

Annual Report 2015

Road2Resilience: Private Sector in Disaster Risk Reduction



Building
resilience in business

Making business
continuity plan easy

Solutions for
risk-informed investment



ADPC's Journey on Engaging the Private Sector in DRR



BCP Orientation
Workshops & ISO22301
Training

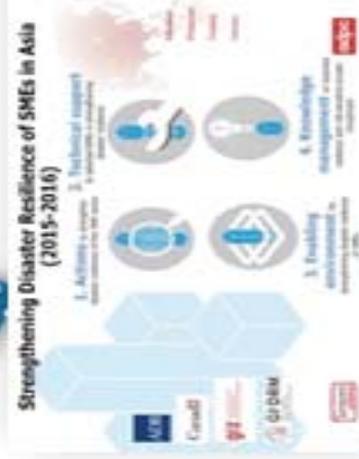
National Consultation on
Towards a Resilient
Business Community:
SMEs&DRR

2014

ADPC Newsletter
(Special Edition)

An in-depth study
on disaster
resilience and status
of BCP
Development in
Thailand

Global Best
Practices on SME
Disaster Resilience



Assessment Study
on: Mobilizing the
private sector for
disaster preventive
adaptation to
climate change

2013

National
Consultation on
Private Sector
Engagement in
DRR

2011-12



2007-2011

Promoting Public
Private Partnerships
in Viet Nam



2015 & beyond!

Dear Readers,

The iPrepareBusiness Facility has been established and fully active for one year. We thank you for your guidance and support for helping engage the private sector, especially small and medium enterprises (SMEs), in disaster risk reduction by enhancing awareness and technical services on resilient investment. The facility aimed to help private enterprises to build capacity through simplified business continuity planning and management and on the basis of scientific risk assessments. The objective is to create an enabling environment for business resilience and resilient investment. We are confident to report to you that interest is growing among SMEs on business resilience. This report documents the exemplary partnership models which continue to grow. Furthermore, we are happy to continue supporting private enterprises, including local businesses, to address and incorporate risk reduction measures on preparedness for future disasters.

In 2015, disaster resilience projects under the iPrepareBusiness Facility have been supported by many organizations such as the Asian Development Bank (ADB) under the IDRM initiative supported by the Government of Canada, the German Ministry for Economic Development and Cooperation through the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) within the framework of the Global Initiative on

Disaster Risk Management (GIDRM), Oxfam International, and the Japan International Cooperation Agency (JICA). In addition, we have cooperated with many partners from the public and private sectors in Asia and neighboring regions in engaging in disaster preparedness activities.

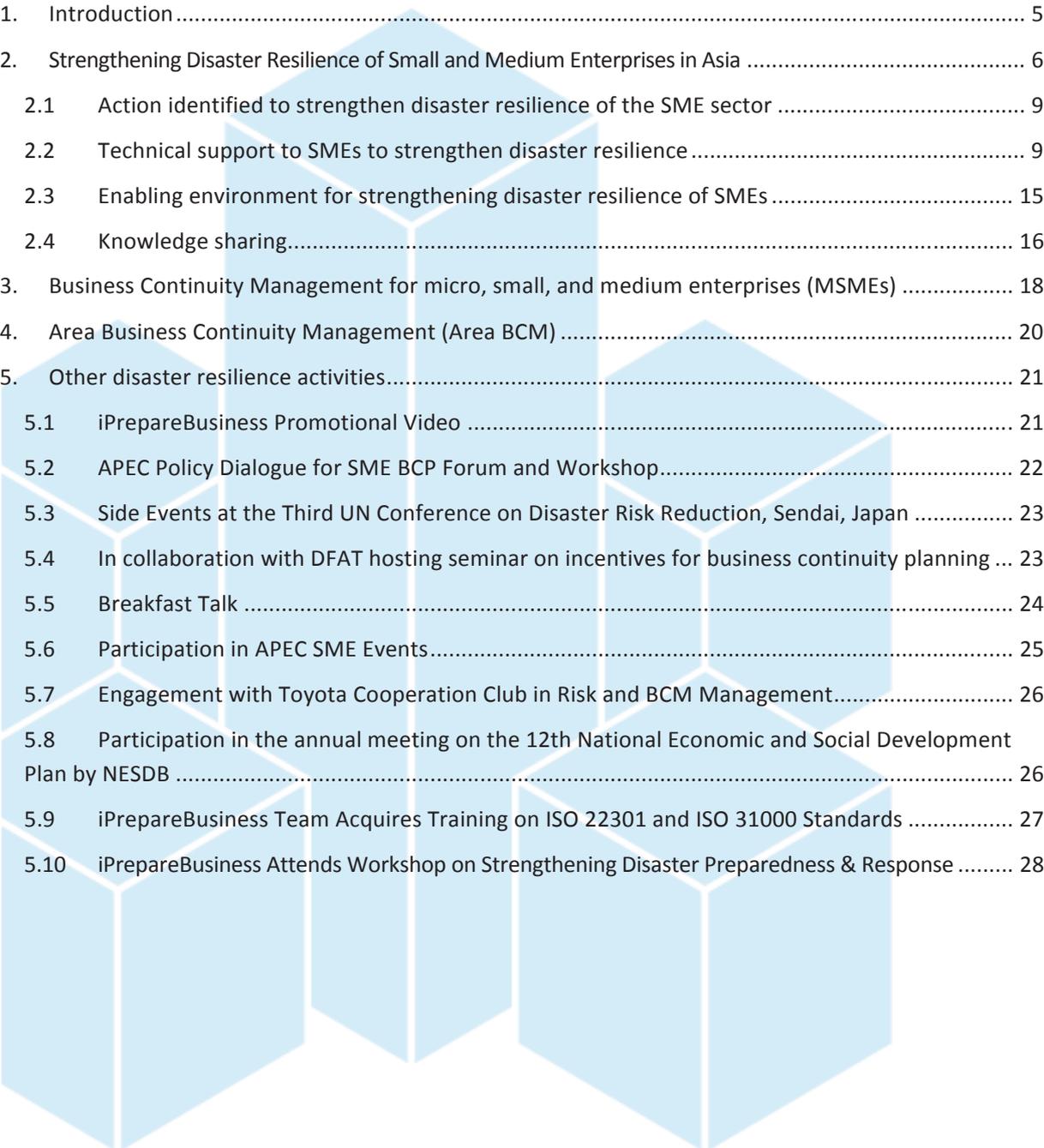
The iPrepareBusiness Facility will continue to work towards creating an enabling environment where effective legislation frameworks support resilient investment, private enterprises are incentivized for addressing and incorporating risk reduction measures, and local businesses are prepared for future disasters.

iPrepareBusiness Team

Asian Disaster Preparedness Center (ADPC)



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1. Introduction

Disasters continue to cause significant socio-economic losses in the Asia and Pacific region. More than 90 percent of damage and losses were borne by private enterprises particularly the small and medium enterprises (SMEs) which are the major group of business in this region. Severe disasters impacted business disruption and supply chain resulting in losses in employment, income, and economic growth.

The Asian Disaster Preparedness Center (ADPC) launched its iPrepareBusiness Facility to help the private sector, particularly small and medium enterprises (SMEs), build capacity of businesses to adapt to disaster and climate change risks including supporting solutions for risk-informed investment. The goal of iPrepareBusiness is to achieve private sector engagement in disaster risk reduction in creating shared value through disaster risk management and being a partnership for risk information into investment decision.

iPrepareBusiness activities will include training on business continuity management, organizing awareness raising forums, providing support to governments on policies and incentives for SMEs to invest in DRM, and sharing knowledge management and business cases of disaster risk reduction.

Recently, ***the iPrepareBusiness Facility presented “Strengthening SME Resilience” activities at the Fall 2015 Meeting of the Global Facility for Disaster Reduction and Recovery (GFDRR) in***

Berlin, Germany. This meeting was hosted by the German Ministry for Economic Development and Cooperation (BMZ) on 27 October 2015. The presentation disseminated knowledge on public and private partnership and investment in DRR, which emphasized the capacity of the iPrepareBusiness Facility of ADPC to engage the private sector in disaster risk reduction to ensure safer and resilient communities in the region.

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2. Strengthening Disaster Resilience of Small and Medium Enterprises in Asia

Recognizing the importance of regional economic resilience, the iPrepareBusiness Facility of ADPC has implemented the project “Strengthening the Disaster Resilience of Small and Medium Enterprises in Asia” supported by the ADB’s Integrated Disaster Risk Management Fund, financed by the Government of Canada, and the German Ministry for Economic Development and Cooperation (BMZ) through the Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH (GIZ) within the framework of the Global Initiative on Disaster Risk Management (GIDRM).



Partners Workshop of Strengthening Disaster Resilience of SMEs in Asia on 26-27 January 2015 at D Varee Jomtien Beach, Pattaya

Indonesia, Philippines, Thailand and Vietnam are the target countries of the project. The overall objective is to build disaster-resilient businesses in the region, by undertaking the following: 1) identifying actions to strengthen resilience of SMEs; 2) providing technical assistance in strengthening resilience to selected SMEs

on a demand-driven basis; 3) supporting governments in strengthening the enabling environment that promotes risk sensitive and informed investments by SMEs; and 4) facilitating knowledge sharing. Project duration is 18 months (December 2014 – May 2016).

ADPC organized a Partners Workshop on January 26-27, 2015 at D Varee Jomtien Beach, Pattaya. The one and a half day workshop sought to engage all partners to strategically plan the activities under the regional project, and recommend strategies for improving project visibility. The 22 participants attending the workshops included representatives from the Governments of Indonesia, the Philippines, Thailand, and Vietnam; representatives from the Global Initiative on Disaster Risk Management (GIDRM) of GIZ; media partners; and the iPrepareBusiness Team. As agreed during the workshop, conducted activities would be designed based on specific needs and business environment.



1

ACTIONS TO STRENGTHEN DISASTER RESILIENCE OF THE SME SECTOR



- Design and undertake **surveys** on SME resilience
- Conduct **assessments** to identify the types of technical support the SMEs need to strengthen resilience
- Develop **roadmaps** of priority actions for strengthening SME resilience

2

TECHNICAL SUPPORT TO SELECTED SMEs IN STRENGTHENING DISASTER RESILIENCE



- On a demand basis, organize **training** and **workshops** for SMEs on disaster risk reduction (DRR) including business continuity planning (BCP)
- Build the **capacity** of government officials to provide future support to SMEs in achieving resilience
- Provide **direct technical support** to selected SMEs on risk assessment, risk reduction, cost-benefit analysis and BCP development

OUTCOME

- A better case for strengthening disaster resilience of SMEs based on the analysis of survey data
- Sustainable mechanisms for strengthening SME resilience introduced and included in the roadmap of each country

OUTCOME

- A number of SMEs to develop their own BCPs, conduct risk assessment and cost-benefit analysis
- Government officials capable of strengthening SME resilience to disasters

3

ENABLING ENVIRONMENT FOR STRENGTHENING DISASTER RESILIENCE OF SMEs



- Undertake **analytical studies** of existing legislation, policies and regulations, institutional set-up, and incentives related to promoting SMEs and identify gaps and opportunities for strengthening disaster resilience in each target country
- Arrange **consultations** with relevant agencies in each target country to identify priority actions that can help strengthen the enabling environment

4

KNOWLEDGE MANAGEMENT ON BUSINESS RESILIENCE AND RISK-SENSITIVE PRIVATE INVESTMENT



- Document and disseminate **research studies, guidelines** and/or **manuals** on different regional disaster risk management-related topics of relevance to SMEs
- Organize **national forums** to share knowledge and experiences relevant to SME resilience
- Organize a **regional forum** to share experiences and identify a sustainable way forward
- Develop an **online platform** for SMEs, which includes discussion forums, databases, risk maps, reports, manuals, webinars, etc.
- Compile and publish **successful case studies** on SME resilience

OUTCOME

- Government partners committed to strengthen the enabling environment for strengthening disaster resilience of SMEs

OUTCOME

- Awareness on SME resilience increased among SMEs, government agencies and other stakeholders
- Government agencies in target countries cooperate closely to create a resilient business community at regional level
- Other countries in Asia learn from their neighbors' experience to strengthen SME resilience through the knowledge sharing platform such as a web portal and successful case studies

To provide a framework for the collaborative alliance needed in implementing the regional project, a memorandum/letter of understanding (MOU/LOU) was signed between ADPC and each of its partner government agencies. The MOU set out the objectives of the collaboration and the roles and responsibilities of the partners.

In April 2015, the iPrepareBusiness Team and its main partner in the Philippines, the Department of Trade and Industry (DTI) through the Bureau of SME Development (BSMED), organized a signing ceremony. DTI Undersecretary Zenaida Maglaya and ADPC's Executive Director, Mr. Shane Wright, signed the MOU on the cooperation in building SME disaster resilience in the Philippines.

In May 2015, Mr. Le Manh Hung, Director of TAC-Hanoi, and Mr. Aslam Perwaiz, iPrepare Business Team Leader and Department Head of Disaster Risk Management Systems (DRMS) at ADPC, signed the MOU between the two parties.

In the same month, Mr. Meliadi

Semiring, Deputy Minister for Research and Development for Cooperatives and SME Resources, Ministry of Cooperatives and SMEs and iPrepareBusiness Team Leader Mr. Aslam Perwaiz signed a Letter of Understanding (LOU) on cooperation in building SME resilience to disasters in Indonesia.

Additionally, on 24 June 2015, ADPC signed an MOU with the Office of Small and Medium Enterprises Promotion (OSMEP). The Prime Minister of Thailand, Gen. Prayuth Chan-ocha attended this ceremony and signed the MOU on behalf of OSMEP, while Prof. Dr. Krasae Chanawongse, Chairman of ADPC, signed it on behalf of ADPC. As a result, ADPC has been an official partner of OSMEP in providing business-resilience activities to SMEs through ADPC's iPrepareBusiness Facility.

NATIONAL PARTNERS

- Indonesia**
Ministry of Co-operative&SMEs
Indonesian National Board for Disaster Management (BNPB)
- Philippines**
Department of Trade&Industry
National Disaster Risk Reduction and Management Council (NDRRMC)
- Thailand**
Office of Small and Medium Enterprises Promotion (OSMEP)
Department of Disaster Prevention and Mitigation (DDPM)
- Vietnam**
The Assistance Center for SME-North Vietnam (TAC-Hanoi)
Disaster Management Center (DMC)



A memorandum/letter of understanding (MOU/LOU) signed between ADPC and each of its partner government agencies.



Thailand



The Philippines



Vietnam



Indonesia

Several activities had been carried out toward the achievement of the project objective:

2.1 Action identified to strengthen disaster resilience of the SME sector

iPrepareBusiness has undertaken an SME Resilience Survey to understand the SME resilience situation, the status of BCP adoption, including the needs of SMEs to support resilient investment. The survey results are crucial for the formulation of a national roadmap in the four target countries. iPrepareBusiness expected 500 responses in the Philippines and 400 responses in each of the rest of the target countries.

As of November 2015, more than 1,000 completed questionnaires have been collected. The survey is now closed in Thailand, Vietnam, and the Philippines, where as it is still on-going in Indonesia. The survey reports will be disseminated to our stakeholders in the first quarter of 2016.

2.2 Technical support to SMEs to strengthen disaster resilience

Training of trainers for SMEs and government official in Business Continuity Management

The iPrepareBusiness Facility provides training on resilience building for enterprises, especially SMEs. Our team has contributed to training across various aspects with business continuity management and risk assessment

having been particularly focused on as a tools for resilient investment.



Training of trainers' participants with their certificates of participation on 25-27 August 2015

workshop to equip relevant government officials with skills to provide knowledge on DRM and BCP to local SMEs. The training workshop was held on 25-27 August 2015 at Bonanza Resort, Khaoyai, Nakorn Rachasima. Although government officials were the primary target participants, interested relevant agencies and private enterprises were welcomed to join the ToT workshop. There were 20 participants including Office of Small and Medium Enterprises Promotion (OSMEP), Department of Disaster Prevention and Mitigation (DDPM), SME Bank, and Isuzu Motors (Thailand).

In order to ensure that disaster preparedness capacities are built, iPrepareBusiness has planned to provide training-of-trainers (ToT) workshops on DRM and BCP to local business enterprises. Target participants of ToT workshops are relevant public officials, SMEs, and business enterprises involved global value chains (GVCs). The purpose of the ToT workshop is to enhance participants' capacities and skills in business continuity management. After the ToT workshop, the iPrepareBusiness Team expects the participants to disseminate their BCM knowledge to local SMEs and relevant enterprises.

The iPrepareBusiness Team anticipates to conduct at least 2 Training of Trainers on BCM for government officials and other two workshops for local SMEs in each target country.

In Thailand, the iPrepareBusiness Team already conducted one training of trainer

After ToT completion, ADPC also conducted a follow-up workshop for participants on 11 September 2015 to review all training materials and the steps of developing BCP to create common understanding among the participants. After attending the training, the participants gained more confidence to transfer BCM knowledge to their partners and local SMEs. For instance, Isuzu has organized BCP workshops for their tier-one suppliers. It should be noted that the ToT program on BCP should be promoted not only to public officials but

also to any large enterprises that have SMEs as their partners in the supply chains.

For the ToT of local SMEs in Thailand, almost 100 local SMEs received BCM training from the iPrepareBusiness Team. Two training workshops were held by OSMEP and facilitated by the iPrepareBusiness Facility of ADPC on 8 June and 11 August 2015.

The iPrepareBusiness Facility has planned to organize ToT on BCM for government



BCP Training of trainers' SME participants on 8 June 2015

iPrepare Business team explained BCP concept and introduce best practices relating to BCP to government and relevant officials on 25-27 August 2015



Isuzu Motor (Thailand) provides BCP training to tier-one suppliers on after receiving ToT on 6 October 2015 by iPrepare Business Facility

BCP workshops during ToT for SMEs on 11 August 2015

officials and SMEs in Indonesia, Vietnam, and the Philippines within the first quarter of 2016.

Technical support of Business Continuity Management for SMEs in Thailand

For Thailand, in order to ensure that disaster preparedness capacities are built within certain SMEs, the iPrepareBusiness Facility of ADPC has provided direct technical services on disaster risk assessment and business continuity management to selected SMEs by launching the “Resilient SMEs Champion” program. Based on SME definition in Thailand, an enterprise must have employees less than 200 persons or fixed capital less than THB 200 million, excluding land and properties. In addition, SMEs who were selected to join this program must meet at least one of the following criteria:

- Located in disaster-prone areas
- Classified in key business sector (agriculture, ICT, hotel and tourism, logistics, and automotive industry)
- Directly and indirectly affected by natural hazards
- Participated in global value chains

1. Koson Co., Ltd.
Business in trading agricultural raw materials of animal feed such as Yellow Maize (Corn), Tapioca Chips and other agriculture products. Located in Ayutthaya.



Currently, nine selected SMEs have participated in this program. The selected SMES are from different industry sectors—agribusiness (3), auto parts (2), hotel and tourism (1), trading (2), and communication services (1). SMEs engaged in this program are following:

2. Medifoods (Thailand) Co., Ltd.
Production and distribution of safe and premium quality rice and rice-derived health products. Engaging in full. Located in Chaiyaphum province.



AGRI BUSINESS

3. Agribusiness Co., Ltd.
Business in import and export farm and livestock automation equipments. Headquarter located in Nontaburi province.



4. SAMCO Co., Ltd.
Auto parts business for more than 30 years, and supply parts to automotive industry since 2008. Located in Samut Prakan province.





5. Transtron (Thailand) Co., Ltd
Business lines in production and sales of automobile electronic components. Located in Pathum Thani province



8. G-Tech OHM Co., Ltd.
Trading Business in printing suppliers and materials. Located in Bangkok



6. First Contact Center Co., Ltd.

Provide 24-hour services in outsourcing contact center. Located in Bangkok



9. Advance Exchange Technology Co., Ltd.

Business in heating, cooling, and energy saving system with fully service. Located in Bangkok



7. Thongsomboon Club
"Cowboy"-and-"American-Indian" style resort with outdoor & indoor adventure activities. Located in Nakorn Ratchasima

On 8 October 2015, this program 'SME Champions of Resilience' was launched by the iPrepareBusiness Facility together with OSMEP, DDPM, SME Bank and Isuzu Motors (Thailand) to provide direct technical support to these nine Thai SMEs. **The outputs of the projects will be business continuity plans aligned to standards as well as BCP exercises developed and engaged in by each SME.**

All these SMES had either direct or direct experience on the impacts of natural disasters. Based on experience, the average cost of damage incurred by the selected SMEs from disasters was THB 20 million, whereas the average disruption period was 52 days.



"Resilient SMEs Champion" kick-off on 8 October 2015 at Grand Eastin Sathorn Hotel, Bangkok.



Photos of in-house BCP workshops for SMEs

The program provides four in-house workshops for each SME. The workshops will be facilitated and led by Dr. Apassanun Silapapiphat, iPrepare Business BCP specialist, and national partners. The first in-house workshop is to support SMEs to define the scope of the enterprise's business continuity plan and identify the company's BCP team. The second workshop is to perform business impact analysis and risk assessment. The third workshop is to define mitigation, preparedness, and response plans including business resumption strategies. The fourth workshop is to do

BCP exercises and plan review. All the batches of the initial BCP workshops were successfully conducted. As of December 2015, three out of nine SMEs had already attended one of the aforementioned BCP workshops. The project will end in late April 2016.

Activities and outputs of the project will be lessons learned and best practices of resilient investment and engagement of private sector in disaster risk reduction. The project also illustrates public-private partnership for enhancing SME's disaster resilience.

2.3 Enabling environment for strengthening disaster resilience of SMEs

Consultative meeting with stakeholders

iPrepareBusiness has collaborated with key stakeholders from Indonesia, the Philippines, Vietnam, and Thailand to enable environment for business resilience.

The first national consultative meeting in each target country was held to discuss the Project Implementation Plan (PIP):

- Bangkok, Thailand – 10 April 2015
- Manila, Philippines – 21 April 2015
- Hanoi, Vietnam – 25 May 2015
- Jakarta, Indonesia – 27 May 2015

More than 110 stakeholders participated in the consultative meetings in the four countries organized by ADPC and its partner government agencies.

In addition, from September 14 to 18 the iPrepareBusiness Team composed of Dr. Glenn Fernandez and Ms. Chanidabha Yuktadatta visited Hanoi to discuss the status of the iPrepareBusiness project, "Strengthening Disaster Resilience of Small and Medium Enterprises in Asia" in Vietnam and to interview various stakeholders regarding their roles, past and current activities, and plans related to SME disaster resilience. The team had a fruitful discussion with The Assistance Center for SMEs - North Vietnam (TAC-Hanoi), Academy for Policy Development, and the Agency for Enterprise Development of the Ministry of Planning and Investment;

Disaster Management Center; The Asia Foundation; Oxfam Vietnam; and the Vietnam Chamber of Commerce and Industry. These organizations were invited to actively take part as members of the Consultative Working Group led by TAC-Hanoi. Vietnam will be hosting the APEC meetings in 2017. The activities and outputs of the current project will feed into preparations for the meetings.

Moreover, from 8 to 10 November the iPrepareBusiness Team composed of Mr. Aslam Perwaiz and Ms. Mio Kato visited Jakarta to discuss the status of the regional project in Indonesia with various stakeholders. While briefing on the progress of the project, the iPrepareBusiness Team discussed the modality of understanding action identified to strengthen SME resilience in Indonesia with a national counterpart, the Ministry of Cooperatives and SMEs, and the SME Center, University of Indonesia.



Meeting stakeholders in Jakarta, Indonesia on 8-10 November 2015

Furthermore, the team had a useful discussion with Oxfam Indonesia, an organization conducting surveys on the disaster recovery of communities including the private sector using mobile technology and working on private sector resilience.

Interview with stakeholders for policy reviews and analytical studies



Consultative meetings in Thailand for an analytical study

Aside from national consultative meetings, the iPrepareBusiness Team arranged interviews with relevant agencies in each target country to identify priority actions that can help strengthen the enabling environment in promoting SME disaster resilience. These interviews were led by Dr. Mary Picard, the international consultant of the project. The outputs of the consultations are analytical studies for four countries. As of now, the iPrepareBusiness Team already organized the interviews in Thailand (19 – 28 August 2015) and the Philippines (1-6 September 2015). The team had a productive discussion with representatives of relevant agencies. The consultative meetings in Vietnam and Indonesia will be held in January 2016.

2.4 Knowledge sharing

The iPrepareBusiness Facility is producing knowledge products on business resilience.

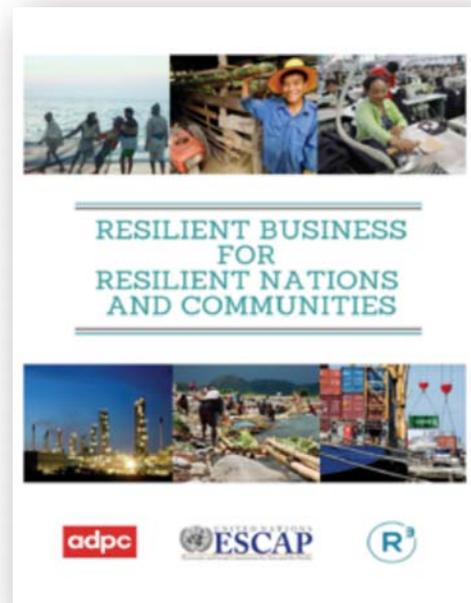
Two articles submitted by the iPrepareBusiness Team made it to the fourth edition of the Business Continuity Management (BCM) Booklet of the Singapore Business Federation (SBF).

SBF is the apex business chamber championing the interests of the Singapore business community in the areas of trade, investment, and industrial relations. SBF represents 21,500 companies, as well as key local and foreign business chambers

As the BCM Focal Point in Singapore, SBF promotes companies' appreciation of and capabilities in enterprise resilience (ER) through events, training, and literature.

SBF's BCM Booklet showcases Singapore's latest and most effective business continuity strategies, industry benchmarking, research, case studies, and best practices. Experts and ER-certified companies were invited to share their views and case studies.

iPrepareBusiness contributed articles on the ADB and GIZ-funded regional SME resilience project as well as Isuzu Motor's initiative toward supply chain resilience through the promotion of BCM to their tier-one suppliers, who in turn are expected to motivate tier-two suppliers to adopt BCM.



Aside from articles, iPrepareBusiness has prepared to organize national forums in the target countries and a regional forum to be held in Bangkok, Thailand. The theme of the regional forum will be “Business Forum on Risk Reduction and Resilience Building”. More than 100 participants including high-ranking government officials, private sector representatives including SMEs, and development partners from all over Asia are expected to attend. Unfortunately, the regional workshop scheduled for 4-5 February 2016 at Centara Grand Hotel, Bangkok, Thailand has been postponed due to unavailability of the chief guest. However, all national and regional forums are expected to be held within the second quarter of 2016.

3. Business Continuity Management for micro, small, and medium enterprises (MSMEs)

Eastern Samar was the first province in the Philippines where Super Typhoon Haiyan made landfall in November 2013. Two years after the disaster, reconstruction and rebuilding efforts are still ongoing. Among the sectors that are included in long-term development programs are the micro, small, and medium enterprises (MSMEs).

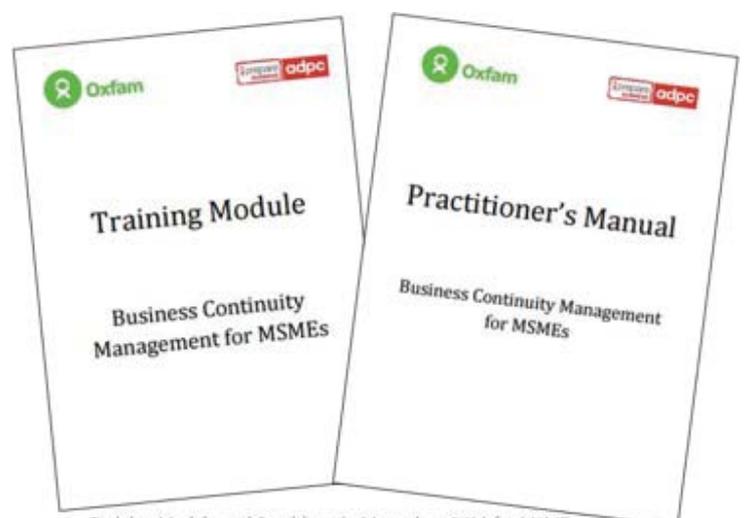
One of the identified interventions for this sector is to increase their resilience against future and “creeping” disasters through the

introduction of Business Continuity Management. By increasing the resilience of MSMEs, it is expected that this would help decrease the vulnerability of market systems and help reduce the impact of disasters on communities.



Oxfam staff, local government officials and entrepreneurs in BCM training

To provide assistance in the promotion of and capacity-building for Business Continuity Management, Oxfam, an international NGO that is very active in Eastern Samar, engaged the consultancy services of the iPrepareBusiness Facility. iPrepareBusiness developed a simplified training module and trained 50 Oxfam staffs, local government officials, entrepreneurs, and business association representatives.



Training Module and Practitioner's Manual on BCM for MSMEs developed by iPrepare Business Facility of ADPC

disaster and increase the number of enterprises that could recover quickly. The project used different strategies, including, capacity-building and technical assistance for SMEs on developing their business continuity plan (BCP) and Area BCP; organizational development through the creation of an implementing committee for Area BCP; and policy development through drafting indicators of SME resilience based on lessons learned from the project.

At the end of the two-day training, 16

Business Continuity Plans (BCPs) were initially drafted for enterprises engaged in ornamental handicrafts (wood beads); livestock production (hog-raising); food processing (squash ketchup; Philippine lemon juice); aquaculture (seaweed farming); providing credit (cooperatives); running a radio station; welding and metal fabrication; retailing; rice milling; coconut farming, etc.

Before engaging with Oxfam in the Philippines, the iPrepareBusiness Team of ADPC attended the "Learning Workshop on Building Model of Private Sector Resilience" hosted by Oxfam Indonesia. The event was held at Aryaduta Hotel in Jakarta on 29-30 June 2015.

The purpose of workshop was to share and learn from different models of private sector resilience projects and their achievements, the challenges they faced, and lessons learned from project implementation. Dr. Glenn Fernandez shared details about the iPrepareBusiness Facility and presented ADPC's experience in promoting business continuity management (BCM) among SMEs.

Oxfam Indonesia, in collaboration with the National Disaster Management Agency (BNPB) and local partners, implemented a pilot project on building a policy framework and model of private sector resilience. The six-month project aimed to help reduce the number of collapsed SMEs following a

4. Area Business Continuity Management (Area BCM)



Official meeting to introduce Area BCM with Pathum Thani Province, NESDB, JICA, and ADPC on 16 November 2016

In the case of large-scale natural disasters, individual enterprises struggle to continue their business mainly due to the malfunctioning of basic infrastructure for transportation and distribution, termination of basic utilities such as power electricity, water and communication, and disrupted supply chain surrounding their business base.

Given this background, the concept of “Area Business Continuity Management (Area BCM)” is introduced as a collective effort for business continuity to minimize economic losses/impacts from disaster, and formulate an Area Business Continuity Plan (Area BCP).

In collaboration with the Japan International Cooperation Agency (JICA), the National Economic and Social Development Board (NESDB) decided to adopt Area BCM and Area BCP approaches by implementing a pilot project in Bangkadi Industrial Park, Pathum Thani province. The pilot project is

implemented to support NESDB efforts to establish national BCP against natural disasters. The Asian Disaster Preparedness Center (ADPC) is the implementing agency that will facilitate the project including carrying out project activities in close consultation with JICA and NESDB. The project duration is 10 months, from October 2015 to July 2016.

The iPrepareBusiness Facility had a series of consultative meetings with the JICA, NESDB, and other stakeholders including BIP authority, Pathum Thani Governor's Office and Bangkadi Municipality to introduce the scope of the project and to discuss various project arrangements.

On 16 November 2015, Dr. Bhichit Rattakul, on behalf of ADPC, met Pathum Thani Governor Mr. Surachai Kan-arsa and NESDB Deputy Secretary General Ms. Ladawan Khampa at Pathum Thani City Hall to officially introduce Area BCM pilot project including facilitating Pathum Thani province to establish the Area BCM working group.

The kick-off meeting and the first Area BCM workshop are expected to be held in January 2016. At the same time, the Thai



Consultative meeting with Pathum Thani Governor's Office, Bangkadi Industrial Park, and Bangkadi Municipality

version of the Area BCM guideline is anticipated to be disseminated to

5. Other disaster-resilience activities

In addition to iPrepareBusiness main projects, various activities had been done on awareness raising and capacity building for disaster resilience:

5.1 iPrepare Business Promotional Video

In order to explain the project in a simple manner and using memorable images of the impacts of disasters to businesses and with excerpts of interviews with experts, a five-minute promotional video was commissioned. This video has been shown in most events organized or participated in by the iPrepareBusiness Team.

The video is available on YouTube at:

English version:
<https://www.youtube.com/watch?v=AM6i57SzN4s>



stakeholders and relevant agencies.



BCP trainers. With the permission of APEC Secretariat, the iPrepareBusiness Team of ADPC took the responsibility to translate and reproduce the guidebook into Thai version.

Besides the original and Thai languages, the guidebooks were also printed in Chinese, Spanish, Japanese, Indonesian and Vietnamese.

Thai version:

<https://www.youtube.com/watch?v=ghrwgQzgPkE>

5.2 APEC Policy Dialogue for SME BCP Forum and Workshop

On 30 January 2015, Mr. Aslam Perwaiz, iPrepareBusiness Team Leader and Department Head of DRMS, participated in the APEC Policy Dialogue for SME BCP Forum and Workshop in Clark, Philippines, on behalf of ADPC.

Over 100 delegates from APEC member economies, SMEs, and international organizations attended to engage in BCP promotion.

In addition, Mr. Perwaiz contributed insightful perspectives on how to promote resilience in business communities including engaging more SMEs.

During the workshop, the APEC SCMC Guidebook on Promoting SME Business Continuity Plans was disseminated to train





5.3 Side Events at the Third UN Conference on Disaster Risk Reduction, Sendai, Japan

The iPrepareBusiness Facility participated in the 3rd UN World Conference on Disaster Risk Reduction in Sendai and contributed to the finalization of the Sendai Framework for Disaster Risk Reduction.

5.4 In collaboration with DFAT hosting seminar on incentives for business continuity planning

Natural disasters are causing enormous socio-economic losses in the Asia-Pacific

region and SMEs are bearing the brunt of these losses. In 2011 APEC Leaders called for action to boost the disaster resilience of SMEs. Since then, some APEC economies have taken steps to encourage their SMEs to undertake disaster risk reduction activities, including Business Continuity Management.

In collaboration with the Australian Department of Foreign Affairs and Trade (DFAT), iPrepareBusiness of ADPC hosted a successful seminar on incentives for business continuity planning (BCP) attended by more than 70 government officials from APEC economies on 10 June 2015.

The key objectives of the seminar were: (1) to promote the value of utilizing BCP as a tool to help SMEs protect their businesses from the impact of natural disasters; (2) to review recent developments and advances made in improving BCP practices and adoption processes; and (3) to discuss the role of governments and relevant public sector agencies in promoting the use of BCP.

This seminar also provided an opportunity for open dialogue between public and private sectors on whether governments should make it compulsory for SMEs to adopt BCP in order to mitigate the impact of natural disasters. The participants agreed that governments should not make BCP compulsory for SMEs, but should instead provide financial incentives to promote the adoption of BCP among small and medium businesses.



Affect Your Business and How to Build an Efficient Business Continuity Plan” on 9 June 2015 at The St. Regis hotel Bangkok.

The iPrepareBusiness Team composed of Mr. Aslam Perwaiz and Ms. Chanidabha Yuktadatta engaged in the event and provided insightful information about how natural hazards could affect a business and

5.5 Breakfast Talk

The Thai-Italian Chamber of Commerce, in collaboration with the Netherlands-Thai and Franco-Thai Chambers of Commerce, with the support of the UN Office for Disaster Risk Reduction (UNISDR), UNESCAP and Asian Disaster Preparedness Center (ADPC), organized a breakfast talk under the topic “Private Sector Benefits’ from Engaging in Disaster Risk Reduction and Management (DRRM): How Natural Hazards



how to prevent them from affecting the employees, assets and investments,

including presenting real business cases where companies implemented disaster risk reduction measures by focusing on business continuity planning (BCP). The same concept can be also used to assess long term risks, reduce vulnerability and maintain businesses' performances, competitiveness and sustainability.

private partnership in building disaster resilience.

The iPrepareBusiness Team, Ms. Chanidabha Yuktadatta and Dr. Apassanun Silapapiphat, engaged in the training workshop acting as guest speakers and BCP mentors. Ms. Yuktadatta presented Thailand's BCP status on behalf of the

Thailand Office of Small and Medium Enterprise Promotions (OSMEP) including sharing the best practices to promote BCP for SMEs. Dr. Silapapiphat was a group BCP mentor for the two-day BCP train-the-trainer workshop. The training workshop equipped participants' capacity to disseminate BCP knowledge on enterprises especially



APEC Summit and Training Workshop on Promoting SME Business Continuity Planning, Taipei, 27-28 July 2015

5.6 Participation in APEC SME Events

On 27-28 July 2015, the APEC SME Working Group (SMEWG) and Emergency Preparedness Working Group (EPWG) in collaboration with the Small and Medium Enterprise Administration (SMEA) of Chinese Taipei organized the APEC Summit and Training Workshop on Promoting SME Business Continuity Planning (BCP) in Taipei. The workshop aimed to promote BCP for SMEs and to encourage public-

SMEs. Participants were from APEC member economies including Chinese Taipei, Indonesia, Mexico, the Philippines, Thailand,



and Vietnam.

On 22 September 2015, ADPC, with the Department of Trade and Industry (the Philippines) and the SME Administration, Ministry of Economic Affairs (Chinese Taipei), co-organized the well-attended workshop on Business Continuity Planning for APEC SME at the APEC SME Working Group Meeting in Iloilo, Philippines. Dr. Glenn Fernandez, iPrepareBusiness Researcher, gave two presentations: one on the value of BCP for SMEs and another on incentivizing BCP.

5.7 Engagement with Toyota Cooperation Club in Risk and BCM Management



ADPC's disaster management activities were presented at a management Event on 9 November 2015, Bangkok

In September 2015, members of the Toyota Co-Operation Club (TCC) in Thailand visited the iPrepareBusiness Facility of ADPC to discuss potential collaboration to promote the implementation of business continuity among Toyota's suppliers for the year of 2016. Initially, the iPrepareBusiness Team was invited to attend in "The TCC Risk Management Activity 2015 Final meeting"

on 9 November 2015 at TOYOTA Boshoku ASIA Co., Ltd (TBAS), Bangkok. The meeting demonstrated TCC members' risk management performance and best practices of Toyota's suppliers engaging in activities of disaster risk reduction. The iPrepareBusiness Team was well engaged in presenting ADPC's disaster risk management activities in communities and the private sector to over 100 participants including Toyota high-ranking executives and delegates of Toyota tier-one Suppliers. With impressive feedback from Toyota suppliers, the iPrepareBusiness Facility will provide training-of-trainers (ToT) workshop on BCP for TCC members in March 2016.

5.8 Participation in the annual meeting on the 12th National Economic and Social Development Plan by the NESDB

On 14 September 2015, the iPrepareBusiness Team of ADPC was invited by Thailand's National Economic and Social Development Board (NESDB) to attend the annual meeting towards the



Participation in Annual Meeting toward 12th NESDB plan

12th National Economic and Social Development Plan. The meeting was attended by the Prime Minister of Thailand and other relevant ministers. Dr. Apassanun Silapiphat, iPrepareBusiness BCP Specialist, also provided inputs to the section on sustainable development. Dr. Silapiphat emphasized the importance of DRR actions, such as BCP, by SMEs which are the key drivers of the Thai economy.

5.9 iPrepareBusiness Team Acquires Training on ISO 22301 and ISO 31000 Standards

Three members of the iPrepareBusiness Team, Dr. Glenn Fernandez, Dr. Apassanun Silapiphat, and Ms. Mio Kato, were in Kuala Lumpur, Malaysia on October 18-21,



2015 to attend a training on ISO 22301 (Business Continuity Management) and ISO 31000 (Risk Management).

The training was provided by Ms. Rinske Geerlings, Managing Director and Principal Trainer of Business As Usual (BAU). BAU has extensive experience in developing and testing Business Continuity Plans and in

training staff and managers across a range of industries globally. Ms. Geerlings has MBCI (Member of the Business Continuity Institute) accreditation and Certified Business Continuity Planner accreditation from the Disaster Recovery Institute International. Also attending the training were five risk managers from the largest Malaysian electric utility company, a leading telecommunication infrastructure provider, and a consulting company.

The iPrepareBusiness Team will use the knowledge and skills learned from the ISO training to produce training modules, practitioners' manual, and presentations on Business Continuity Management. The ISO training will contribute to the implementation of current iPrepareBusiness

projects, such as the regional "Strengthening SME Resilience" project funded by GIZ and ADB, the Area BCM project funded by JICA, and the BCM for MSMEs project funded by Oxfam, as well as future projects.

5.10 iPrepareBusiness Attends Workshop on Strengthening Disaster Preparedness & Response

Business Sweden (the Swedish Trade and Investment Council) and the Embassy of Sweden in Thailand organized a one-day workshop on December 1, 2015 at the Okura Prestige Hotel in Bangkok with the theme “Working with Business to Strengthen Disaster Preparedness and Response.” Dr. Peeranan Towashiraporn and Dr. Glenn Fernandez represented ADPC and iPrepareBusiness in the workshop.



In the panel discussion on strategic approaches to private sector engagement in the Asia-Pacific region, Dr. Peeranan stressed the important role of businesses in



helping not just themselves but also their community. During disasters, businesses can often reach communities quicker than government agencies. For example, convenience stores can be utilized as coordination centers during disasters to facilitate the dissemination of information and distribution of relief goods.

Seven Swedish companies working in search and rescue; shelter solutions; and water, sanitation, and hygiene (WASH) and healthcare also participated in the workshop and showcased their innovative products, which included temperature-controlled packaging system for the transportation of pharmaceutical products, remotely piloted aircraft systems (RPAS) for search and rescue missions, solar-powered water purification kit, anemia-testing kit, flood-protection products, multi-purpose eye-looped ropes, and light-weight steel. One of the companies, HemoCue, emphasized that to make working with businesses in disaster preparedness and response more effective what is needed are partnerships and collaborations, rather than just a buyer-supplier relationship.

AUGUST 2015

Climate Resilience and the Role of the Private Sector in Thailand

Case Studies on Building Resilience and Adaptive Capacity



Case Study 4 – Asian Disaster Preparedness Center (Knowledge Assets)

Introduction to ADPC

ADPC is an independent, non-profit foundation based in Bangkok, Thailand that works in more than 18 countries in Asia to advance a Disaster Risk Reduction (DRR) agenda through the capacity-building of stakeholder groups at local, national, and regional level across the Asia-Pacific. Its portfolio focuses on disaster risk management (DRM) capacity-building, mainstreaming DRM into national and local development, public health in emergencies, improving DRM systems and undertaking disaster risk assessments. ADPC works closely with local, national, and regional governments, governmental and non-governmental organizations, donors, and development partners.

In its Strategy 2020 road map, ADPC identified climate change as one of the main challenges confronting the Asia-Pacific region. As a result, ADPC helps governments and communities build their capacity to effectively respond to current risks and seasonal variations, and to adapt to the changing climate and the new risks it may bring. ADPC's three main lines of work are raising national and local capacities for modeling weather and climate, supporting climate risk management and climate adaptation, and promoting end-to-end early-warning systems.

Resilience Wedge: Knowledge Assets

In an earlier section of this report, we note that providing access to knowledge to help inform how different groups respond to and recover from climate change is a key asset influencing that group's adaptive capacity. Since 2007, ADPC has observed a number of barriers to private-sector action in Thailand on DRR, which mostly stem from a lack of knowledge or governance structures needed to build their resilience to climate change. These include:

- **Low awareness of and information about the risk of damage:** Very few SMEs (which make up 99 percent of enterprises in Thailand²⁹) have business-continuity plans in place, demonstrating limited understanding of the economic and social impacts disasters can have on their business.
- **Little knowledge on climate and disaster resilience and the options for adaptation:** for example, about the different measures a company can take to make business operations more resilient.
- **Lack of institutional mechanisms such as a pre-agreed arrangement between a governing body or a particular government agency that promotes SME resilience to disasters.**
- **Limited financial resources to implement technical preventive and nontechnical adaptive measures.**
- **Lack of advisory and support services and incentives from the government.**
- **Lack of regulations that promote BCP or incentives for companies to implement BCP.**

²⁹ OECD iLibrary, 2012.

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Resilient businesses are crucial parts of safer communities and societies. The long-term economic efficiency of investment in disaster risk reduction has become very evident in recent years

— Asiam Perwaiz, Department Head – ADPC

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Action Taken

In response to these challenges, ADPC developed its iPrepare Business facility, an initiative to help overcome the information gap facing businesses and create awareness of how the private sector can invest in resilience-building. iPrepare Business' main goal is to increase the disaster resilience of SMEs across Asia by implementing different projects and programs and increase private-sector engagement in disaster risk management activities. ADPC seeks to train at least 500 SMEs in the target countries of Indonesia, Philippines, Thailand, and Vietnam on DRR preparedness during 2015 and 2016.

ADPC's iPrepare Business facility intends to build climate resilient companies by:

- providing information to aid corporate decision-making on DRR, such as scientific information and data along with relevant government policies that support DRR activities
- building companies' capacity to use data to develop their own business continuity plans
- holding multi-stakeholder consultations, for example to bring together relevant government agencies, SME associations, banks and insurance companies, and NGOs to identify opportunities for collaboration
- holding forums and events that share learning from Thailand private-sector disaster-resilience initiatives and drawing lessons from global best practices on legislation, incentives, and awareness-raising efforts and
- creating an enabling environment for business continuity and risk-informed investment for the private sector through appropriate legislation, incentive, and awareness and capacity-building.

Since May 2015, ADPC has also been supporting the Office of Small Medium-Sized Enterprise Promotion (OSMEP) at the Prime Minister's Office as well as the Department of Disaster Mitigation and Preparedness (DDPM) of the government of Thailand to improve the disaster resilience of SMEs in Thailand. The service includes direct technical support on disaster risk management, risk assessment for business resilience, business continuity management, and implementation of business continuity plans.