APEC’s Initiatives, Actions and Outcomes on Private Sector Participation in Disaster Risk Reduction

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21 Member Economies in APEC
APEC region
a highly disaster-prone area

Common Natural Disasters

Earthquake China, 2008

Typhoon Philippines, 2014

Debris flow China, 2010

Earthquake & Tsunami Japan, 2011

Flood Thailand, 2011
A glance at APEC SMEs

APEC SMEs Monitoring 2013

98% of total business is SMEs

41% GDP

64% of employment

70% global natural disasters Causing supply chain disruptions and economic losses averaged 68 billion USD per year during 2003-2013.

Statistics compiled by the United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP)
Top priorities of APEC Emergency Preparedness since 2010

- Business and community resilience
- Public-private partnerships
- Disaster risk reduction
- Cooperation and coordination with regional and international stakeholders
- Preparations for the recovery phase
The first international workshop after the Great North Eastern Japan Earthquake and Tsunami

The purpose of workshop is to enhance capacity in the Asia-Pacific to protect business, trade and economic growth, as well as communities, from disruption caused by disasters.

This workshop focus on strengthening public-private partnership capacity for emergency preparedness and Business Continuity Plan.
Actions: Improving Natural Disaster Resilience of APEC SMEs to Facilitate Trade and Investment

SMEs are the lifeblood in APEC Region

- SMEs account for 90% of the businesses and employ well over half of the workforce for the majority of economies in the region

SMEs lack of disaster preemptive knowledge and mechanisms

- From the 311 Earthquake in Japan, more than 300 companies went down in six months, and 90% out of these companies went bankrupt by “Indirect loss or damage” caused by natural disasters.

Chinese Taipei proposed a multi-year project for SMEs to respond to natural disasters in APEC region, to establish reliable supply chains for SMEs and to ensure the continuity of trade and investment.
Multi-year Framework and major goals by inviting regional collaboration, ADRC and ADPC

Phase I (2012)
- Preparation and Research
  - Conducted joint study & survey
  - Established focal point network
  - Held the first expert meeting
  - Endorsed Guidelines on Promoting BCPs
  - Drafted educational guidebook

ADRC

Phase II (2013)
- Train the Trainer
  - Held the second expert meeting
  - Finalized the Guidebook on SME Business Continuity Planning
  - Held the Train-the-Trainers Workshop in August in Taipei

ADRC and ADPC

Phase III (2014)
- Dissemination
  - Hold the second stage training workshop (Thailand, Indonesia, and Singapore)
  - Assist APEC economies to build PFM and BCPs of their SMEs
  - Hold the High Level Dialogue on Resilient SMEs for Better Global Supply Chains

ADRC and ADPC
Project closely links with APEC core values

2013
APEC Theme
Resilient Asia-Pacific: Engine of Global Growth

2014
APEC Theme
Shaping the Future through Asia-Pacific Partnership

2014
APEC SMEMM
Innovation and Sustainability

Resilience
APEC MYP on Disaster Resilience of SMEs Recovery
# Project milestones to implement designed goals

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<th>Year</th>
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<td>2012</td>
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| 2012/2 | Project proposal approved  
| 2012/4~10 | Joint study in collaboration with EPWG and other stakeholders |
| 2013 |  
| 2013/3 | 2nd Focal Point Network Meeting and Expert Meeting  
| 2013 | Collaboration with ADRC  
| 2013 | Published: Guidebook on SME Business Continuity Planning |
| 2014 |  
| 2014/3/24 | High Level Policy Dialogue on Resilient SMEs for Better Global Supply Chains |

**Preparation and Research**

- **2012/7/11~12** Focal Point Network Meeting and Expert Meeting

**Train the Trainer**

- **July 11th~12th, 2012**
  - 16 Economies, 21 Experts and 300+ Participants

- **August 5th~9th, 2013**
  - APEC Train-the-Trainer Workshop on Promoting SME BCPs
  - 16 Economies, 20 Experts, 44 Seed Trainers and 400+ Participants

**Dissemination**
Summarized outcomes of 3-Year Project

1. Establish the expert and focal point network
2. Study and explore demands of APEC SMEs
3. Publish the APEC SME Monitor
4. Collect BCP best practices
5. Publish SME BCP Guidebook
6. Host train the trainer workshop
7. Hold High-Level Policy Dialogue meeting

30,000+ Subscriptions

Tasks 2012-2014

Languages: 6
## Outcomes: BCP Guidebook designed for SMEs in 6 languages already

### Lecture (BCP Guidebook)

**Step 1**: Determine BCM purpose, scope and team

**Step 2**: Prioritized activities and Recovery Time Objective

**Step 3**: Key resources necessary for prioritized activities

**Step 4**: Risk assessment – know your worst scenarios

**Step 5**: Do not forget pre-disaster protection and mitigation

**Step 6**: Emergency response to disaster

**Step 7**: BC Strategies to early resumption

**Step 8**: Be financially prepared

**Step 9**: Exercise makes your plan functional

**Step 10**: PDCA cycle for your continuous improvement

### Discussion (Scenario Assessment)

1) Scenario Checking

2) 10 steps based on ISO22301

### Case Study (6 Real Cases)

Asian Disaster Reduction Center (ADRC) helped to develop the guidebook
Recommendations on Resilient SMEs to enhance business’s role at DRR

- Establish SME Business Continuity Plans to Facilitate Trade and Investment
  - Develop exclusive BCPs for all other industries to build up the capacity on disaster resilience for SMEs.
- Implement BCP Guidebook for Better Global Supply Chains
  - Disseminating Guidebook in different languages
  - Organizing the local training programs to train the seed trainers
  - Sharing the best practices, knowledge and information
- Enhance the Public-Private Partnership and Cross-Fora Cooperation
  - Collaborating within APEC and other organizations for promoting BCPs at SMEs
  - Integrating the resources from the public and private sectors and experts to strengthen the capacity of SMEs
Next step: Seven Principles for enhancing global supply chain resilience (with APEC TPTWG)

1. Share information and knowledge
2. Promote disaster risk management and hazard mapping
3. Support planning and business continuity
4. Promote best practice policy, regulations, and flexibility
5. Leverage regional cooperation to support the supply chain,
6. Promote critical infrastructure protection
7. Recognize and promote best practice in human resource and capacity management
- Thank You -