТІ	2011	

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating sub-fora /working group	Other sub- fora/working group involved	Date	Update for 2012
inland transportation and will also include inter-modal systems involving motor carriers providing transportation to distribution centres.					

#### APEC SUPPLY-CHAIN CONNECTIVITY FRAMEWORK

## **Action Plan for Chokepoint 7**

#### Variations in cross-border standards and regulations for movements of goods, services and business travellers

#### **Objectives**

- To enhance the security and quality of cross-border communications through minimising the impact of variations in standards and regulations. This can be achieved through:
  - coordinated action to reduce the time to repair submarine cables
  - encouraging the establishment of a trusted online environment through cyber security initiatives.
- To reduce the cost of communications for international business travellers through the introduction of competitive tension in the international mobile roaming market
- To promote road safety standards through developing:
  - best practice approaches for marketing road safety measures;
  - best practice approaches to planning, funding and priority setting for road infrastructure and for network operations and management
  - promoting the use of applicable international standards for safety in and the safe use of vehicles

## **Participating Economies**

**Lead Economy:** Australia

Other Participating Economies: Indonesia, Malaysia, New Zealand, Japan, Peru and USA.

## **Action Plan**

	Proposed Action (Title and brief descriptions)	Economy	Sub-fora / working group	Other sub-fora/ working group involved	Date	Update for 2012
	proving Submarine Cable Protection ecific Action					
1.	Survey economies on their submarine communications cables and compile important information. Economies would be requested to nominate a designated point of contact to coordinate/facilitate stakeholder contact in their respective economies.	Australia	CTI/TEL		Sep 2011	A survey listing APEC economy points of contact on submarine cable regulatory and repair matters was tabled at TEL 44 in Kuala Lumpur in September 2011. The survey lists legislative requirements and will support further work on promoting cable resilience.
2.	Develop an inventory of legislative instruments and regulatory requirements relevant to submarine communication cables that operate in each economy. This would include permits, licenses, fees for repair, penalties and details of the inspection regime in each economy.	Australia	CTI/TEL		Sep 2011	Following the Trade Policy Dialogue on Protection of Submarine Telecommunications Cables in San Francisco in September 2011, the PSU initiated a study of the economic impact of disruptions to the submarine cable network in the Asia-Pacific region. The study will support the development of closer linkages between the cable industry and regulators through information sharing and review of regulatory barriers to cable protection and repair. CTI and TEL are considering a suitable way forward to foster industry-government collaboration.
3.	Raise awareness at Ministerial level of the importance of submarine communications cables and the impact and attendant cost to economies of outages.	Australia	СТІ	TEL	2012	The importance of submarine cable protection was recognized in the St Petersburg declaration issued at TELMIN9 in August 2012.

2012 CTI REPORT TO MINISTERS

Proposed Action	Economy	Sub-fora / working group	Other sub-fora/	Date	Update for 2012
(Title and brief descriptions)			working group involved		
Reducing International Mobile Roaming Charges Specific Action					
Development of multi-pronged approach which will include:					
Training sessions for telecommunications regulatory authorities;	Australia	TEL		ТВА	Australia is exploring means of funding the training sessions.
2. Development of an Action Plan - a report describing the IMR market within APEC economies and details of the multipronged approach available to regulators to improve consumer awareness and foster a reduction in roaming charges.	Australia	TEL		2013	Australia is attempting to secure funding for the engagement of a consultant as part of an overarching strategy on IMR.
Road Safety Standards for Heavy Vehicles					
Specific Action					
In response to a directive by Transport Ministers from Australia, Malaysia, New Zealand, Singapore and Thailand who met in February in 2010 in Melbourne, Australia developed and received approval for an APEC funded project to develop a compendium on heavy vehicle standards.	Australia [lead], co- sponsors: Malaysia, New Zealand, Singapore	TPTWG	ABAC	Jan/Dec 2011	A compendium of road safety measures for heavy vehicles in APEC transport supply chains has been finalised and will be circulated within TPTWG. The compendium provides a practical guide for dealing with driver fatigue, improving driver efficiency and developing a safety code of practice for heavy vehicles. The project was
The compendium will include measures to address driver fatigue, a Safety Code of Practice for Heavy Vehicles, and address issues relating to improving driver efficiency through a Professional Driver Training Program, initially for developing economies.	and Thailand				in response to a directive from Transportation Ministers from Australia, Malaysia, New Zealand, Singapore and Thailand who met in Melbourne, Australia in February 2010.

2012 CTI REPORT TO MINISTERS

Proposed Action (Title and brief descriptions)	Economy	Sub-fora / working group	Other sub-fora/ working group involved	Date	Update for 2012
The TPT-WG will use project outcomes to urge APEC economies to draw relevant matters from the compendium to address variations in cross-border standards for movements of goods and services.					
Electronic Data Interchange Linkages between Seaports					
A project to develop a best practice checklist for electronic sharing of maritime cargo information to reduce supply chain blockages. The project will demonstrate supply-chain benefits by highlighting electronic data interchange linkages between port community systems. It will build on APEC's work on single windows, cross-border paperless trade and certification. Deficiencies in information infrastructure linking major seaports as well as overlapping information requirements by seaport authorities are major impediments to effective functioning of supply-chains in the Asia-Pacific region.	Australia	СТІ	TPT/ECSG/SCCP	2013	A workshop is planned to be held in Shanghai in February 2013 to raise awareness of the benefits of electronic port linkages. The workshop will provide options of solutions for deficiencies in information infrastructure linking ports. Findings will be used to share best practices and benefits for capacity building and economic growth in particular in developing economies. The project will deliver a compendium containing workshop outcomes, best practices and benefits of effective linkages between ports. Key outcomes will be reported and discussed at TPT-WG37, for APEC-wide consideration, to be held in the first half of 2013.

#### APEC SUPPLY-CHAIN CONNECTIVITY FRAMEWORK

#### **Action Plan for Chokepoint 8**

Lack of regional cross-border customs-transit arrangements.

#### Objective

Determine how Customs Administrations take care of transit by a non-party for the application of preferential treatment. In this context how and which documents are required for this compliance at the customs administration of the importing economy. For all the above it is necessary to establish a common understanding -not only for APEC customs administrations, but moreover for trade operators- on the documentation that justifies and accredited this transit.

It is also important to determine, if possible, a general overview regarding a timeframe for this transit in a non-Party, for store goods and splitting goods; all the above, under the surveillance of the customs administration of this non-party economy.

#### **Participating Economies**

**Lead Economy:** Chile

Other Participating Economies: Republic of Korea, New Zealand, Papua New Guinea and Singapore

## Possible Work Streams (Annex 3 of 2009/AMM/011app08)

- Examine and identify issues relating to transport and customs-transit and work towards addressing them.
  - e.g. Identify and examine the policy, technical, and regulatory issues involved in the passage of goods through 3rd party territory

## **Action Plan**

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating sub-fora /working group	Other sub- fora/working group involved	Date	Updates for 2012
Questionnaire to all APEC member economies in order to request information on:  - Which documents are acceptable by customs administrations for accreditation of goods in transit?  - Is there a timeframe for these goods in a third country?  - Is the division of the original consignment permitted in distribution centers /Free Zones?	Chile	SCCP	СТІ	2010-2012	SCCP is completing a revised questionnaire on the treatment of transit by a non-party for application of preferential treatment, including how and which documents are required for this compliance at the customs administration of the importing economy.  The questionnaire structures mainly in a binary system of responses (yes / no), the latter in order to obtain more accurate answers that would allow greater certainty in the analysis of the results.  14 economies have answered the questionnaire. Colombia a guest in the SCCP. answered it voluntarily, showing great interest through the entire process.  The analysis of the responses is in the development process and at first sight it can be observed that the differences in requirements is diverse; for example, some member Economies deny preferential treatment to goods subject to transit operation, deadlines are different, among other.

2012 CTI REPORT TO MINISTERS

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating sub-fora /working group	Other sub- fora/working group involved	Date	Updates for 2012
					However, there are answers that are quite similar among some economies such as the specific declaration for a transit operation, route conditions guarantees report and others.  The Final Report of this analysis is to generate proposals that ultimately will allow APEC economies to harmonize measures and procedures aimed at facilitating cross-border movement of goods between members. The estimated date of completion and consolidation of the Final Report is 31 October 2012.
Elaborate a comparative study in order to determine trends and best practice in the APEC Region, regarding a critical issue in the framework of bilateral trade agreements.	Chile	SCCP	СТІ	2010/2011	
Present to all stakeholders the result of the information gathering exercise	Chile		СТІ	TBD by the SCCP/ CTI	
Further discuss concepts to draft APEC guidelines for Transit and Transhipment.	Chile	SCCP	СТІ	2011/2012	Draft Customs-Transit Guidelines for APEC FTAs is under consideration in the SCCP and CTI.
Draft if possible APEC guidelines for Transit and Transhipment.	Chile	SCCP		2011	
Identify specific issues and impediments relating to cross-border customs-transit arrangements for	Singapore			2011	CTI1: Seven impediments that companies faced in cross-border customs transit were

Proposed Action (Title and brief descriptions)	Coordinating Economy	Coordinating sub-fora /working group	Other sub- fora/working group involved	Date	Updates for 2012
logistics companies that operate in the APEC region.					identified (see 2011/SOM1/CTI/018).
					CTI2: Suggested approaches in addressing
					the impediments, based on industry
					feedback and inputs from economies were
					compiled. (see 2011/SOM2/CTI/012)

#### Measurement

The proposed guidelines will be measure considering the number of response of APEC member economies. In this area, the questionnaire was elaborate based for further determine the percentage of compliance on this matter. This information would be tabulate and will permit numerical conclusions.