



ASEAN  
AUSTRALIA  
SMART CITIES  
TRUST FUND  
Asian Development Bank

# ASEAN Australia Smart Cities Trust Fund

**ADB Business Opportunities Seminar  
22 October 2020**

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**Head of Department, International Water & Climate Resilience at Ramboll**

**RAMBOLL**

Bright ideas. Sustainable change.



# Different Smart City Strategies

## Copenhagen

1950



1995



2010



## Beijing

1950



1984



2010



# THE FUTURE OF CITIES: LIVABLE, SMART & GREEN

# AASCTF – ASEAN Australian Smart Cities Trust Fund



**PROJECT  
DURATION:**  
2019 to 2024

**TOTAL FUNDING:**  
\$ 13.95 M  
(A\$ 20 M)

## ADOPTION OF DIGITAL SOLUTIONS TO IMPROVE KEY FUNCTIONAL AREAS:



CITY PLANNING  
SYSTEMS



SERVICE  
DELIVERY



FINANCIAL  
MANAGEMENT

## ADDRESSING CROSS- CUTTING THEMES:



GENDER EQUITY  
& SOCIAL  
INCLUSION



CLIMATE  
CHANGE



PRIVATE  
SECTOR

## OUTPUTS:

Capacity development  
Partnership support  
Investment grants

## IDENTIFY

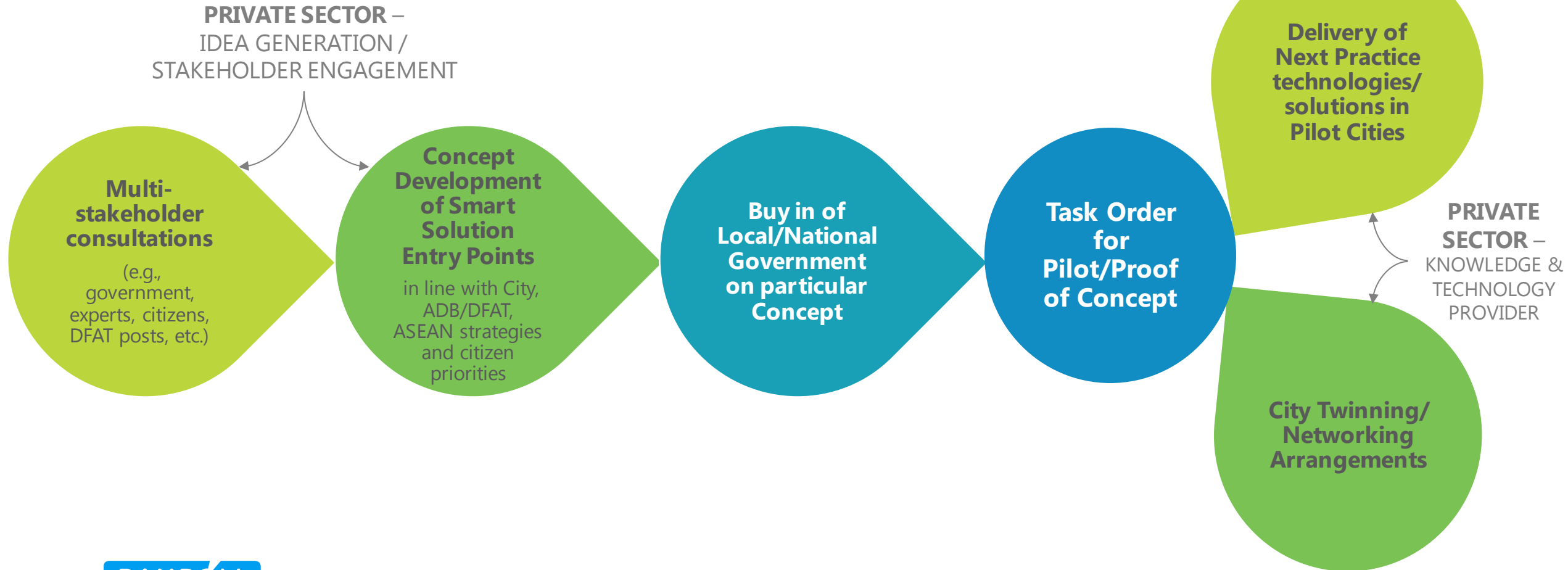
scalable & replicable  
best practices in  
ASEAN

# **ASEAN CITIES & PILOT INTERVENTIONS: PROOFS OF CONCEPT, DEMONSTRATION PROJECTS, DIGITAL ENGAGEMENT**

# AASCTF Participating Cities



# PILOT DEVELOPMENT UNDER AASCTF





# Pilot Projects under IMPLEMENTATION

## Makassar (INO)



Development of a **SMART & LIVABLE CITY PLAN** which will integrate the City's many existing spatial plans under an **UMBRELLA FRAMEWORK** focused on **SMART GROWTH**.

## Baguio (PHI)



Development of **NEXT PRACTICE FLOOD EARLY WARNING SYSTEM** using smart city solutions and development of an **ACTION PLAN** for **FLOOD MITIGATION** via Nature Based Solutions (NBS).

## Kaysone (LAO)



Implement **SMART TECHNOLOGIES** (I.E. **GAMIFICATION, E-LEARNING, ETC.**) to enhance vocational education and fill the **LABOUR GAP** by connecting trained youth with employers.



# Pilot Projects under PREPARATION

## Battambang (CAM)



Developing a safe and attractive **COMMUNITY CENTRE WITH ICT AND START-UP SERVICES** and support with focus on **ICT, gender inclusion and CIRCULAR ECONOMY.**

## Hue (VIE)



Introducing a **DIGITAL 3D PLANNING SYSTEM** with a **VIRTUAL EXHIBITION SPACE** to support community engagement and drive investment in the **SMART & GREEN DEVELOPMENT** of the City.

## Yangon (MYA)



Use smart technologies to **MONITOR AND MAINTAIN A HIGH WATER QUALITY AND SUFFICIENT QUANTITY** from the source and develop a **FINANCIAL SUSTAINABILITY ROADMAP** for the Water Utility.

# MEANS AND OPPORTUNITIES FOR DANISH PRIVATE SECTOR TO ENGAGE AND COLLABORATE WITH AASCTF

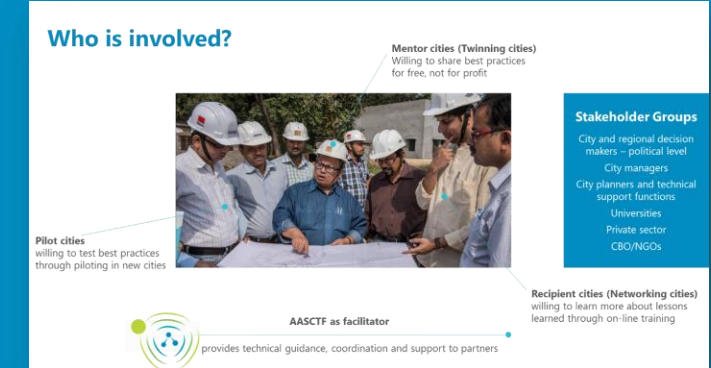
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# PILOT PLANNING & IMPLEMENTATION – DELIVERING SPECIALIST NEXT PRACTICES AASCTF OR CO-FINANCING ARRANGEMENTS



2

# CITY TWINNING/ NETWORKING – KNOWLEDGE PARTNER FOR PILOT CITIES SELF-FINANCING/IN-KIND CONTRIBUTION



3

# WEBINAR PARTICIPATION – PANELIST SHARING NEXT PRACTICES SELF-FINANCING/IN-KIND CONTRIBUTION

**ASEAN AUSTRALIA SMART CITIES TRUST FUND**

**ASEAN AUSTRALIA SMART CITIES WEBINAR SERIES\***

\*Topics, dates and timings are subject to change. Sign up for the AASCTF mailing list to receive the latest webinar information.

**WEBINAR SCHEDULE (as of 14 Aug 2020)**

<b>PART 1:</b> <b>TRACKING THE SPREAD OF COVID-19 THROUGH DIGITAL SOLUTIONS</b> 18 August 2020, 1:00 - 2:00 PM. (GMT +8)	<b>PART 4:</b> <b>INTELLIGENT WATER MANAGEMENT SYSTEMS USING AI AND IoT</b> 3 November 2020, 1:00 - 2:00 PM. (GMT +8)
<b>PART 2:</b> <b>MITIGATING FLOODING IMPACT WITH IoT EARLY WARNING TECHNOLOGIES</b> 8 September 2020, 1:00 - 2:00 PM. (GMT +8)	<b>PART 5:</b> <b>DIGITIZED SOLUTIONS CONNECTING LABOR MARKET AND STUDENTS</b> 1 December 2020, 1:00 - 2:00 PM. (GMT +8)
<b>PART 3:</b> <b>DIGITIZED URBAN PLANNING FOR IMPROVED EFFICIENCY AND COMPLIANCE</b> 6 October 2020, 1:00 - 2:00 PM. (GMT +8)	<b>PART 6:</b> <b>SMARTER MOBILITY FOR SOFT ROAD USERS USING DIGITAL SOLUTIONS</b> 5 January 2021, 1:00 - 2:00 PM. (GMT +8)

MAILING LIST SIGN-UP: [report@asean.austriacities.org](mailto:report@asean.austriacities.org)

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# EMERGING OPPORTUNITIES STAY ENGAGED VIA SOCIAL MEDIA, EMAIL & ONLINE PLATFORM

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[bit.ly/30zLuo0](https://bit.ly/30zLuo0)

# Co-creation community to engage with AASCTF



The ASEAN Australia Smart Cities Trust Fund (AASCTF) assists ASEAN cities in enhancing their planning systems, service delivery, and financial management by developing and testing appropriate digital urban solutions and systems. By working with cities, AASCTF facilitates their transformation to become more livable, resilient, and inclusive, while in the process identifying scalable best and next practices to be replicated across cities in Asia and the Pacific.

Established in April 2019, AASCTF is a single-donor trust fund supported by the Government of Australia through its Department of Foreign Affairs and Trade (DFAT) and managed by the Asian Development Bank (ADB). Engineering and consultancy group Ramboll is the implementing partner for AASCTF activities.

## Active Opportunities



Smart Mobility & Transport



Smart Energy



Smart Environment



Smart Water



Smart Climate & Disaster

Connect with us on:

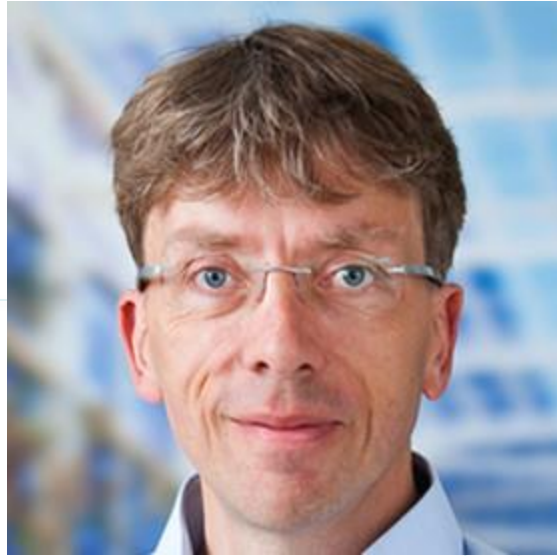
<https://ideas-ramboll.wazoku.com/cc/AASCTF>

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# Thank You!



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