

3RD High Level Seminar on Environmentally Suitable Cities

JICA's Cooperation for Environmentally Sustainable Cities Development (How can we spread out and scale up our effort of each city?)

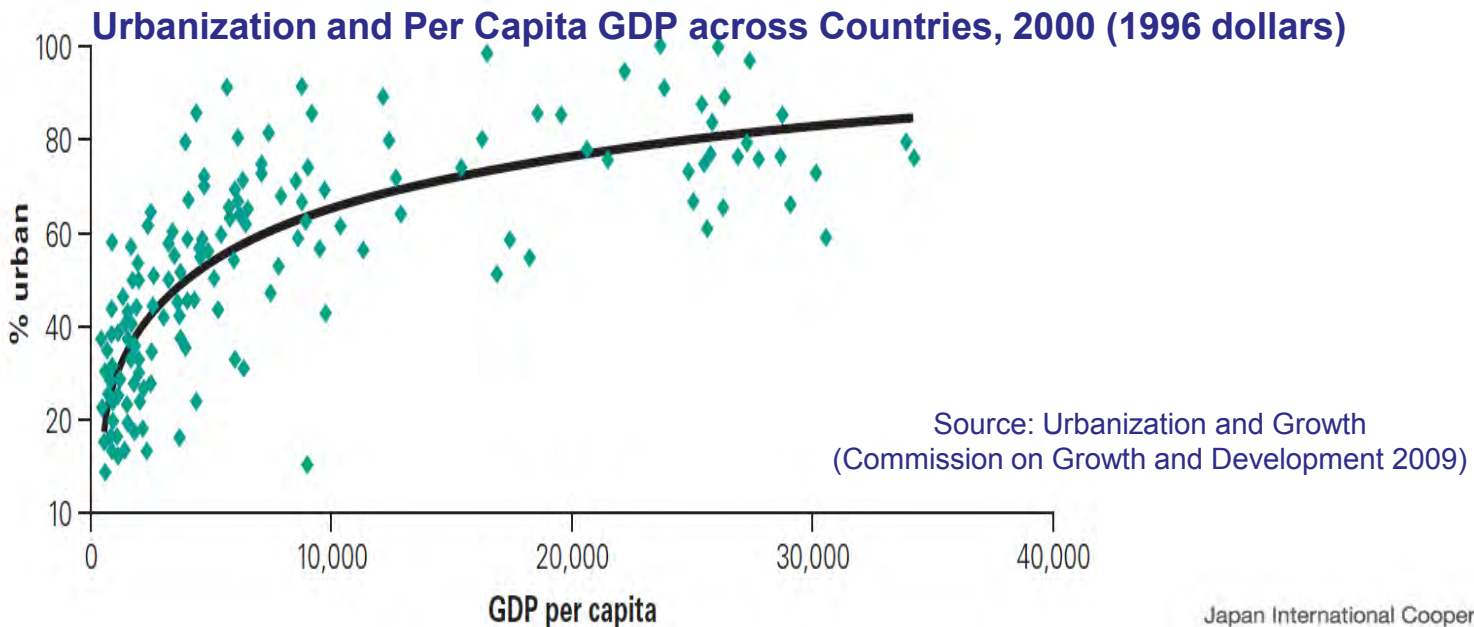
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1. ESCD is an essence of sustainable economic growth

- Industrial and commercial agglomeration and according technological innovation in urban extent is an engine of economic growth.
- Adequate natural resource and environmental management is indispensable for sustainable city development.



2. Mainstreaming the effort made through the ASEAN ESC Model Cities Program and realize ESC with good strategies and plans.

Figuring out current social, economic, natural and meteorological circumstances

Designing possible development scenarios

Sorting out tangible policies and measures to achieve a low-carbon development and efficient use of resources

Analyzing each policy and measure in terms of cost-effectiveness, technology availability, etc.

- Adjusting appropriate national policies and measures
- Introducing innovative low-carbon and resource efficient technologies
- Utilizing other incentive measures

Developing Low-carbon Development Strategy, and Land Use and Infrastructures Development Plan

Capacity Development
Correcting Data and Developing Database

3. JICA's Supports in Low-carbon Urban Development

(1) Thailand “*Capacity Building on Climate Change Adaptation and Mitigation for Implementation in Bangkok*” 2009.6-2012.5

Technical Cooperation Project



●Background:

Bangkok with nearly 10 million populations contributes up to 43 million tons of GHGs in 2007. Bangkok Metropolitan Administration (BMA) set up the Action Plan that aims to reduce their emission by at least 15% in 2012 under business as usual projection.

●Project purpose:

Capacity of BMA to implement it strengthened.

●Project outputs:

1. The organization capacity of BMA to tackle the issue of climate change strengthened.
2. The capacity of BMA staff developed.

●Partner country organization:

Department of Environment, BMA

●Cooperating municipalities:

Yokohama City and others

(2) Malaysia “*Development of Low Carbon Society Scenarios for Asian Regions*” 2011.6-2016.6

Technical Cooperation Project

●Background:

Malaysia faces great problems to keep natural and urban environment and to use and manage natural resources sustainably, since a great part of its people live in urban areas. It is required to improve urban environment and realize low-carbon cities.

●Project purpose:

The method to describe scenarios of low-carbon societies developed and applied, and the results dispatched to the region of Asia.

●Project outputs:

1. The method do describe scenarios of low-carbon societies developed.
2. A scenario of low-carbon societies described in Iskandar region.
3. Co-benefit effects of the policies for low-carbon societies evaluated there.
4. A training system and a network in Univ. Tech. Malaysia developed.

●Partner country organizations: Universiti Teknologi Malaysia, Iskandar Regional Development Authority and others

●Cooperating municipality: Johor State

●Assisting entities in Japan: Kyoto Univ. (representative), Nat. Inst. for Environmental Studies, Okayama Univ.

4. JICA's Supports in Land Use and Infrastructure Development Planning

(1) Vietnam “ *Comprehensive Urban Development Program in Hanoi Capital City*” 2004.10-2007.3

Technical Cooperation Project



●Background:

Hanoi with around 3million population faces rapid deterioration of urban environment and unsatisfactory living condition. Heavy traffic congestion has worsen resource mobilization and distorted business environment.

●Project purpose:

Sustainable living and business environment with effective resource management in consistent with regional development strategies

●Project outputs:

Comprehensive Master Plan covering multi-sectors (1.water and sanitation, 2.urban transportation and 3.environment and living condition)

●Partner country organization:

Hanoi Peoples Committee

2003

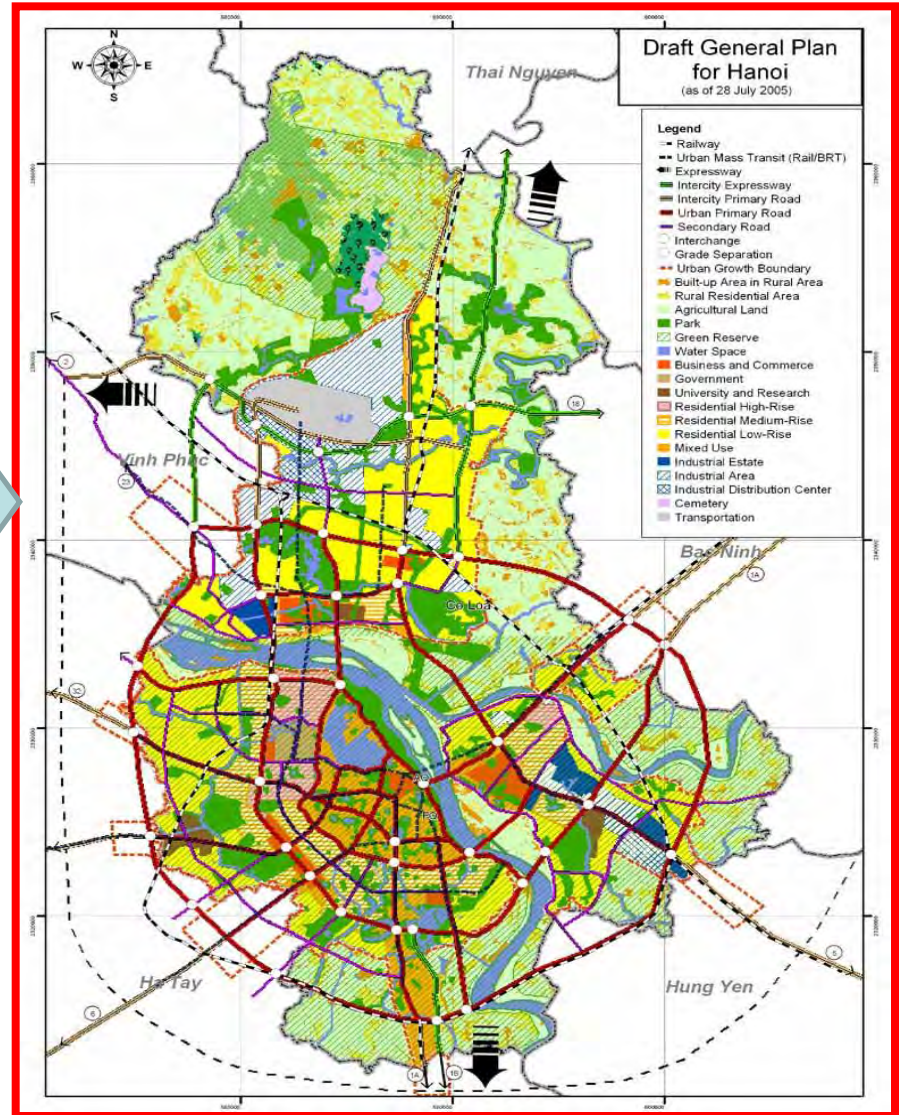
Population: 3mil.



(Source: JICA Study)

2020

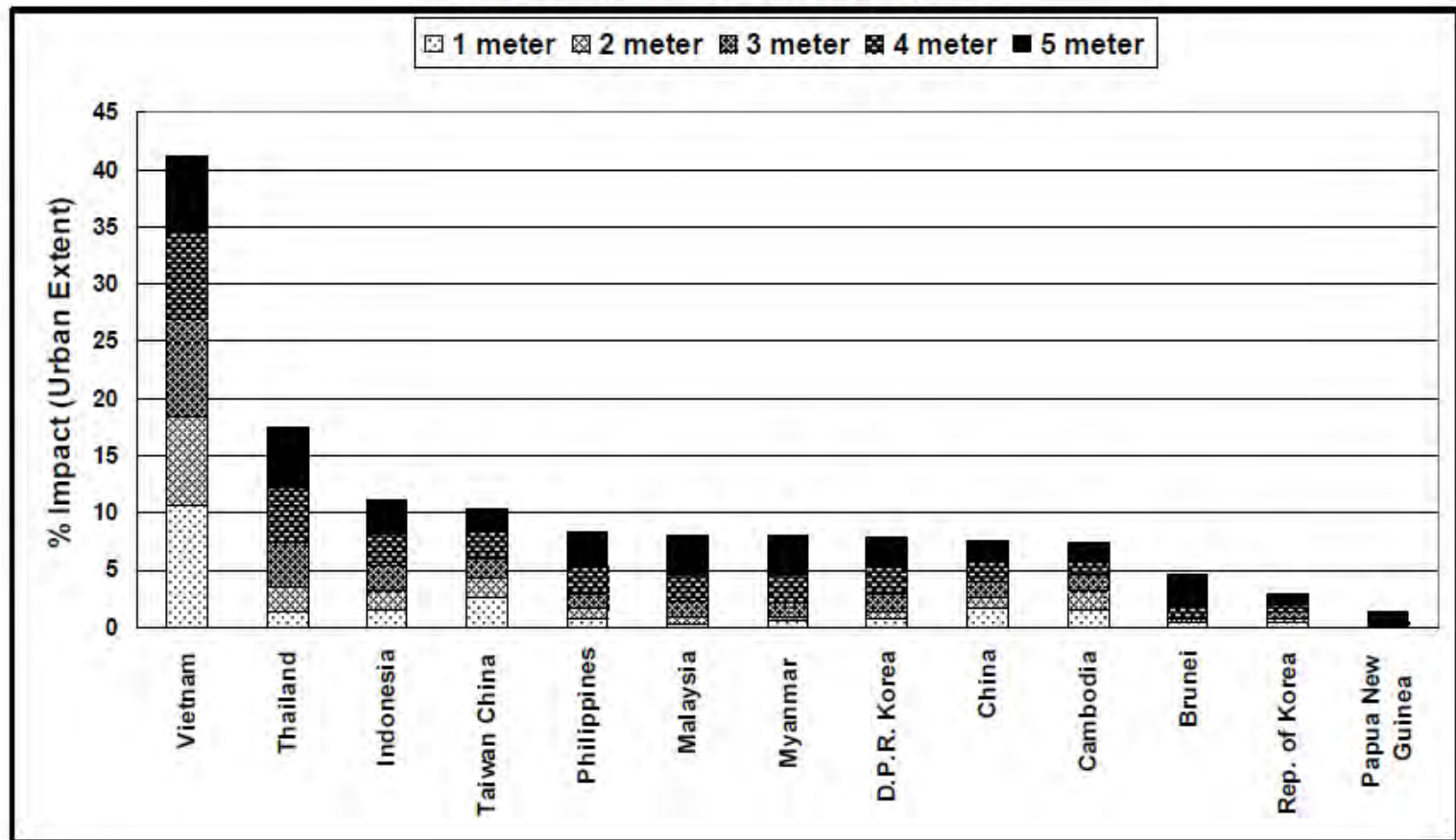
Population: 4.5mil.



5. Asian urban extents are vulnerable to climate change

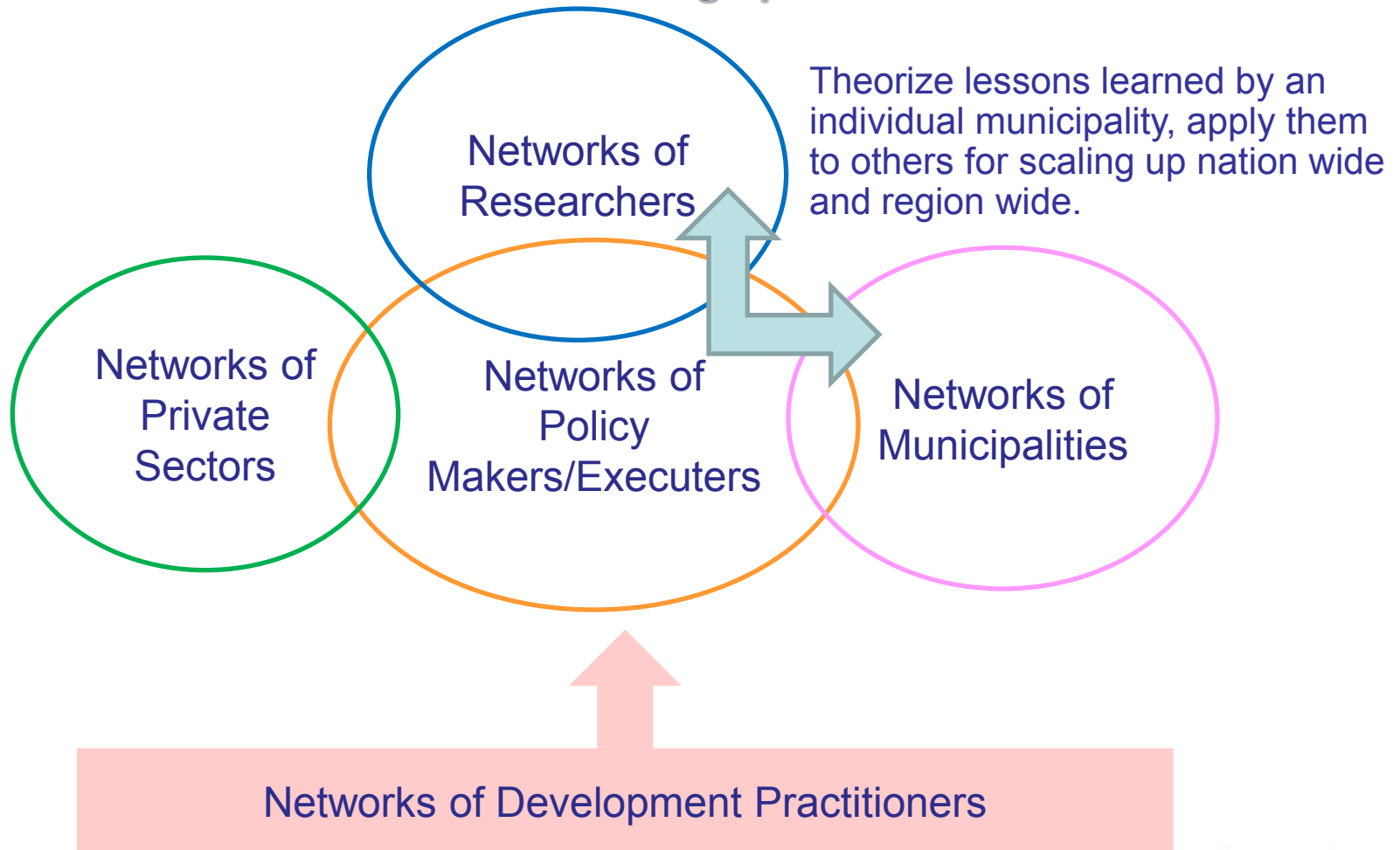
Low carbon strategy need to be resilient at the same time.

Figure 4f
East Asia: Urban extent impacted



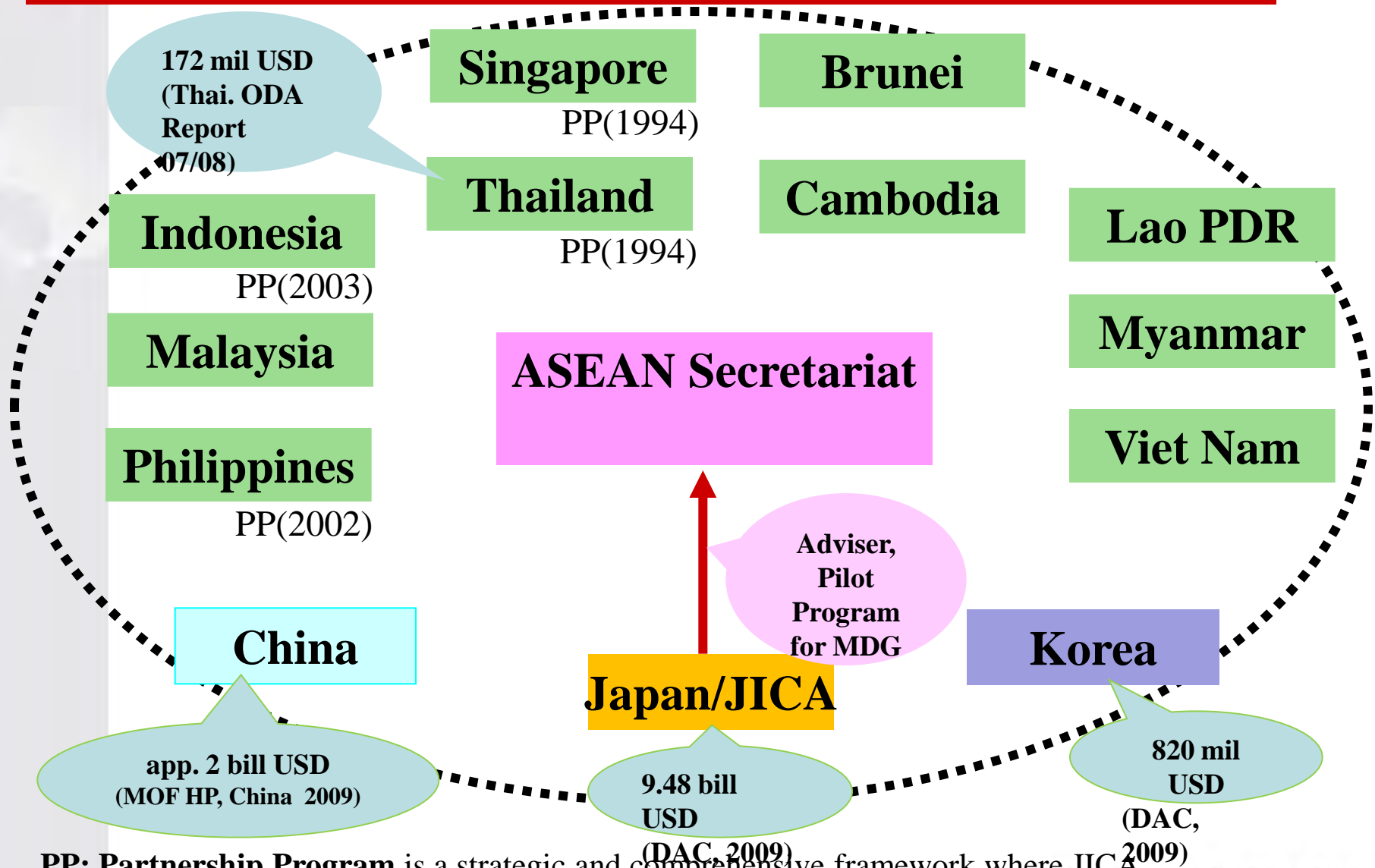
6. Significant Collaboration between Policy Makers, Researchers and Development Practitioners

Networks of Networks for scaling up



7. Global Partnership: promoting regional cooperation

-Working Together with New Regional Players-



PP: Partnership Program is a strategic and comprehensive framework where JICA and Partner country jointly implement technical cooperation.

Thanks for listening!

