



APT Regional Workshop on Smart City Platform

30 November – 2 December 2022, Putrajaya, Malaysia

CONCEPT NOTE

1. Background

The “Smart City” concept is rapidly gaining popularity in many APT member countries, to bring together the latest ICT technologies and smarter services to citizen’s daily life. The objectives and implementing services may be different by country depending on their cultural basis, or the problems they are facing, but the common issue for all is how to design their data platform and utilize its data effectively to make their city service smarter.

This workshop is prepared by APT, Korea (Republic of), and Malaysia through “EBC-K project on Smart City Collaboration program” to share APT members’ views, strategies, experiences, and challenges on Smart City Data Platform.

2. Objectives

The program will be prepared to share and understand better each country’s views and experiences on:

- The development of a smart city platform
- Integration of various smart city platforms at national level
- Data sharing and data integration governance in the smart city platform
- Standardization and Certification framework on Smart City

3. Expected Participation

Further, relevant experts from industry are also welcomed to participate at the workshop. Smart City related experts as wide mean (e.g., Government personnel, Private business, technical experts, Policy experts, etc.) from all APT members are expected to participate in this workshop.

4. Timing and location

APT regional workshop on Smart City Platform will be held from 30th November to 2nd December 2022 in Putrajaya, Malaysia.

The detailed logistical information could be found in Annex A.

5. Contact

APT Secretariat

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Malaysian Host information

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6. Tentative Draft Program

The tentative program of the workshop is provided in Annex A.

Tentative Draft Programme
APT Regional Workshop on Smart City Platform

Time	Wednesday, 30th November 2022
09:30-10:00	Registration
10:00-10:30	<p>Opening Ceremony</p> <ul style="list-style-type: none"> - Remarks from APT (TBD) - Remarks from Malaysia (TBD) <ul style="list-style-type: none"> - Welcome Address, TPr Dr. Alias bin Rameli, Director General, PLANMalaysia - Remarks from Korea (Jina PARK, Program director for National Strategic Smart Program / Ministry of Land, Transport and Maritime Affairs) <p>(Group Photo)</p>
10:30-10:45	Coffee Break
10:45-12:30	<p>Session 1: Policy and Strategy on Smart City Platform</p> <p><i>Each country and city have different views on Smart Cities and so, policies and strategies to build Smart City Platform may vary. This session will focus on sharing and understanding the views of APT member countries on developing and implementing a Smart City Data Platform.</i></p> <ul style="list-style-type: none"> - Smart City Platform Strategy and Direction of Korea (Jina PARK, Program director for National Strategic Smart Program / Ministry of Land, Transport and Maritime Affairs) - Malaysia Urban Observatory by PLANMalaysia
12:30-14:00	Lunch Break
14:00-15:30	<p>Session 2: Smart City Platform and Use Cases</p> <p><i>The data platform usually comes first as the key issue of a Smart City. To provide smarter city services to citizens, cities need to analyze and utilize data gathered from various fields through the Smart City platform. APT member countries and cities may have their own experiences building platforms with various strategies and technical priorities.</i></p> <p><i>This session will share the technology and their experiences/challenges in their development of the Smart City Platform. Also, business experiences from the private sector will be shared as the private sector's role is important for the sustainable Smart City ecosystem.</i></p> <ul style="list-style-type: none"> - Development and Implementation of Smart City Integration Platform in Korea (Korean Association of Smart City) - Use case of Smart City Integration Platform in Korea (Hancom NFlux) - Smart Putrajaya by Putrajaya Corporation

15:30-16:00	Coffee Break
15:30-17:15	Session 2(cont’): Smart City Platform and Use Cases <i>Continue from the previous session.</i>
Time	Thursday, 1st December 2022
09:30-10:45	Session 3: Integration and Sharing of Smart City Data <i>A city platform is dealing with many data types from various fields such as city administration, ITS, building, and energy, and its integration in the single city and even between multiple cities are crucial. This session will cover the strategy and experiences of member countries on city data sharing and integration.</i> <ul style="list-style-type: none"> - Data-Hub development and city trial experience in Korea (Korea Electronics Technology Institute) - Trial experience in Korea (LG CNS)
10:45-11:15	Coffee Break
11:15-12:30	Session 3(cont’): Integration and Sharing of Smart City Data <i>Continue from the previous session.</i> <ul style="list-style-type: none"> - Local Challenges in Integration and Smart City Data Sharing by Kiwitech (TBC) - Smart City Platform by Favoriot (TBC)
12:30-14:00	Lunch Break
14:00-15:30	Session 4: Standard based Smart City Platform and Data <i>Interoperability between platforms and data integration are crucial issues in Smart City, and standardization and certification framework are essential to offer the unified guideline and level of technology to cities. It could also help to lower the entry barrier for cities starting Smart City development and reduce the service level gap between cities.</i> <i>This session will introduce and share APT member countries’ experiences on standard based smart city platform and data service.</i>
15:30-16:00	Coffee Break
16:00-17:00	Closing Session
Time	Friday, 2nd December 2022
08:30-11:00	Malaysian Smart City Visit <ul style="list-style-type: none"> - Putrajaya Command Centre (Putrajaya Corporation)