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Smart Cities KSB Newsletter
September 2019

SMART CITIES KSB

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Recent Highlights

2019 Korea Smart City Study Tour
Seoul, Sep 2-6, 2019

The first week of September 2019, the World Bank hosted the 3rd Korea Smart City Study Tour which convened World Bank clients and staffs in order to share insights and experiences in smart cities. This year's Korea Smart City Study Tour was attended by 40 people, twice as many as last year's event. This big study tour was held with Ministry of Land, Infrastructure and Transport (MOLIT), Smart Cities Knowledge Silo Breaker and Korea-World Bank Partnership Facility. This tour was also sponsored by various organizations including Ministry of Science and ICT, Korea Land and Housing Corporation (LH). In the middle of the tour, they visited 2019 World Smart City Expo (WSCE) in Korea.

Korea smart city technologies and applications gave inspiration and ideas to the participants how to make their cities smart. It was successful in that the participants could get action items for smart city development for their cities beyond conceptual debate. "It is very impressive that Seoul TOPIS opens the data to the public. Citizens use the city transportation data to make applications of bus information, route suggestion, and so forth. Seoul is a living lab. Smart city can be built with citizens by sharing data" said Nodir Ramazoni Mirzoyon from Republic of Tajikistan

2019 The Netherlands Smart Cities Study Tour
June 17-21, 2019

The Smart Cities KSB, the Embassy of the Netherlands and Netherlands Enterprise Agency with the support of the Dutch government, and private sector partners organized the second smart city study tour to the Netherlands.
The participants had the opportunity to observe Dutch expertise in smart and sustainable city development. Participated by 20 Bank TTLs and senior client government officials, the Study Tour offered a combination of deep-dive style workshops, peer-to-peer exchanges, site visits, solution workshop, and national Innovation Expo – New Dutch Wave. Sessions were held with the municipal governments of Amsterdam, Rotterdam, Helmond, and Eindhoven.

Workshop on Smart Sustainable Cities, ICT applications and e-Government
Jeju Island, Korea, July 15 – July 18, 2019

The World Bank Smart Cities Knowledge Silo Breaker (KSB), together with the World Smart Sustainable Cities Organization (WeGO), Korea Ministry of the Interior and Safety (MOIS), National Information Society Agency (NIA), and the International Telecommunication Union (ITU) co-organized a **workshop on Smart Sustainable Cities, ICT applications and e-Government** in Jeju Island, Korea during **July 15 – July 18**. About 25 participants consisting of city and government officials, World Bank Staffs, and the Bank project clients were present to learn from the Korean development trajectory and ICT solutions (smart city models, data, networks, IoT, 5G, and AI technologies) and also to have a better understanding of enabling conditions needed to implement ICT solutions. The workshop consisted of site visits to smart city facilities in Korea, project proposal presentations by participants based on knowledge acquired during the workshop, and series of lectures on emerging technologies applicable to smart city approach, international best practices, Korea's case study, and financing mechanisms toward implementation. Attended Work Bank staffs presented on their projects/cases and also shared their experiences through a panel discussion. At the very end, participants took an exam received an ITU certificate

Smart Cities Learning Series
The KSB organized several learning sessions on selected topics from public private partnership to disruptive technology applications in operations during summer

Smart Cities for Indonesia

Urban Specialist **Natsuko Kikutake** presented the findings of the Smart Cities Issues Note developed for Indonesia's BAPPENAS (Ministry of National Development Planning), which explores Smart Cities solutions to achieve Indonesia's goal of "Sustainable Cities 2045"; on-going Smart Cities initiatives in Indonesia such as the Indonesia 100 Smart City Movement, ASEAN Smart Cities Network (ASCN), and the Presidential Regulation (*PerPres*) No. 95/2018 concerning the Electronic Based Government System; and a draft Smart Cities Road Map and recommendations. Presentation and recording is available upon request.

PPP Framework and Strategy for Smart City Development

Although smart cities enhance living standards of its citizens based on interconnected digital infrastructure and technology-mediated services in city operations, limited public funds hinder progress on the agenda. **YunJung Yang,** a summer intern with the SURR GP, presented the findings from the paper on **Public-Private Partnerships for Smart Cities Initiative** which explores various instruments of PPPs to realize Smart City solutions across the globe. Presentation & Recording.

Disruptive Technology Solutions in Bank Operations

The session featured three winners of the Disruptive Technologies for Development (DT4D) Challenge from GP SURR: **Edward Anderson, Nicholas Jones, and Gayatri Singh**. The DT4D Challenge aims to identify and pilot scalable disruptive technology solutions in World Bank Group operations to maximize their development impact. Presentation & Recording.

Meet the ITS Innovation & Technology Lab

The presentation introduced the details about ITSTI lab's areas of focus and exploration with emerging technologies, specifically in sectors and themes explored along with the clients the ITSTI lab has engaged and collaborated with since its creation in June 2017. **Jinhee Park, Ji Ho Shin and Seema Angiras** from the ITS team also highlighted some projects that explored the potential of Blockchain, Artificial Intelligence (AI), the Internet of Things (IoT) in order to solve development challenges in an innovative way. Presentation & Recording.

Mobility Insights at Swisscom

Swiss Smart Cities Hub, Deloitte, Swisscom and Risk Reduction Foundation are developing a Program on Smart Financing for Smart Cities. City officials, residents and investment partners will benefit from "Smart city in a smartphone" applications that both improve efficiency of public services and provide transparency to applying public and private investments to mutually agreed priority tasks. **Asesh Bhaumick** from Swisscom and **Andrei Iatsenia** from Risk Reduction Foundation joined us for an interactive discussion on population mobility patterns for smarter cities, national transportation planning, infrastructure funding decisions and national disaster risk reduction. Presentation and recording are available upon request.
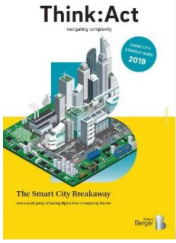
Other Events around the WBG

Autonomous Ticketing- The Key to Tomorrow's Mobility? - Hosted by Urban Mobility GSG

In Case You Missed

Global Smart City Partnership Program continues to provide Just-in-Time Technical Assistance and Operational Support to the World Bank Projects. The first group of teams from Kinshaha, DRC (2 projects), West Bank and Gaza, South Africa, Kenya, Kazakhstan, Saudi Arabia, Serbia, Uzbekistan, Morocco already started working with the experts assigned them by the Program. And the selection of the second group was recently completed. Teams from Tanzania, Vietnam, Indonesia, Uzbekistan, Benin, Kosovo, Bosnia and North Macedonia will be working with the Global Smart Cities Partnership Program. Next round of the selection will be soon. We'll send out an EOI. So, please stay tuned!

Recent Publications

REPORT: Smart City Strategy Index: Vienna and London Ranking in Worldwide Rankin
Rolandberger.org
The Austrian capital Vienna again tops the Smart City Index, Roland Berger's analysis of 153 cities around the world. Second in the ranking is another European city, London. On average, however, it's mainly Asian metropolises that demonstrate the most compelling Smart City strategies. Read more…

Cities Are Not Technology Problems: What Smart Cities Companies Get Wrong
Metropolismag.com
One of the smart city's most alluring features is its promise of innovation: It uses cutting-edge technology to transform municipal operations. Like efficiency, innovation possesses the nebulous appeal of being both neutral and optimal, which is difficult to oppose. After all, who would want her city to stagnate rather than innovate? Read more…

How Innovative Cities Benefit from Mobility IoT Data
We are entering a new transportation age, one in which new modes; from scooters to ride hailing apps to autonomous vehicles, are disrupting transportation traditions. the Internet of Things (IoT) is gradually connecting everyone to everything, and new data sets are emerging too fast to be properly analyzed or effectively integrated with other data. Read more…

External Events

- Smart Cities Week, Washington DC, September 30-October 2, 2019
- Smart Cities Connect, National Harbor MD, October 8-10, 2019
- Smart City Summit, Atlanta GA, October 31-November 1, 2019
- Smart City Expo World Congress, Barcelona, November 19-21, 2019

Seeking Your Contribution

The Smart Cities KSB connects TTLs, staff, and consultants from GPs/CCSAs through a variety of knowledge sharing activities to inform operational activities. Through this we aim to connect people so they can learn from each other's expertise and execute Bank operations more efficiently. To share your efforts across the Smart Cities community and equip you with quick access to successful project models, policy initiatives, and cross-cutting expertise, we have created a Smart Cities knowledge repository . You can contribute by:

- **Sharing operational and learning experience** relevant to Smart Cities
- **Sharing comments and feedback** through our C4D page
- **Proposing future activities** that you would like the Smart Cities KSB to organize
- **Suggesting external expertise** that we can invite to share knowledge

To learn more about the Smart Cities KSB and our future activities, follow us on our C4D Page. We are excited to bring you many activities in the year to come! Remember, it's your KSB.

Thanks and kind regards,
Smart Cities KSB Core Team
Hyoung Gun Wang, Qiyang Xu, Gunes Basat, Seunghyun Kim, Natsuko Kikotake, Victor Mulas, Ayah Mahgoub, Se-Eun Hwang, Nicholas Jones, Christiana Reichsthaler

BCC: GPURL ALL STAFF Extended; ICT All Staff Roster; T&C GP All Staff; Energy-ICT Interest Group; Korean Staff; Transport GP All staff T&I GP All Staff; GEEDR Roster; IFC Cities Extended Leadership Team; Smart Cities CoP; GSG Spatial Extended; FCI GP All Staff; GSG_SIS Extended;