City Resilience Program
Financial Solutions for City Resilience Conference: Cohort 2

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BANGKOK CITY: The Capital of Thailand
• Registered Population: approx. 6 million
• Total population: approx. 10 million

NATURE AND THE CITY
▪ Land area: 1,569 sq.km.
▪ Situated on the low flat plain of Chao Phraya River which extends to the Gulf of Thailand.
▪ The elevation is from -0.5 m MSL to +2.5 m MSL
▪ Average max. temperature is 38.8 Celsius
▪ Average min. temperature is 14.7 Celsius
▪ 9,900 ton/day of solid waste generated
▪ 20 million visitors (2017)
Bangkok Challenge

**Shocks & Stresses**

**Acute Shocks**

**Priority Shocks**
- Flood
- Earthquake
- Riot/civil unrest
- Economic crisis
- Traffic accidents
- Fire incidents

**Chronic Stresses**

**Priority stresses**
- Unemployment
- Poverty and inequality
- Traffic congestion
- Low productivity
- Economic downturn

RESILIENT BANGKOK
Dike
Resilience is about surviving and thriving, regardless of the challenge.

Urban resilience is the capacity of individuals, communities, institutions, businesses, and systems within a city to survive, adapt, and grow no matter what kinds of chronic stresses and acute shocks they experience.
The 12 drivers in the City Resilience Framework collectively determine the city’s ability to withstand a wide range of shocks and stresses.
BANGKOK RESILIENCE STRATEGY
SAFE, LIVEABLE & SUSTAINABLE CITY FOR ALL

**Strategic Area**

**#1: INCREASING QUALITY OF LIFE**

- **Goal**: Health and wellbeing for all city residents, now and into the future

**#2: Safe, Accessible and Convenient Transportation Network**

**#3: Environmentally friendly Urbanization**

**#4: Improving the City’s Flood Resilience**

**#5: Increase Public and Community driven action on awareness, preparedness and Adaptation**

**#6: Stronger Institutional Capacity and Regulation**

**#7: Facilitating City and Community-based economy**

**#8: Expanding Tourism, Service Industry and Hospitality**

**#2: REDUCING RISK AND INCREASING ADAPTATION**

- **Goal**: Safe, Accessible and Convenient Transportation Network

- **Goal**: Environmentally friendly Urbanization

- **Goal**: Improving the City’s Flood Resilience

- **Goal**: Increase Public and Community driven action on awareness, preparedness and Adaptation

- **Goal**: Stronger Institutional Capacity and Regulation

**#3: DRIVING A STRONG AND COMPETITIVE ECONOMY**

- **Goal**: Facilitating City and Community-based economy

- **Goal**: Expanding Tourism, Service Industry and Hospitality

1.1 Promoting healthy living and lifestyles
1.2 Epidemic prevention in urban communities
1.3 Preparing for quality aging
2.1 Integrated mass transport system
2.2 Improving traffic flow in the city
2.3 Reducing road related deaths through influencing driver behavior and new technologies
3.1 Green growth: Supporting Environmentally Friendly Growth and Sustainable Waste Management
3.2 Encouraging low carbon transport
3.3 Growing green space
4.1 Catchment management strategy and vision for the Chao Phraya Basin
4.2 Community water resource management programs
4.3 Urban flood defences
5.1 Community based adaptation and disaster preparedness and communication
5.2 Making better use of technology for public communication and disaster preparedness
6.1 Capacity building for disaster risk reduction in BMA
6.2 Resources and infrastructure for better preparedness and response
7.1 Supporting economic resilience in communities and encouraging the preservation of agriculture in the city
7.2 Establishment of a Bangkok center for economic development, trade and finance
8.1 Providing skills development for tourism operators
8.2 Resources and Infrastructure for Better Response and Preparedness
Objectives of PPP

- PPPs allow access to the substantial financial resources of the private sector
- PPPs enable the public sector to benefit from private sector technical expertise, experience and efficiency
- PPPs enable the public sector to transfer project-related risks to the private sector
Regarding to PISU Act defines Public Private Partnership as “Public sector’s investment with the private sector in any form or allowing private sector investment by issuing permit, granting of concession or of any form of right”
Thank You