



ASEAN
AUSTRALIA
SMART CITIES
TRUST FUND
Asian Development Bank



Australian Government
Department of Foreign Affairs and Trade



Implementation Partner:



CHONBURI/EEC

Providing a blueprint for
developing a smart city vision
and ICT platform

Photo: Envato Elements

The ASEAN Australia Smart Cities Trust Fund (AASCTF) is helping Thailand's Eastern Economic Corridor Office (EECO) in developing and delivering its vision for its New Livable Smart City through the City Visioning and Strategic Urban Data Platform Assessment Project.

CONTEXT AND STRATEGIC ISSUES

The Government of Thailand is currently focused on advancing towards Thailand 4.0, an initiative aimed at transforming Thailand into a more livable, digitally smarter, equitable, and sustainable economy. The Eastern Economic Corridor (EEC) plays a crucial role in achieving this transformation as they seek to create a New Livable Smart City near the province of Chonburi by 2037. As this new smart city hopes to serve as a model for smart city development across Thailand, the EECO must leverage innovative technologies, robust ICT and digital frameworks, as well as a participatory and inclusive approach to smart city planning.

SUPPORTING VISIONING AND DATA PLATFORM ASSESSMENT FOR EEC'S NEW LIVABLE SMART CITY

AASCTF is collaborating with Thailand's Eastern Economic Corridor Office (EECO) through the City Visioning and Strategic Urban Data Platform Assessment Project. The

CONTRIBUTIONS TO THE SUSTAINABLE DEVELOPMENT GOALS



The project emphasizes the importance of gender equality and social inclusion in city planning by incorporating gender-responsive approaches and ensuring the inclusion of diverse perspectives.



The project promotes inclusive and sustainable industrialization, and fosters innovation through the use of technology in the development of the smart city platform.



The project contributes to the creation of inclusive, safe, resilient, and sustainable cities by leveraging innovative technologies and data-driven approaches to develop a smart city that is more livable, equitable, and sustainable.



The project recognizes the need for partnerships and collaboration with various stakeholders, encouraging partnerships between public and private entities in the development of EEC's New Livable Smart City.



SCAN CODE FOR
DIGITAL VERSION

bit.ly/4dyqdQr

project aims to provide an organized and considered approach for developing a holistic vision for EECO's New Smart Livable City and conceptualizing concrete initiatives and the necessary ICT and digital infrastructure that will deliver the defined vision and benefits. Such guidance hopes to provide EECO with a long-term perspective and direction that enables informed decision-making.

A key component of the project is the development of a City Visioning and Smart City Development Plan, which provides a best practice methodology that the EECO can follow for the initial stages of the New Livable Smart City's master planning process, including creating a vision, establishing a baseline to inform the scale and types of interventions needed and setting the desired livability outcomes for the New Livable Smart City and its inhabitants. It also proposes a framework for defining and realizing the benefits that enable the future smart city's vision, guidance on its ICT and digital setup, and a framework for analyzing and planning the financial aspect of these ICT platform options.

The project also developed a vendor playbook, which provides a high-level assessment of the ICT and digital vendor landscape, useful tools that can help guide the EECO in their discussions with ICT vendors, and scenarios on how to evaluate ICT vendor proposals. This enables

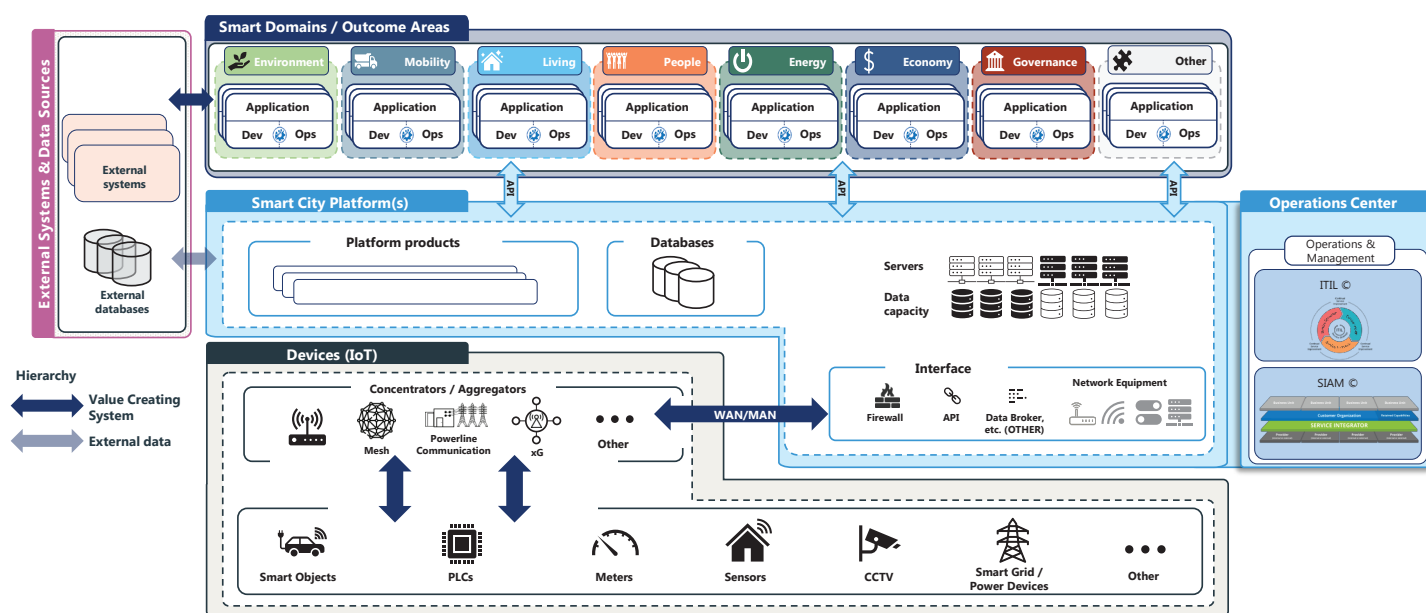
the EECO to ensure that vendors provide an integrated solution that delivers the envisioned benefits for the New Livable Smart City.

To help the EECO assess potential ICT solution vendors, the project developed the following tools, which can be used for vendor dialogues in both the visioning and procurement phases developed:

- A **Digital Solutions Catalog**, which can be used to identify the specific ICT and digital solution that a vendor is offering;
- A **Visualization of the ICT Layers and Setup**, to help highlight the various ICT components and interacting software involved in a vendor's proposed solution; and
- An **Operating Model Template** to help clarify how vendors will handle operations and maintenance (O&M) of their proposed ICT solution.

Through the City Visioning and Strategic Urban Data Platform Assessment Project, the project hopes to enhance the EECO's smart city planning capabilities, helping to facilitate the EEC's transformation into a more livable, digitally smarter, equitable, and sustainable economy.

REFERENCE ICT ARCHITECTURE FOR SMART CITIES



Source: Ramboll

ABOUT THE ASEAN AUSTRALIA SMART CITIES TRUST FUND

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. The Trust Fund is supported by the Australian Government through the Department of Foreign Affairs and Trade, managed by the Asian Development Bank, and implemented by Ramboll.