

City Resilience Program

Financial Solutions for City Resilience Conference: Cohort 2

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City of Bangkok

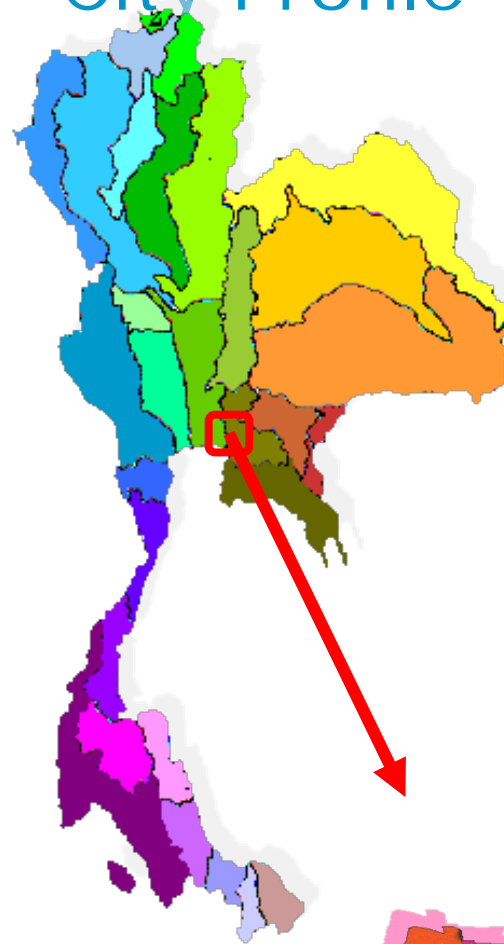
BANGKOK CITY: The Capital of Thailand

- 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)

City Profile



Bangkok Challenge

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



Shocks & Stresses

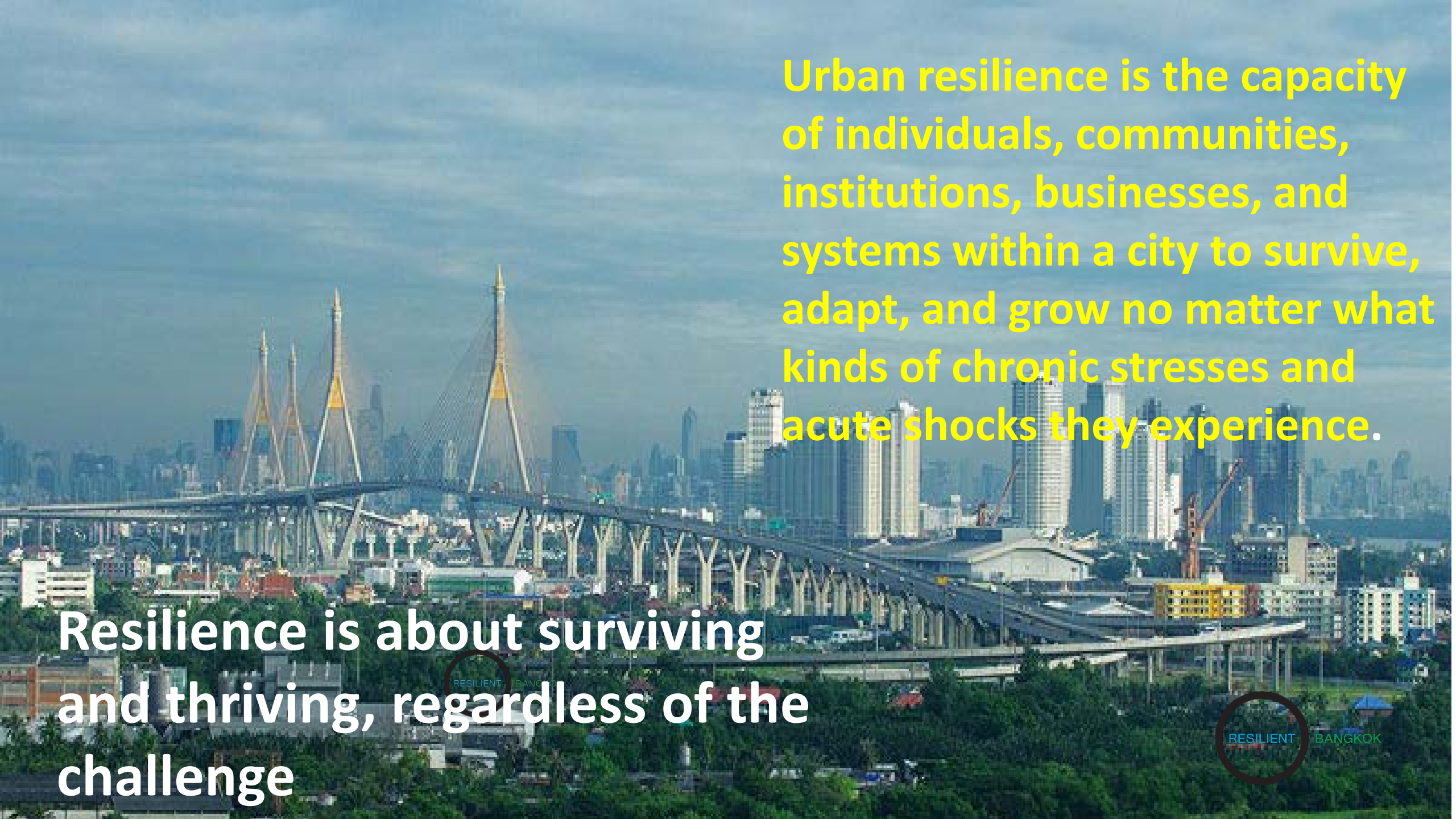










An aerial photograph of a city, likely Bangkok, featuring a prominent cable-stayed bridge with multiple tall, white, A-frame pylons. The bridge spans a body of water, with a dense urban skyline in the background. The sky is overcast with grey clouds. The foreground shows greenery and some lower-level buildings.

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.

Resilience is about surviving and thriving, regardless of the challenge

RESILIENT BANGKOK

RESILIENT BANGKOK



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

#1: 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

- 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

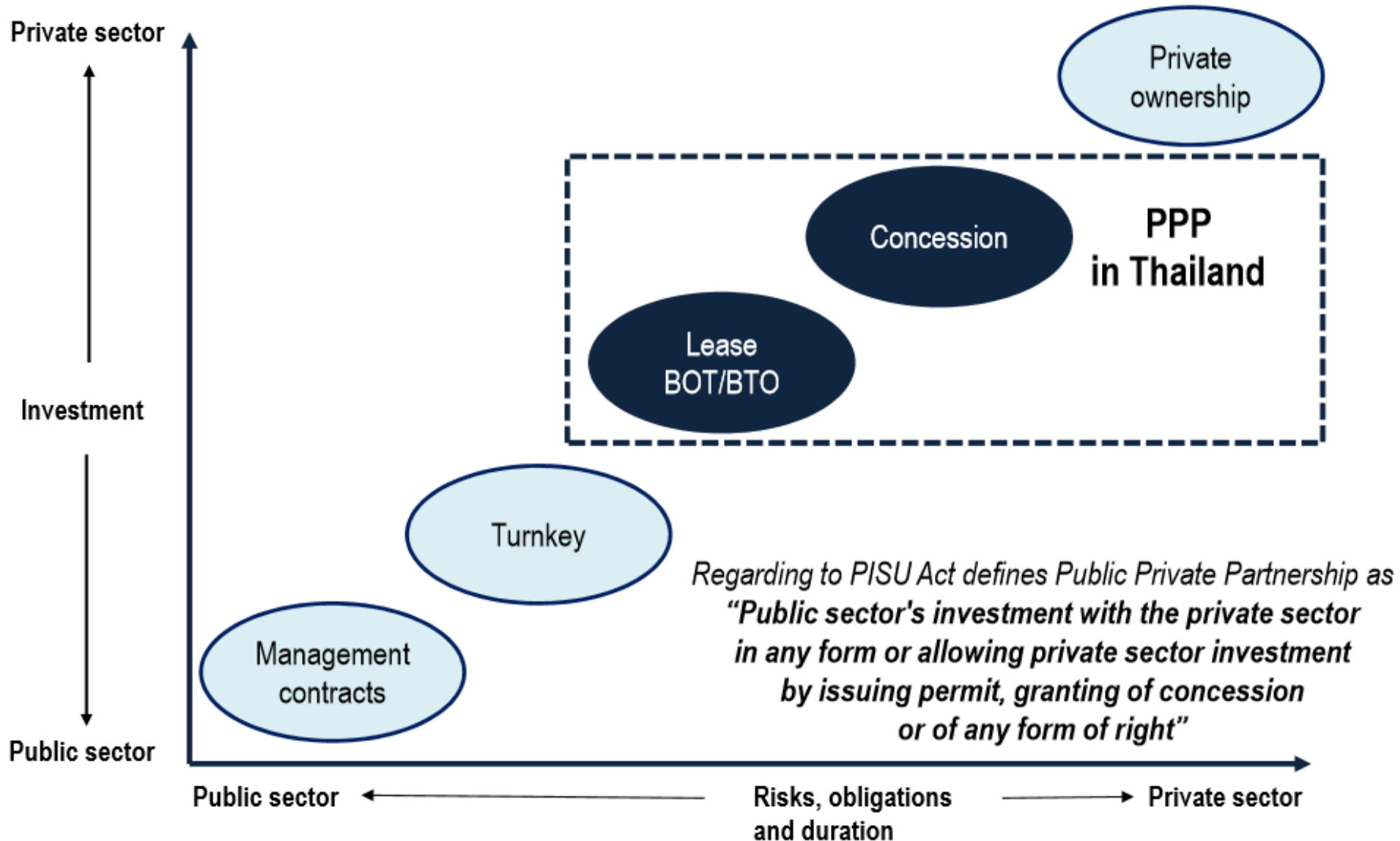
#2: REDUCING RISK AND INCREASING ADAPTATION

#3: DRIVING A STRONG AND COMPETITIVE ECONOMY

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

PPP in Thailand



Thank You



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