Regional Efforts on Disaster Risk Reduction by Emergency Preparedness Working Group under Asia-Pacific Economic Cooperation

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3ICUDR, Colorado, Boulder
Asia-Pacific Economic Cooperation – 21 member economies

APEC's 'Three Pillars:
• Trade and Investment Liberalization
• Business Facilitation
• Economic and Technical Cooperation
APEC Emergency Preparedness Working Group positioned under SCE

- SMEWG
- EPWG
- HWG
- HRDwg

Policy Level  Working Level
APEC region
a highly disaster-prone area

Frequent Natural Disasters

Earthquake
China, 2008

Debris flow
China, 2010

Earthquake & Tsunami
Japan, 2011

Typhoon
Philippines, 2014

Flood
Thailand, 2011
Historical development of EPWG

• **2005~2009 TFEP period**
  – Emergency Preparedness Working Group was known as Task Force for Emergency Preparedness (TFEP) in APEC
  – In response to 2004 Indian Ocean Tsunami, 18 members attended the meeting of the TFEP, Bali, Indonesia, 2-3 April 2005

• **On February 23, 2010, in Hiroshima, Japan**
  – the First Senior Officials’ Meeting, the Task Force was approved to be upgraded to a permanent working group.

• **On June 2, 2010, in Sapporo, Japan**
  – During the second meeting of the SOM Steering Committee on ECOTECH (SCE), the Terms of Reference (ToR) of the Emergency Preparedness Working Group (EPWG) and
  – the first Co-Chairs of Australia and Indonesia
  – Incumbent Co-Chairs: Chinese Taipei and Viet Nam
EPWG Mandates

- To build the capacity of APEC economies to mitigate, prepare for, respond to and recover from emergencies and disasters;
- To improve coordination and cooperation on emergency and disaster preparedness efforts within APEC.
- No involvement of emergency relief
Top priorities of APEC EPWG 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
Who attends EPWG meetings and workshop? Both inter-disciplinary and trans-disciplinary

Dialogues among different stakeholders

- Diplomats
- Government officials: disaster manager, emergency responders, policy makers
- Academia: earthquake, flood, cyclone, geo hazards..........
- NGOs, NOGs
- International Organizations
- Business people
APEC SMEs at a Glance

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)
First Initiatives: APEC Workshop on Private Sector Emergency Preparedness in 2011

- The first international workshop after the Great North Eastern Japan Earthquake and Tsunami
- To enhance capacity in the Asia-Pacific to protect business, trade and economic growth, as well as communities, from disruption caused by disasters.
- To strengthen public-private partnership capacity for emergency preparedness and Business Continuity Plan.
Links with APEC Theme 2013 & 2014

2013
APEC Theme

Resilient Asia-Pacific : Engine of Global Growth

Shaping the Future through Asia-Pacific Partnership

2014
APEC Theme

2014
APEC SMEMM

Innovation and Sustainability

Resilience
APEC MYP on Disaster Resilience of SMEs Recovery
Summary of 3 Year Project

Tasks 2012-2014

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

Scenario Checking
10 steps based on ISO22301

7 Languages
Project Milestones

2012

- 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

- 2013 Collaboration with ADRC
  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

- 2013/8
  APEC Train-the-Trainer Workshop on Promoting SME BCPs

Dissemination

- March 24th, 2014

16 Economies, 21 Experts and 300+ Participants

16 Economies, 20 Experts, 44 Seed Trainers and 400+ Participants
2014 Deliverables—BCP Workshops

Thank for Thailand, Indonesia, Singapore, Viet Nam, and Mexico’s Supports for hosting Train-the-Trainer Workshop and translating BCP Guidebook.

7 Training Workshops

<table>
<thead>
<tr>
<th>Date</th>
<th>February 18-21</th>
<th>April 23-24</th>
<th>June 20</th>
<th>June 26-27</th>
<th>August 20-21</th>
<th>August 27</th>
<th>September 15-16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economy</td>
<td>Thailand</td>
<td>Indonesia</td>
<td>Chinese Taipei</td>
<td>Viet Nam</td>
<td>Chinese Taipei</td>
<td>Mexico</td>
<td>Singapore</td>
</tr>
<tr>
<td>Seed Trainers</td>
<td>40 people</td>
<td>30 people</td>
<td>70 people</td>
<td>50 people</td>
<td>50 people</td>
<td>50 people</td>
<td>50 people</td>
</tr>
</tbody>
</table>

20+ experts
300+ Seed Trainers
6 economies
## 2014 Deliverables— 10 Steps for BCP

**10 easy steps for SMEs to use Business Continuity Plans to Strengthen Reliability of Supply Chains**

<table>
<thead>
<tr>
<th>Step 1</th>
<th>Step 2</th>
<th>Step 3</th>
<th>Step 4</th>
<th>Step 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Determine BCP Purpose, Scope and Team</td>
<td>Prioritized Activities and Recovery Time Objective</td>
<td>What Do You Need to Resume Key Activities?</td>
<td>Risk Assessment - Know Your Disaster Scenarios</td>
<td>Do Not Forget Pre-Disaster Protection and Mitigation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Step 6</th>
<th>Step 7</th>
<th>Step 8</th>
<th>Step 9</th>
<th>Step 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Response to Disaster</td>
<td>BC Strategies to Early Resumption</td>
<td>Be Financially Prepared</td>
<td>Exercise Makes Your Plan Functional</td>
<td>Ongoing Review and Improvement</td>
</tr>
</tbody>
</table>
EPWG working with cross-fora efforts on improving business resilience

• **2012**
  - Developing Governments’ Capacity to Promote and Facilitate the Effective Use of Business Continuity Planning for Disaster Resiliency (EPWG, Australia)
  - Train-the-trainer workshops (SMEWG)

• **2013**
  - APEC Seminar on Capacity Building for Disaster Recovery and Rehabilitation (EPWG)
  - Policy Dialogue on Emergency Response Travel Facilitation (ERTF) (EPWG, BMG, SCCP)
  - Business Continuity Planning: Policies, Practices and Programs (EPWG, Australia)
  - Peer Group Review of BCP booklet/project effectiveness (EPWG, Australia)
  - Workshop on Global Supply Chain Resilience (TPTWG, EPWG)
  - Train-the-trainer workshops (SMEWG)
EPWG working with cross-fora efforts on improving business resilience

2014

- Seminar on Enhancing Regional Supply Chain Resilience to Disasters in APEC (EPWG)
- Improving the Resilience of the Global Supply Chain (TPTWG, EPWG)
- High Level Policy Dialogue on Resilient SMEs for Better Global Supply Chains (SMEWG, EPWG)
- Train-the-trainer workshops (SMEWG)
- The 6th Asia Ministerial Conference on Disaster Risk Reduction (UNISDR)
- Secure Infrastructure Workshop on Critical Infrastructure Security and Resilience (CTWG, EPWG)
Recommendations on Resilient SMEs to enhance business’s role at DRR (SMEWG, EPWG)

- **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
Seven Principles for enhancing global supply chain resilience (TPTWG, EPWG)

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
Collaborations on business resilience beyond 2014

<table>
<thead>
<tr>
<th>Collaboration Area</th>
<th>Target:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Emergency Response Travel Facilitation</strong></td>
<td>Business resumption to jump-start affected business</td>
</tr>
<tr>
<td></td>
<td>Travel facilitation to technicians and supporting personnel</td>
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<tr>
<td><strong>Global Supply Chain Resilience</strong></td>
<td>Resilient trade environment</td>
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<tr>
<td></td>
<td>Capacity building on regional business continuity management</td>
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<tr>
<td><strong>Application of Open data and Big data to Emergency Preparedness</strong></td>
<td>Better hazard information preparedness for business</td>
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<td></td>
<td>Information-based support to business continuity plan</td>
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<tr>
<td><strong>Critical Infrastructure Security and Resilience</strong></td>
<td>Resilient lifeline for business operation</td>
</tr>
<tr>
<td></td>
<td>Solutions to reduce business interruptions</td>
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</table>
Further comprehensive collaboration on business resilience through regional synergy

Emergency Response Travel Facilitation
EPWG, SCCP, BMG

Application of Open data and Big data to Emergency Preparedness
EPWG

Global Supply Chain Resilience
TPTWG

Critical Infrastructure Security and Resilience
CTWG

Business resilience

APEC Contributions

UNISDR

Private sector’s involvement
- Thank You -