

Building Disaster and Climate Resilient Cities in ASEAN (CN18)

Project Brief for 3th-4th WS for Urban Resilience

March 3, 2017

JICA Project Team

1. Background

- ◆ Due to their climatic environment and geological property, disaster risk in ASEAN area is high and it brings number of disasters to ASEAN countries.
- ◆ ASEAN Committee on Disaster Management (ACDM) and ASEAN countries have been addressing disaster risk reduction in regional level.
(Selected 21 Project and Formulated Each Concept Note in AADMER Work Programme Phase 2)

2. Objectives

- ◆ Based on Concept Note 18 (CN 18) "Building Disaster and Climate Changes in ASEAN Cities" of ACDM Working Group (WG) on Prevention and Mitigation, this project will develop the implementation framework for CN 18.

Overall, this project aims to increase the resilience of ASEAN cities to disasters through the following;

3. Outputs of the Project

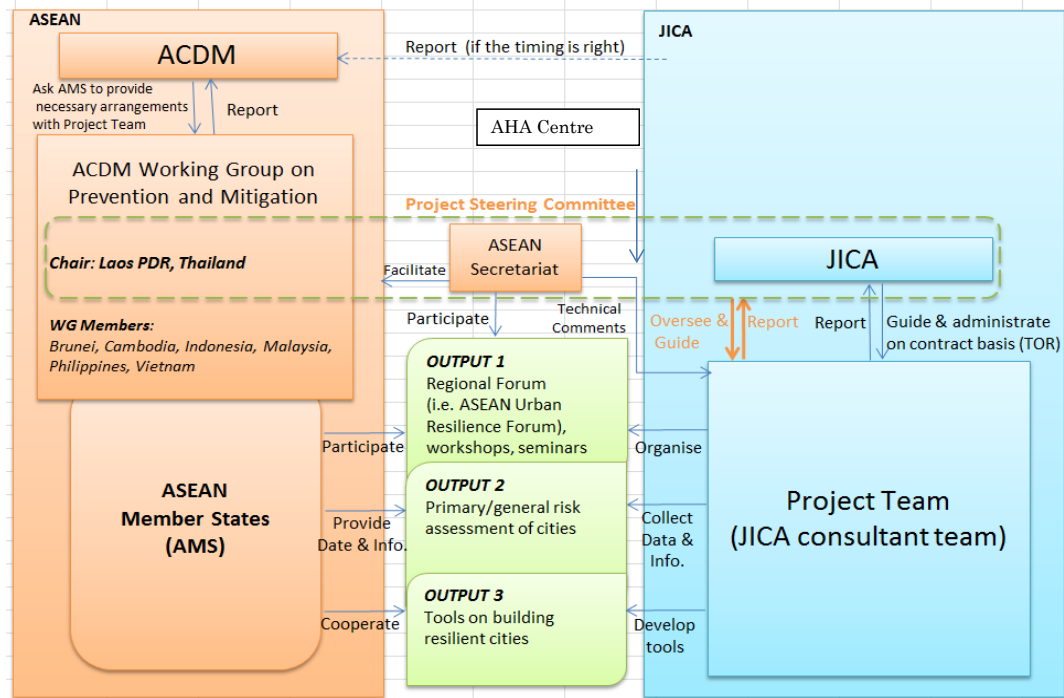
- Output 1: Establishment of a Regional Cross Sector Collaboration Mechanism and Formation of Partnerships to Increase Urban Resilience in ASEAN (Networking)*
- Output 2: Evaluation of Candidate Cities and Partnership and Commitment Building for Demonstration Project on Risk Assessment of Priority Cities in ASEAN Member States (Cities Selection and TOR for Demo. Project)*
- Output 3: Development of Tools on Building Resilient Cities in ASEAN (Development of Tools)*

4. Project Period: November 2015 to June 2017 (18 months)

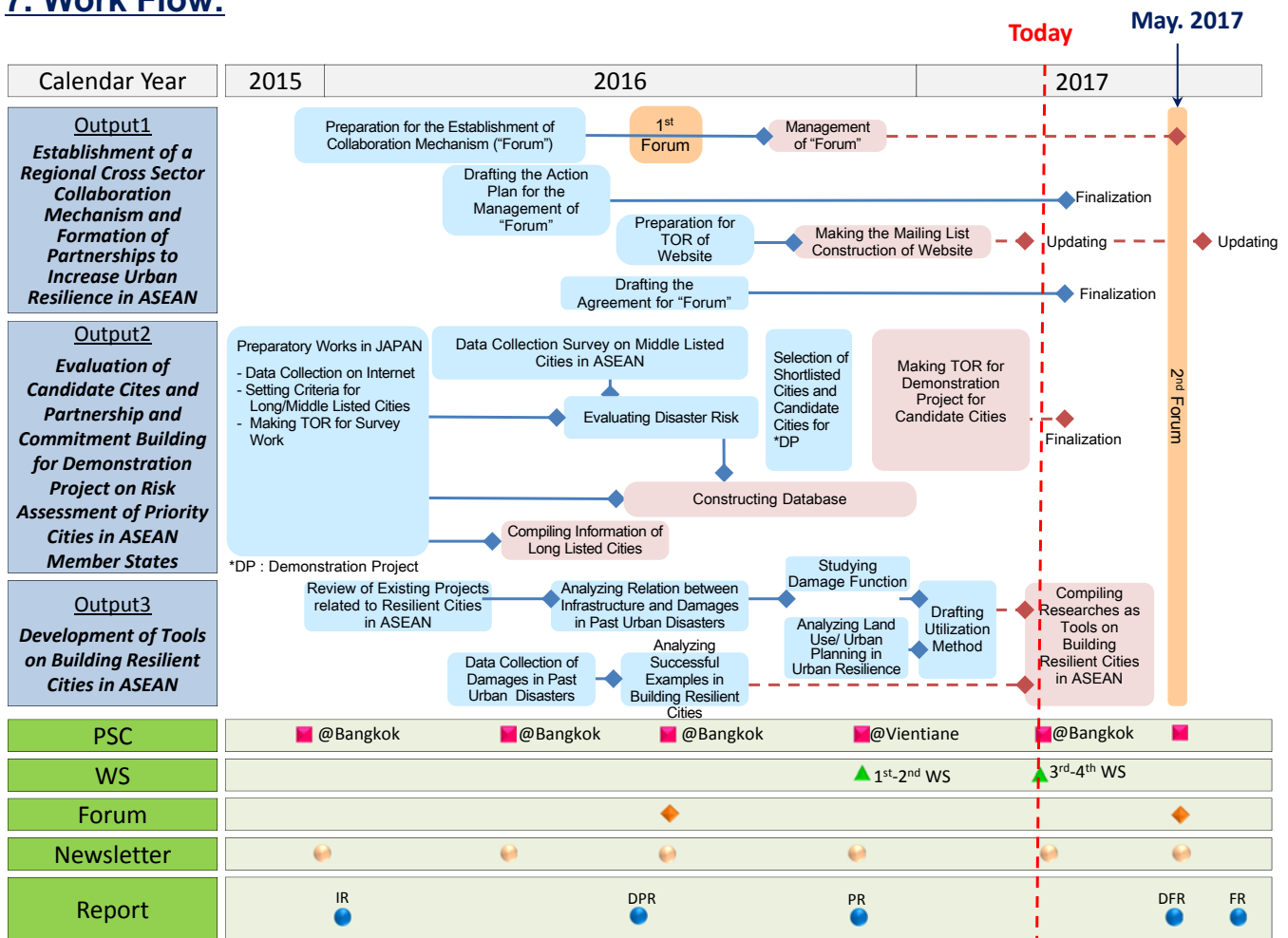
5. Project Area: ASEAN Member States (10 countries)

6. Management Structure:

Project Steering Committee: ACDM Working Group on Prevention and Mitigation Co-Chairs (Lao PDR, Thailand), ASEAN Secretariat, AHA Centre, JICA



7. Work Flow:



Output 1 (Networking)

1. Future ASEAN Urban Resilience Forum

-> Outline has been developed.

2. Development of Website

-> Website is to be developed.

-> Facebook Account was opened. (tentative measure)

3. Events (ASEAN Urban Resilience Forum, Workshops)

-> ASEAN Urban Resilience Forum (July 2016)

-> 1st-2nd Workshops (December 2016)

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Outline of ASEAN Urban Resilience Forum (draft)

Output 1

Objective

- To enhance knowledge exchange, networking, debate and policy development on approaches and strategies in disaster risk reduction and climate change adaptation.
- To establish Multi-sectoral Collaborative Mechanism at regional level among stakeholders.
- To share progress of other CN18 activities among stakeholders.

Outputs

- a. Establishment of an operation and management body for the Forum (the Forum Secretariat)
- b. Annual Seminar (hereafter, the seminar)
- c. Website for 1) knowledge and experience sharing, 2) as a communication tool among the Forum member and with other related organization and campaign and also 3) public relation tools for the Forum activities.

Stakeholders

- ASEAN Member States, ASEAN Cities, NGOs/NPOs/Civil Society Organizations, Business sectors, Academia, which relate to resilient city activities (DRR, CCA and urban development)

When

- The seminar : Once in every year
- Information dissemination : Any time in needs

Organization

- ACDM WG on P&M as management board
- Co-chair of WG, and ASEC as Forum Secretariat
- AHA Centre and International Organizations as supporter

Budget

- AADMER Fund / International fund

Discussion

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Output 1



Facebook Account: ASEA Disaster Resilient Cities

<https://www.facebook.com/JICA.ASEAN.cn18Project>



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Output 1



1st ASEAN Urban Resilience Forum in Bangkok, Thailand (Jul. 2016)



1st and 2nd WS for Urban Resilience in Vientiane, Lao PDR (Dec. 2016)

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Output 2 (Cities Selection and TOR for demo. Project)

1. Cities Selection

- > preliminary disaster risk assessment and discussion with each AMS were conducted
- > 16 short listed cities and 8 candidate cities were selected and agreed.

2. Draft TOR

- > outline has been developed

3. GIS Database

- > GIS Database has been developed
- > Data collected in the process of preliminary disaster risk assessment are contained.

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1. Results of 2nd Preliminary Risk Assessment and Selection of Cities

Country	Short Listed Cities		Candidate City	
	Name	Number of Cities	Name	Number of Cities
Cambodia	Battambang (F)	1	Battambang (F)	1
Indonesia	Bima (E), Semarang (F), Denpasar (T)	3	Denpasar (T)	1
Lao PDR	Luang Prabang (F)	1	Luang Prabang (F)	1
Malaysia	Kuala Terengganu (F) George Town (T)	2	Kuala Terengganu (F)	1
Myanmar	Amarapura (E), (F) Kyimyindaing (T) ,(C)	2	Kyimyindaing (C)	1
Philippines	Butuan (F) Meycauayan (E)	2	Butuan (F)	1
Thailand	Pathumthani (F) Rayong (F)	2	Pathumthani (F)	1
Viet Nam	Qui Nhon(T),(C), Hue(F), Ha Long (T)	3	Qui Nhon (C)	1
	Total	16	Total	8

() shows the main disaster type for the cities. (C): Cyclone, (E): Earthquake, (F): Flood, (T): Tsunami 10

- **Project Title:** Building Disaster and Climate Resilient
Secondary Cities in ASEAN
cf. Prime Cities: National Capital such as Bangkok, Vientiane, Jakarta
- **Project Site:** 8 candidate cities

- Objectives:

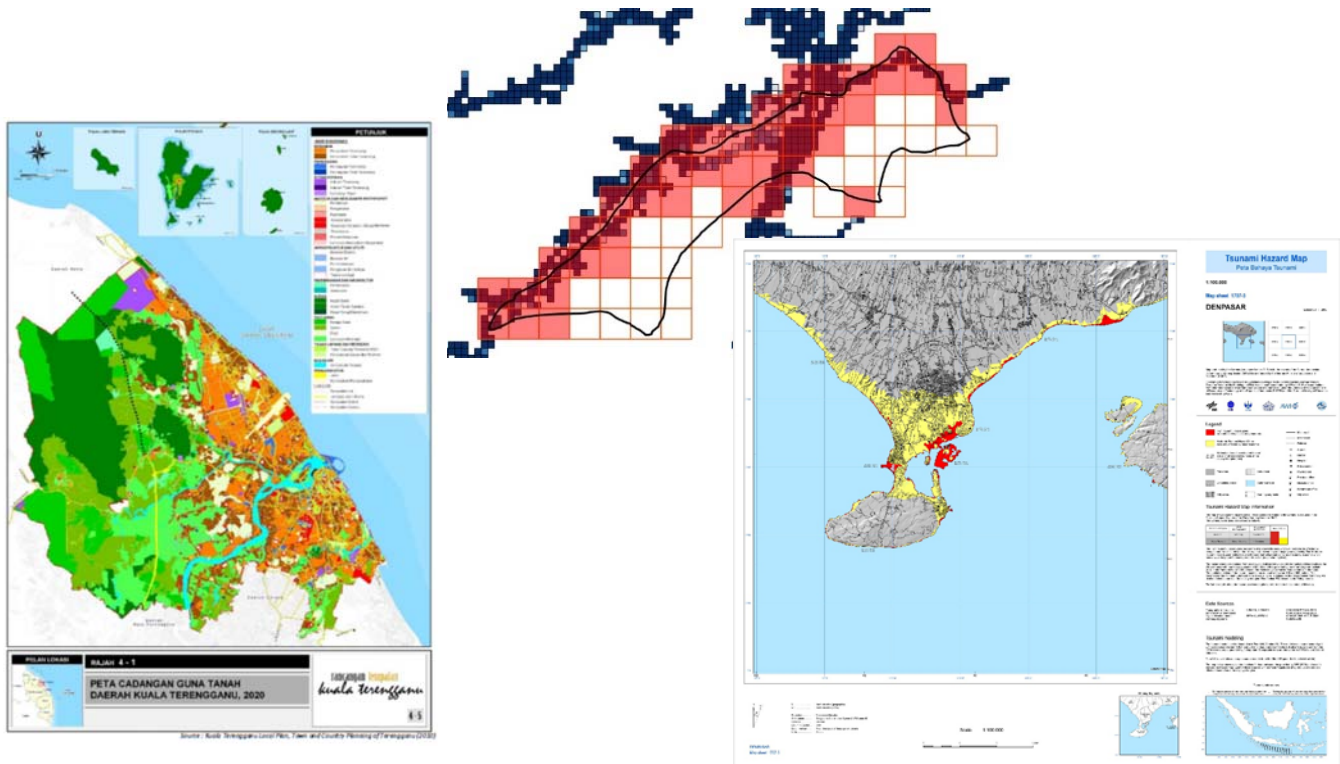
The project is to be implemented as the demonstration project of CN18.

- 1) aims at materializing the priority actions of Sendai Framework for Disaster Risk Reduction (SFDRR).
- 2) aims at contributing to one of seven global targets of SFDRR, “Substantially increase the number of countries with national and local disaster risk reduction strategies by 2020”

- Project Component:

- (1) Establishment of Project Implementation Framework in each AMS and each target city
- (2) Review and Analysis of the Current Situation of each AMS and each target city (capacity assessment by using **checklist formulated in CN18**)
- (3) Improvement of Contingency Plan including update and conducting of disaster risk assessment
- (4) Mainstreaming DRR/CCA into land use and urban development plan
- (5) Capacity Development for concerned officials
- (6) Sharing experiences with other ASEAN Cities (national forum, and **ASEAN Urban Resilience Forum**)

- GIS database consist of two contents; i) data mainly used in preliminary risk assessment and ii) Existing collected data.



Output 3 (Development of Tools)

1. Guidebook

-> *Outline has been developed.*

2. Checklist

-> *2nd draft of checklist has been developed.*

1. Outline of Guidebook (Target Groups and Objectives)

Output 3

Guidebook for Urban Resilience

1) Target Groups

National and local government officials working for i) urban planning, ii) disaster risk reduction

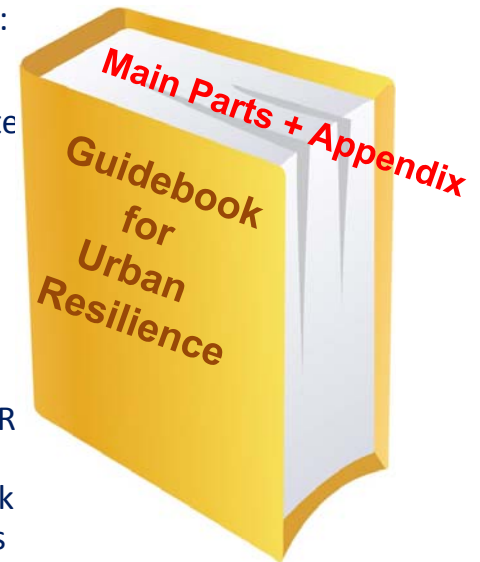
2) Objectives

The Guidebook aims to help practitioners to achieve the followings :

- To understand disaster risk of a city
- To understand how to address issues and weak points for disaster risk reduction
- To mainstream disaster risk reduction in urban planning and development plan
- To learn good practices and lessons learned from other cities

3) Contents

1. Introduction, 2. Definition, 3. Why we need mainstreaming of DRR into Urban Planning?, 4. Who will do what?, 5. Process for Risk-sensitive Land Use and Urban Development Planning, 6. Disaster Risk Assessment, 7. Applicable Tools for Resilient Cities, 8. Good Practices for Resilient Cities



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2. Checklist (a part of Guidebook)

Output 3

Checklists for 1) Disaster Risk Management 2) Resilient Urban Development

Objectives of Checklist

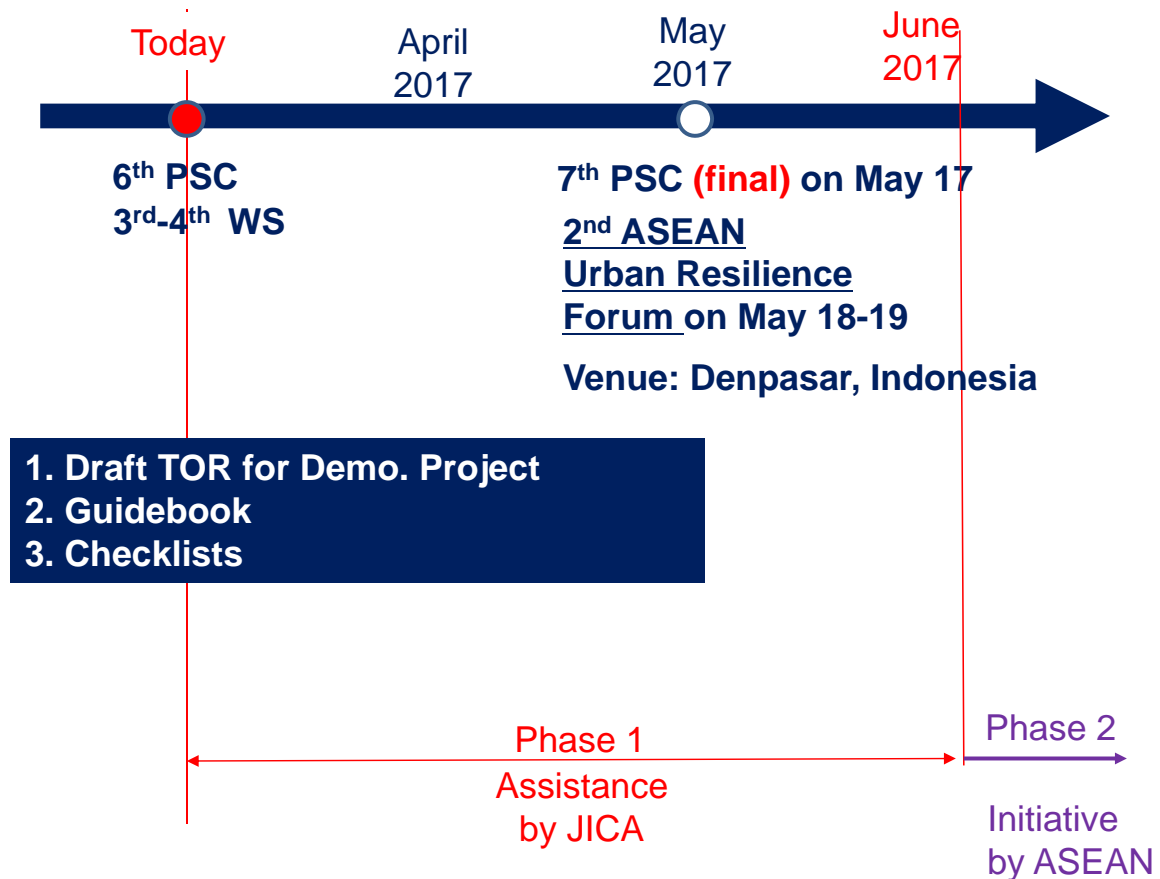
1. To **assess** the capacity and performance of local urban government for activities on DRR by checklist
2. To **utilize** checklist as bench-mark for further activities on DRR

Features of Checklist

1. Consistent with **four priorities of Sendai Framework for Disaster Risk Reduction (2015-2030)**
2. **Compact** with essence (not much, not less)
3. **Quantitative Indicators**

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Way Forward (Short Term)



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Request to Attendants

Keep interest in CN 18

<https://www.facebook.com/JICA.ASEAN.cn18Project>

Welcome your comments

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**Thank you very much
for your attention.**