

Conference
Program Book

WSCE WORLD
SMART CITY
EXPO KOREA

World Smart City Expo



2024.
9.3.Tue.—
9.5.Thu.

KINTEX
Goyang
Special City,
Korea

BETTER LIFE IS HERE.

Host



Ministry of Land,
Infrastructure and Transport



Ministry of Science and ICT

Organizer



KINTEX



Sponsor



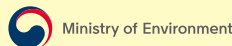
Ministry of
Foreign Affairs



Ministry of Trade,
Industry and Energy



Ministry of SMEs
and Startups



Ministry of Environment

Extension of Sustainable Space Model Establishment of AI Data-Centric Urban Infrastructure Creating a Private-Centered Industrial Ecosystem Activating K-Smart City's Global Cooperation Business Official Events

Date/Time	World Stage	Green Stage	Blue Stage	Room 210	Room 211	Room 212+213	Agora	etc. (208/209/309)		
9.3 (Tue.)	10-11	Forum on Technology-Inclusive Urban Strategy : Respond to Future Social Change LH	The 5th LH Global Business Convention 1 LH	Nordic Seminar Embassy of Denmark in Korea, Embassy of Finland in Korea			Open Stage 1 Innovate UK			
	11-12						Open Stage 1 Israel Economic And Trade Office, Embassy of Israel in Korea			
	12-13	MOU					Venture Investment and Open Innovation Cases in the Construction Industry OVC XPLOR INVESTMENT, Plan.H Ventures		Global Smart City Partnership Program (GSCP) (Room 208)	
	13-14									
	14-15	Opening Ceremony					The 5th LH Global Business Convention 2 LH			13:00-16:30 Spatial information Convergence Big Data Startup Competition
	15-16	Vertiport Global Forum, For "K-Smart City Vertiport" KAC	Human-centered Smart Cities for better life Smart City Association	WSCE 2024 Smart City International Conference 3rd LH					Smart City ICT International Cooperation Seminar MOLIT	Spatial Information Industry Promotion Agency (SPACEN) (Room 209)
	16-17									
17-18										
9.4 (Wed.)	10-11	MOU								
	11-12	The 29th Smart Waterfront City Conference K-water	2024 Global Smart City Leadership Forum Seoul National University Gloval R&DB Center	Opportunities for Cities Through AI and Big Data Smart City Association			K-City Network Dissemination seminar MOLIT	Challenges of Activating Smart Buildings ISCA	Global Business Concert 1	
	12-13									
	13-14			COMPAS National Urban Data Analysis Competition LH						
	14-15	Smart City Initiative Symposium MOLIT	Smart mobility, global trends and the efficient use of frequencies MSIT	The Evolution of Urban Spaces with Robots Smart City Association				The 9th Smart City National Local Government Council MOLIT	Open Innovation 2 HOBAN	
	15-16									
	16-17									
17-19	WSCE 2024 Awards + Networking Night									
9.5 (Thu.)	10-11	"Smart City, Personal Information Protection Guidelines" Symposium Association Korean Journalists-National Assembly Digital Economy 3.0 Forum	Korean-German-ASEAN Smart City Forum	Responding to Climate Crisis and Carbon Emission Management Smart City Association	Sustainable Smart City, Sustainable Cooperation Model MOLIT		Citizen-led Smart City The Korea Institute of Public Affairs	Global Business Concert 2 Launching Ceremony of 2024 K-City Network Program - Smart City & Solution Planning Project MOLIT(309B)		
	11-12		GIPA, Friedrich Naumann Foundation for Freedom							
	12-13									
	13-14									
	14-15	Korea Hydrogen City Convergence Forum Conference MOLIT	ITS and Smart City Innovation Partnership for the Future ITS Korea	Dynamic spatial data for smart city implementation E8IGHT	Smart City Asia Standards Forum 2024 KSA	Interim Report of 2024 K-City Network Solution Demonstration Project MOLIT	The 5th Smart City Human Resource Conference MOLIT	Leading Companies Showcase Open Stage 2		
	15-16									
16-17										

* The details of the program are subject to change.

Human-centred Smart Cities for a better life

Date | 9.3(Tue.) 15:00~17:00

Venue | Blue Stage

A Lecture on Human-Centred Smart Cities: Transforming the Quality of Life for Citizens

Understanding a Changing World: Exploring Life's Transformations through Science

Host | Ministry of Land, Infrastructure and Transport (MOLIT) / Organizer | Smart City Association

Program |

 Interpretation

Time	Details	Speakers
15:00~15:05	Session Introductions and Welcome Remarks	Moderator
15:05~15:25	(Presentation1) The Smart City Dreamed by a Cognitive Scientist	Sangkyun Kim (Kyung Hee University, Professor)
15:25~15:45	(Presentation2) The Opportunities AI and Big Data bring to Smart Cities	Jin Hyeong Lee (DataMKT Korea, CEO)
15:45~16:05	(Presentation3) Smart Eco Future City	Tesoc Hah (SCALe Architecture & Technology, Chief Architect)
16:05~16:25	(Presentation4) Smart City for Patients: Digital therapeutics	Sean G. Kang (WELT, MD, MPH)
16:25~16:40	Wrap-up Talk and Discussion	
16:40~16:45	Group Photograph	
16:45~17:00	Networking	

Opportunities for Cities Through AI and Big Data

Date | 9.4(Wed.), 10:30~12:30

Venue | Blue Stage

The Present and Future Technologies Shaped by AI Prospects of Urban Transformation Brought by AI

Host | Ministry of Land, Infrastructure and Transport (MOLIT) / Organizer | Smart City Association

Program |

 Interpretation

Time	Details	Speakers
10:30~10:35	Session Introductions and Welcome Remarks	Moderator
10:35~10:55	(Presentation1) AI-Driven Transformations in a Smart Society	Jeongmin Kim (Wisnut, Division Leader)
10:55~11:15	(Presentation2) Smart Technology in 119 Emergency Control Centre that Saves People	Dong-Ho Yoo (National Fire Agency, Fire Captain)
11:15~11:35	(Presentation3) Creativity and Smart Working in Data & AI Era	Taewon Kim (INNORED, CEO)
11:35~11:55	(Presentation4) Cognitive City, Future of Smart Cities with AI	Jungho Yun (Anyang City, Head of Team)
11:55~12:10	Wrap-up Talk and Discussion	
12:10~12:15	Group Photograph	
12:15~12:30	Networking	

The Evolution of Urban Spaces with Robots

Date | 9.4(Wed.), 14:00~16:00

Venue | Blue Stage

The Future of Robotic Technology in Revolutionising Urban Life and Spaces

Exploring the multifaceted impact of robotics on urban spaces and daily life, examining how the innovative application of robots in areas such as parking, logistics, and services will transform future cities

Host | Ministry of Land, Infrastructure and Transport (MOLIT) / Organizer | Smart City Association

Program |

 Interpretation

Time	Details	Speakers
14:00~14:05	Session Introductions and Welcome Remarks	Moderator
14:05~14:25	(Presentation 1) Autonomous Robots Set to Transform Living Spaces.	Keehyuk Kang (Neubility, Vice President)
14:25~14:45	(Presentation 2) The Future of Urban Living Is Closer Than Ever: Parking Robots	Sindan Kang (Hyundai WIA, Vice President)
14:45~15:05	(Presentation 3) Logistics Automation with Robots and the Changing Everyday Life	Daehwan Kim (CJ Olive Networks, Team Leader)
15:05~15:25	(Presentation 4) Blueprint for Urban Development with Robotics Service Integration	John Kwak (CS Property, Chief of Division)
15:25~15:40	Wrap-up Talk and Discussion	
15:40~15:45	Group Photograph	
15:45~16:00	Networking	

Extension of Sustainable Space Model

PAID

★ SPECIAL CONFERENCE

Responding to Climate Crisis and Carbon Emission Management

Date | 9.5(Thu.), 10:30~12:30

Venue | Blue Stage

Urban Innovation and Challenges in the Face of Climate Change: A New Energy Paradigm – The Secrets of Korean Skyscrapers and Surplus Power Utilisation Technologies

Exploring Urban Challenges in Addressing Climate Change, Energy Efficiency Strategies, Diagnostics of Environmental Changes, and Innovations in Surplus Power Utilisation

Host | Ministry of Land, Infrastructure and Transport (MOLIT) / Organizer | Smart City Association

Program |

 Interpretation

Time	Details	Speakers
10:30~10:35	Session Introductions and Welcome Remarks	Moderator
10:35~10:40	Group Photograph	
10:40~11:00	(Presentation 1) Earth's Warning: Urban Challenges in Responding to Climate Change	Hyunjoon Min (Zalgreen Architecture Research Institute, Director)
11:00~11:20	(Presentation 2) Smart Cities for Climate Change Mitigation	Orbit (Unrealscience, YouTuber)
11:20~11:40	(Presentation 3) The Green Initiative of the Lotte World Tower, a Korean Super High-Rise Building	Jaehyun Kim (Lotte Property & Development, Manager)
11:40~12:00	(Presentation 4) Korean Surplus Power Utilisation Technology Captivates an Indian Expert	Jiwoo Kim (Sevasa, CEO) Kumar Ankit (Sevasa, Researcher)
12:00~12:15	Wrap-up Talk and Discussion	
12:15~12:30	Networking	

Extension of Sustainable Space Model

Revolutionising Urban Living - Collaborating for Next-Gen Smart Cities

Date | 9.3(Tue.), 10:00~11:15

Venue | Agora

#Expanding sustainable spatial models (Addressing climate change, mobility innovation)

Leaders in their field, our speakers were awarded a place on Innovate UK’s prestigious Global Business Innovation Programme to visit South Korea. They are interested to form collaborations with South Korean partners in this important sector.

Host | Korea Agency for Infrastructure Technology Advancement (KAIA) / Organizer | Innovate UK

Program |

 Interpretation

Time	Details	Speakers
10:00~10:03	UK Global Business Innovation Programme (GBIP): scene-setter	<p>Sarah Hildersley (Innovate UK, GBIP Lead)</p> <p>Kevin O’Malley (Innovate UK, Urban Systems Lead)</p>
10:05~10:40	5 UK company pitches and Panel 1: Smart City Ecosystems moderated by Mr Ali Nicholl, IOTICS	<p>Alex Barter (B4T, Managing Director)</p> <p>Max Silin (Exodus Orbitals, Chief Business Development Officer)</p> <p>Dr Eleni Aloupogianni (Interactive Coventry, Senior Data Science Engineer)</p> <p>Ali Nicholl (IOTICS, Co-Founder)</p> <p>Reuben McQueen (OpenKit, Co-Founder/CTO)</p>
10:40~11:15	5 UK company pitches and Panel 2: Low Carbon Solutions: moderated by Kevin O’Malley, Innovate UK	<p>Matt Reizenstein (Flock Energy, Co-Founder/COO)</p> <p>Manveer Sidhu (Kestrel Radar Sensors, General Manager)</p> <p>Aidan Donnelly (SmartWorkPlus, CEO)</p> <p>Furqan (Sora Aviation, CEO)</p> <p>Julian Mensah (Voltric Mobility, Director)</p>

Extension of Sustainable Space Model

The 5th LH Global Business Convention

Date | 9.3(Tue.), 10:00~16:00

Venue | Part 1 (10:00~12:00) Blue Stage

Part 2 (13:30~16:00) Room 211

Climate Change, Sustainable Cities, and Technological Innovation

The main theme of the 5th LH Global Business Convention is 'Smart City Technology and Global Cooperation for Sustainable Urban Development in Response to Climate Change'. LH GBC will act as a venue of knowledge exchange and collaboration for professionals in related field and as a business platform for smart technology companies to explore global opportunities.

(Part 1) Responding to Climate Change through Global Cooperation and Smart City Technology

(Part 2) A Smart Approach to a Sustainable City & Eco-Smart City Development Status and Cooperation Tasks

Host | Korea Land and Housing Corporation

Program |

 Interpretation

Time	Details	Speakers
Opening, Remarks, Keynote Speech, Roundtable Discussion / KINTEX 1, Blue Stage		
10:00~10:10	(Session Introduction)	(MC) Sunyoung Jang
10:10~10:15	Opening Remarks	Jae-Kyung Kim (Korea Land & Housing Corporation, Vice President of Balanced Regional Development Division)
10:15~10:20	Congratulatory Remarks	Woo-Jin Jung (Ministry of Land, Infrastructure and Transport, Director General for Urban Policy)
10:20~10:40	(Keynote Speech) Smart Technological Innovation for Global Climate Change Response	Euan Low (Green Climate Fund, Climate Impact Leader of Energy, Infrastructure, Transport & Industry Portfolio)
10:40~12:00	(Roundtable Session) Responding to Climate Change through Global Cooperation and Smart City Technology	(Moderator) Beckhee Cho (Korea Land & Housing Corporation, Former General Director of Global Cooperation Center)
	Approaches for Solving Urban Problems	Joon Park (University of Seoul, Associate Professor of International School of Urban Sciences)
	Key Contents and Meaning of the 4th Smart City Comprehensive Plan – Focusing on climate response and private participation ecosystem	Jae-Yong Lee (Hyundai Motor Group, Head of Smart City Innovation Group)
	Climate Resilience and Digitization for Sustainability	Peter Sasi (greehill, Vice President of Asia-Pacific)
	Smart City as a Response to Climate Change Threats	Jong-Hyo Nam (UN-Habitat, Chief Technical Advisor of Climate Change)
	(Panel Discussion) (Wrap-Up)	Beckhee Cho, Euan Low, Joon Park, Jae-Yong Lee, Peter Sasi, Jong-Hyo Nam
Thematic Session / KINTEX 1, Room 211		
13:30~14:30	(Thematic Session 1) A Smart Approach to a Sustainable City	(Moderator) Gab-Soon Kim (Korea Land & Housing Corporation, General Manager of Smart Land and Urban Planning Office)
	Smart Service Pool	Du-Jin Baek (Korea Land & Housing Corporation, General Manager of Smart Service Planning Team)
	Digital Twin Application: Environmental /Disaster Prevention Technology Solution Cases	Je-Hyoung Ryu (E8ight, Senior Vice President)
	LH COMPAS: Open Data-Based Urban Problem Solving Platform	(by the Moderator)
	LH COMPAS Case: Selection of New Vegetation Target Areas through Urban Heat Island Analysis	Min Jang (University of Seoul, Team Leader of OTIUM (COMPAS Award Winning Team))
	(QnA)	
14:50~16:00	(Thematic Session 2) Eco-Smart City Development Status and Cooperation Tasks	(Moderator) Youn-Taik Leem (Hanbat National University, Vice President)
	Global Eco-Smart City Market Trends: Roles and Opportunities of Companies	Joo-Hyun Lee (Smart City Association, Team Manager of Win-Win Cooperation Team)
	Public-Private Cooperation for Promotion of Global Smart City	Chang-Goo Jung (International Construction Association of Korea, Head of Overseas Construction Policy Supporting Group)
	Smart City Planning in Response to Climate Change: Case of Indonesia and Vietnam	Chan-Ho Park (Yeong Gug C&P, CEO)
	Improving Living Environment & GHG Emission Reduction: SDM Project in Karachi, Pakistan	Dong-Young Kim (Korea Land & Housing Corporation, General Manager of Global Business Project Team 3)
	(Panel Discussion) (Wrap-Up)	Youn-Taik Leem, Joo-Hyun Lee, Chang-Goo Jung, Chan-Ho Park, Dong-Young Kim, Theophile Iriho, Yves Gatera

Extension of Sustainable Space Model

Forum on Technology-Inclusive Urban Strategy : Respond to Future Social Change

Date | 9.3(Tue.), 10:00~11:50

Venue | Green Stage

Planning a Future Smart City with Advanced Technologies and Exploring the Role of Public-Private

Planning a future smart city with the introduction of future mobility and artificial intelligence and exploring the role of public-private cooperation

Host-Organizer | Korea Land and Housing Corporation

Program |

Time	Details	Speakers
10:00~10:05	Introduction of Guests	Moderator
10:05~10:10	Opening Remarks	Sang-uk Lee (LH, Executive vice President)
10:10~10:35	(Presentation 1) Mobility Specialized City Development Project	Hojin Park (Hyundai Motor Company, Cell leader)
10:35~11:00	(Presentation 2) Generative AI, Industrial Changes and Our Response Strategies: Focusing on AI City	Jung-Woo Ha (NAVER Cloud, Head)
11:00~11:10	Break	
11:10~11:50	Discussion on Public-Private Collaboration Strategies for Planning Future Smart New Cities	Jeasun Lee (Yonsei University, Professor)

Creating a Private-Centered Industrial Ecosystem

Nordic Seminar

Date | 9.3(Tue.), 10:30~12:30

Venue | Room 210

Local Partnership, Global Solutions – Nordic Examples

How local partnerships with smart cities as platforms can foster new solutions and entrepreneurship and sharing best practices from Nordic cities

Host | Embassy of Denmark in Korea, Embassy of Finland in Korea / Sponsor | Nordic Council of Minister

Program |

 Interpretation

Time	Details	Speakers
10:30~10:40	Why smart cities are competitive and attractive	Innovation Centre Denmark in Korea, Embassy of Denmark in Korea
10:40~11:10	Three Nordic Cities, How Nordic Cities design smart city initiative and entrepreneurship	Helsingki, Aalborg and Vejle
11:10~12:00	Which challenges are researches addressing? AI, Autonomous Mobility, Air Quality, Digital Twin, Energy Informatics	Professors and researchers from Universities and Institutions from Denmark and Finland
12:00~12:30	Collaboration between Nordics and Korea	K-Water, Clean cluster, Digital Lead, Helsingki, Embassy of Finland, KAIST

Activating K-Smart City's Global Cooperation

Global Smart City Partnership Program (GSCP)

Date | 9.3(Tue.), 13:00~14:00

Venue | Room 208

Introduction of GSCP and dissemination of program achievements

The purpose of the session is to raise awareness of Smart City and the GSCP among WB clients and explore possibility of smart city intervention in the countries

Host | World Bank and MOLIT

Program |

Time	Details	Speakers
13:00~13:05	Opening Remarks	Angelica Nunez (Practice Manager, WB)
13:05~13:15	Introduction of GSCP	Sung-Up Yoon (Urban Specialist, WB)
13:15~13:35	Towards Smarter and Greener Amman-Jordan Case	Isaac Kim (GSCP core expert)
13:35~13:55	Smart City Framework and Sectoral Cases - Smart City Catalog	Sang-Keon Lee (GSCP core expert)



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Creating a Private-Centered Industrial Ecosystem

Spatial information Convergence Big Data Startup Competition

Date | 9.3(Tue.), 13:30~17:00

Venue | Room 209

Spatial information Convergence Big Data

data and innovation services within the Spatial information convergence big data platform

Host | National Information Society Agency(NIA), KOREA LAND AND GEOSPATIAL INFORMATIX CORPORATION(LX), Spatial Information Industry Promotion Agency(SPACEN) / Organizer | THE NEXT LAB

Program |

Time	Details	Speakers
13:30~17:00	Spatial information Convergence Big Data	

Activating K-Smart City's
Global Cooperation

Introduction of Israeli Smart City Tech Companies' Seminar

Date | 9.3(Tue.), 11:20~12:20

Venue | Agora

Introducing Israeli smart city tech companies to Korean organizations or companies for cooperating future business opportunities

Host-Organizer | Israel Economic And Trade Office (IETO Korea), Embassy of Israel in Korea

Program |

Time	Details	Speakers
11:20~11:25	Congratulatory	Israel Economic And Trade Office
11:25~11:35	Solving the underground through non-intrusive subsurface imaging	Ido Gonen , CTO of Exodigo
11:35~11:55	Israel's Drone & Anti-Drone Technology	Taeho Cho , CEO of Korea ITC
11:55~12:05	Detection technology for leaking water based on SAR satellite	Dongyong Lim , Business Manager of SI Imaging Services
12:05~12:15	Hailo(NPU) inside Smart-City, Edge AI era into everywhere	Donggu Lee , Hailo Korea
12:15~12:20	Q/A	

Establishment of AI Data-Centric Urban Infrastructure

WSCE 2024 International Conference 3rd

Date | 9.3(Tue.), 15:00~17:30

Venue | Room 210

Smart City in Urban Renaissance

The international conference on exploring cooperation for smart urban regeneration strategies and planning support systems for aging planned cities

Host-Organizer | LH, Land and Housing Research Institute / Sponsor | Urban Design Institute Korea

Program |

 Interpretation

Time	Details	Speakers
15:00~15:04	Emcee	Land & Housing Research Institute Shinwon Park Research Fellow
15:04~15:08	Opening Remarks	Land & Housing Research Institute Changmu Jung Head
15:08~15:12	Welcome Remarks	Ministry of Land, Infrastructure and Transport (MOLIT) Sangjoo Lee Deputy Minister for Territorial and Urban Development
15:12~15:15	Commemorative photo	
15:15~15:35	(Presentation 1) Smart Strategy of Urban Renaissance	Land & Housing Research Institute Youngtae Cho Director of Urban Research
15:35~15:55	(Presentation 2) Infrastructure Scenario Planning and Smart Cities in Australia	The University of New South Wales Hoon Han Professor
15:55~16:15	(Presentation 3) AI-based Housing Simulation	Ten Eleven Sunhoo Kim Strategic Director
16:15~16:35	(Presentation 4) Building Singapore as a Smart & Sustainable Nation	National University of Singapore Kwan Ok Lee Professor
16:35~16:40	Break	
16:40~17:30	Panel discussion	[Moderator] Land & Housing Research Institute Mihong Lee Director of National Territory & Space Research Lab [Panel] Hanyang University Sugie Lee Professor Seoul National University Jaeseung Lee Professor Korea University Gunwon Lee Professor Ministry of Land, Infrastructure and Transport (MOLIT) Kidae Kim Director of Urban Renewal Planning Division Korea Land & Housing Coporation Sanggyun Kwon Director of Urban Renewal Office
17:30	Closing	Land & Housing Research Institute Shinwon Park Research Fellow

Activating K-Smart City's Global Cooperation

Smart City ICT International Cooperation Seminar

Date | 9.3(Tue.), 15:00~17:30

Venue | Room 212+213

Current Status of Smart Cities Worldwide and the Role of International Cooperation in Their Development

Seminar on South Korea's Smart City Initiatives and International Development Assistance Projects and Cooperation Strategies

Host | Ministry of Land, Infrastructure and Transport / Organizer | Smart City Association

Program |

 Interpretation

Time	Details	Speakers
15:00~15:02	Opening	Moderator
15:02~15:05	Greetings	Ministry of Land, Infrastructure and Transport (MOLIT)
15:05~15:20	Korea's Smart City Policy	Kim Ick-Hoi (Director, Korea Research Institute for Human Settlements)
15:20~15:35	ODA project for global ICT cooperation	Kim Seo-hee (NIPA, Chief)
15:35~15:55	Overview of the Current Status of Smart City Projects Across Countries	Overseas Expert/trainee (4 countries)
15:55~16:35	Sector-Specific Smart City Solutions	Korean Smart City Firms (4 firms)
16:35~16:40	Closing	Moderator
16:40~17:30	Networking session (Food & Refreshment provided)	

Extension of Sustainable Space Model

Vertiport Global Forum, For “K-Smart City Vertiport”

Date | 9.3(Tue.), 15:00~18:00

Venue | Green Stage

Innovative Vertiport technologies and systems for “K-Smart City Vertiport” construction & operation

Introducing and discussing Innovative Vertiport technologies and systems for the efficient operation of UAM, a key transportation mode in future K-Smart City.

Host-Organizer | Korea Airports Corporation

Program |

 Interpretation

Time	Details		Speakers
15:00~15:05	Welcome Speech		Lee Jeongk (Korea Airports Corporation, Acting President)
	Congratulatory Speech		Oh Dokil (POSCO, Senior Vice President)
15:05~16:05	[Session1] UAM Vertiport Research and Development Status	The future of flight : networks and vehicles that make urban air mobility a reality	Eric Allison (JOBY Aviation, Chief Product Officer)
		Direction for the Vertiport Development	Jung Minchul (Korea Airports Corporation, Head of IAMOffice)
		Joint Industry Research on Innovating Steel Vertiport	Yi Jiwoon (POSCO, Senior Researcher)
16:05~16:15	Commemorative Photo & Networking		
16:15~16:50	[Session2] UAM and Vertiport Construction Technology	Presentation on International Vertiports	Mitchell Williams (Skyports, Korea Country Manager)
		Building Type Vertiport Application Plan for Complex Development Project	Koo Kiwoon (Hanwha Corporation E&C, Manager)
16:50~17:00	Networking		
17:00~18:00	[Session3] Vertiport Operation Technology	Firstco Vertiport Management System	Aaron Erwin (Firstco, Associate Director)
		UTM/UAM Vertiport Operation Systems	David Murphy (ANRA Technologies, Head of Product Management)
		K-UAM Digital Vertiport Operation System	Yu Keumsik (Korea Airports Corporation, Deputy General Manager)

Activating K-Smart City's Global Cooperation

K-City Network Dissemination seminar

Date | 9.4(Wed.), 10:00 – 11:35

Venue | Room 211

K-City Network Dissemination seminar

In celebration of the 5th anniversary of the MOLIT's K-City Network program, a performance report of the projects to date will be presented to interested companies

Host | Ministry of Land, Infrastructure and Transport (MOLIT) /
Organizer | Korea Overseas Infrastructure & UrbanDevelopmentCorporation

Program |

시간	내용		연사
10:00~10:05	Opening and Introduction of Attendees		Moderator: KIND
10:05~10:10	Welcoming Remarks		Greetings: Deputy Minister-Territorial and Urban Development Office
10:10~10:15	Opening remarks		Bruno Pezzuto (City of Verona, Director of Mobility & Traffic Department)
10:15~10:20	Commemorative Photo Session		
10:20~10:30	Congratulatory video from representatives of overseas partner organizations		Representatives of overseas partner organizations (video) (2 countries)
10:30~10:50	Performance Report	Performance Report on the Planning Project (KIND)	Presentation: KIND
		Performance Report on the Demonstration Project (KAIA)	Presentation: KAIA
10:50~11:35	Presentation of Best Practices	Feasibility Study for Clark Smart City in the Philippines	Presentation: KIND Urban/Property Development Department
		Demonstration of Smart Street Lighting in Madiun City, Indonesia	Presentation: Youngho Baik (Head of Headquarters, Ecorant Co., Ltd.)
		Demonstration of Integrated Smart City Platform Services in Banyumas City, Indonesia	Presentation: Jusang Lee (Vice President, ESE Co., Ltd.)

Extension of Sustainable Space Model

The 29th Smart WaterfrontCity Conference

Date | 9.4(Wed.), 10:30~12:30

Venue | World Stage

The Cutting-edge Approaches to Smart City

Discussion of smart city technology and direction through analysis of urban structure and world smart city cases for sustainable smart city development

Host-Organizer | K-water

Program |

 Interpretation

Time	Details	Speakers
10:30~10:35	Forum Overview and Introduction of Guests	
10:35~10:40	Opening Remarks	Park Se-hun (Vice president of City Business Division, Korea Water Resources Corporation(K-water))
10:40~11:00	Megacities & Platform Empires	Chun Eui-young (Professor, Kyonggi University)
11:00~11:20	Implementation of Smart Cities through the Integration of Advanced Science and Technology with Eco-friendly Urban Structures	Han Jeong-hoon (Professor, University of New South Wales)
11:20~11:40	The Future of Smart Cities through Mobility	Lee Jae-yong (Executive Vice President, Hyundai Motor Group's Smart City Promotion Office)
11:40~12:00	Formgiving – Sustainable Urban/Architectural Design	Lee Jin-ho (Architect, BIG (Bjarke Ingels Group))
12:00~12:05	Prepare for Discussion	
12:05~12:28	Discussion and Q&A	- Session Chairman: Kwon Young-sang (Professor, Seoul National University) - Panelists: Yang Jung-won (General Director of Waterfornt Utilization Business Department, Korea Water Resources Corporation(K-water)) Cho Hyun-tae (Head of Division, Jeil Engineering) Kim Tae-hyung (Director of Smartcity Transportation Research center, Korea Transport Institute (KOTI)) Yoon Two-one (Deputy Minister, Planning and Coordination)
12:28~12:30	Summary of Discussions and Closing Remarks	

Challenges of Activating Smart Buildings

Date | 9.4(Wed.), 10:30~12:30

Venue | Room 212+213

Challenges of Activating Smart Buildings

Discuss policies and challenges related to the activation of buildings in connection with the public-private joint Smart+Building Alliance, which is being promoted by the Ministry of Land, Infrastructure, and Transport to enable the operation of advanced technology services in buildings

Host | Institute of Smart City & Architecture /
Organizer | SungKyunkwan University, Architecture&Urban Research Institute

Program |

Time	Details	Speakers
10:30~10:35	Opening Speech	Donyun Kim (SUNG KYUN KWAN University, Professor of Architecture and Urban Design Director)
10:35~10:40	Congratulatory Address	Youngkeun Han (Korean Institute of Architects, President)
10:40~11:00	Keynote Speech	Seongwoo Nam (Architecture & Urban Research Institute, Head of Smart Architecture & Urban Research Center)
11:00~11:20	Presenter 1. - Smart Town Platform : for a better community life in future cities	Narae Lee (Institute for Sustainable Cities, Director / Founder)
11:20~11:40	Presenter 2. - Busan EDC Smart Village <DATA, SPACE AND LIFE>	Jongjun Lee (SAMOO Architects & Engineers, Senior architect)
11:40~11:45	Prepare for Discussion	
11:45~12:15	Discussion	Session Chairman Inhee Kim (The Seoul Institute, The Director of the Headquarter) Panelist Younghyun Kim (Architecture & Urban Research Institute, Head of Architectural Policy Research Group) Junhyung Kim (Myongji University, Professor) Changsup Lee (LG CNS, Director) Jungmann Choi (Passive House Institute of Korea, Chairman) Keonggu Hong (Dankook University, Professor) Emcee Younghoon Kim (Heerim Architects and Planners, Executive, Vice President)
12:15~12:30	Q&A - Free Opinion	

Activating K-Smart City's
Global Cooperation

2024 Global Smart City Leadership Forum

Date | 9.4(Wed.), 10:30~13:30

Venue | Green Stage

New Smart Building Technology for All Members of Society

New ways of smart infrastructure development to solve urban problems facing cities and joint cooperation for sustainable development will be discussed

Host | Ministry of Land, Infrastructure and Transport, Ministry of Science and ICT /
Organizer | Seoul National University Gloval R&DB Center

Program |

 Interpretation

Time	Details		Speakers
10:00~10:30	Registration		
10:30~10:35	Opening Remarks		Dr. Junseok Hwang Director of Global R&DB Center, Seoul National University
10:35~10:40	Welcoming Remarks		Youngjung Yoon Urban Economy Division, Ministry of Land, Infrastructure and Transport
10:40~10:45	Congratulatory Remarks		Dr. Young-Oh Kim Dean of College of Engineering, Seoul National University
10:45~11:00	Photo Shot		
Panel Discussion Part 1 : New Ways of Smart Building			
11:00~11:05	Moderator		Dr. Junseok Hwang Director of Global R&DB Center, Seoul National University
11:05~11:10	Panelists' Presentation	"Smart City Policy and Future for Seoul"	Mr. Byung Hyun Yang Director of Urban Space Strategy Division, Seoul Metropolitan Government
11:10~11:15		"Global Vision for Smart City and Future Education"	Dr. Junseok Hwang Director of Global R&DB Center, Seoul National University
11:15~11:20		"Smart Construction Technology 3DCP"	Mr. Jake Jinguik Kim Director of HISYS (3D Concrete Printing)
11:20~11:25		"Smart Construction Technology with Modular Building"	Dr. Sangmin Shin Senior Researcher of Department of Building Research, Modular Cluster, Korea Institute of Civil Engineering and Building Technology(KICT)
11:25~11:40	Panel Discussion		Byung Hyun Yang, Jake Jinguik Kim, Sangmin Shin, Hae-Bum Andrew Yun
11:40~11:50	Floor Discussion & Q&A		
11:50~12:20	Special Speech: Forging pathways: Innovative Solutions for Affordable Housing		Rev. Mary Downey CEO of Hope Partnership, Inc
Panel Discussion Part 2 : Smart Housing for All – Technology and Business Opportunities in Florida and Other Countries			
12:20~12:25	Moderator		Dr. Hae-Bum Andrew Yun Professor of Civil Environmental, and Construction Engineering, University of Central Florida
12:25~12:30	Panelists' Presentation	"Revitalizing Cities through Adaptive Reuse: Paving the Way for Smarter Urban Living in Florida"	Mr. Will Cooper COO of Hope Partnership
12:30~12:35		"Brief Overview of Affordable Housnig Crisis in USA"	Prof. Hae-Bum Andrew Yun Professor of Civil Environmental, and Construction Engineering, University of Central Florida
12:35~12:50	Panel Discussion		Byung Hyun Yang, Junseok Hwang, Jake Jinguik Kim, Sangmin Shin, Will Cooper
12:50~13:00	Floor Discussion & Q&A		
13:00~13:05	Closing Remarks		Dr. Hae-Bum Andrew Yun, Professor of Civil Environmental, and Construction Engineering, University of Central Florida Dr. Junseok Hwang, Director of Global R&DB Center, Seoul National University
13:05~13:30	Networking		

Establishment of AI Data-Centric Urban Infrastructure

COMPAS National Urban Data Analysis Competition

Date | 9.4(Wed.), 10:30~16:30

Venue | Room 210

Building Smart City Successfully by Resolving Data-Driven Urban Problems

Using COMPAS, a data analysis platform that has solved urban problems in local governments across the country based on data, which is the core of smart city innovation growth, the city data analysis competition will be held at international events to increase public interest in data analysis and to establish itself as a elegant data analysis event in Korea by providing a venue for promoting the level and capabilities of domestic data analysis abroad

Host-Organizer | Korea Land & Housing Corporation

Program |

 Interpretation

Time	Details	Speakers
10:30~10:40	Opening	
10:40~10:45	Keynote	Park dongsun (Korea Land & Housing Corporation(LH), Vice President of the National Land & Urban Division)
10:45~10:50	Overview of the analysis competition, Information on the progress of the data analysis event	
10:50~11:40	Presentation & Evaluation	2 teams
11:40~13:00	Lunch Break	
13:00~14:15	Presentation & Evaluation	3 teams
14:15~14:35	Break	
14:35~15:50	Presentation & Evaluation	3 teams
15:50~16:00	Break	Evaluation Aggregation
16:00~16:30	Awards Ceremony, Group Photography, Wrap-up Talk and Networking	Evaluators & LH

Establishment of AI Data-Centric Urban Infrastructure

The 9th Smart City National Local Government Council

Date | 9.4(Wed.), 13:30~16:30

Venue | Room 212+213

Providing a venue for sharing business results and communication by local governments for the development of domestic smart cities

Promote strengthening cooperation between national local governments for smart city innovative growth

Host | Ministry of Land, Infrastructure and Transportation(MOLIT) / Organizer | Korea Agency for Infrastructure Technology Advancement

Program |

Time	Details	Speakers
13:30~13:32	Opening	
13:32~13:37	Opening Speech	Chairman of local gov. council
13:37~13:40	Welcome remarks	MOLIT
13:40~13:45	Photo time and cleaning up	
13:45~14:05	Review of Smart city development project(Regional bases / Small cities)	Smart City Association
14:05~14:15	Introduction of project management plan for efficient construction of smart city development project	ITSKorea
14:15~14:35	The future of a smart city inclusive of digital and AI	Haeinsa Monastic College
14:35~15:05	Regional extinction crisis!! Roles and tasks for regional resilience	University of Seoul
15:05~15:15	Introduction of customized weather and climate convergence technology for smart cities	Korea Meteorological Administration
15:15~16:15	Introduction of smart city innovative solutions	4 Companies
16:15~16:30	Business Networking	

Establishment of AI Data-Centric Urban Infrastructure

SmartCity Initiative Symposium

Date | 9.4(Wed.), 14:00~16:00

Venue | World Stage

Technologies to make the future of smart city

While we have discussed macro aspects such as ‘urban spatial structure’ and ‘digital transformation’ in the past, this year we will focus on ‘technology’ as a concrete means to realize these concepts

Host | Ministry of Land, Infrastructure and Transport(MOLIT) / Organizer | Korea Agency for Infrastructure Technology Advancement(KAIA)

Program |

 Interpretation

Time	Details		Speakers
14:00~14:10	Opening	Guidance	Announcer
		Opening Address	Park Seungki (Korea Agency for Infrastructure Technology Advancement, President)
		Congratulatory Address	Lee Sangjoo (Land and Urban Planning Bureau, Ministry of Land, Infrastructure, and Transport, Director)
14:10~14:25	Keynote Presentation 1	‘Korea of Space’	Yoo Hyunjoon [Hongik University, College of Architecture & Urban Planning, Professor]
14:25~14:40	Keynote Presentation 2	‘Improve City Operations with Generative AI’	Concepcion Diaz [Head of Google AI Training]
14:40~14:55	Topic Presentation 1	‘Generative AI in Smart City Spatial Analysis: Unveiling MapAI’	Han Hoon [University of New South Wales (UNSW), School of City Planning, Professor]
14:55~15:10	Topic Presentation 2	‘Superblock Barcelona’	Janet SANZ Cid [Former Deputy Mayor of Barcelona for Ecology, Urban Planning and Mobility]
15:10~15:25	Topic Presentation 3	‘Decarbonizing Building Stocks in Cities - Technologies, AI, and Advanced Modeling’	Tianzhen Hong [Lawrence Berkeley National Laboratory, Building Technology and Urban Systems Division, Deputy for Research, Senior Scientist, PhD]
15:30~16:00	Panel Discussion and Q&A	Panel Discussion - ‘Smart City, Smart Strategies for a Better Future’ ① Social Trends of Smart City Technology ② Examples of the application of smart city technologies in urban spaces ③ Future Vision of Cities Through Smart Cities (Urban Policy, Quality of Life for Urban Residents, Urban Environment, etc)	Han, Hoon (School of Built Environment, UNSW, AU, Professor) Lee, Jae Yong (Head of Smart City Innovation Group, HYUNDAI MOTOR COMPANY SMART CITY SOLUTION DEVELOPMENT CELL) Lee, Jae Seung (Seoul National University, Graduate School of Environmental Studies, Associate Professor) Kim, Dan Yah (EWHA WOMANS UNIVERSITY, Architectural and Urban Systems Engineering, Assistant Professor) Lee, Mi Sung (EWHA WOMANS UNIVERSITY, Architectural and Urban Systems Engineering Postdoctoral Researcher)
16:00	Closing Address and Wrap-up		

Extension of Sustainable Space Model

Smart mobility, global trends and the efficient use of frequencies

Date | 9.4(Wed.), 14:30~16:30

Venue | Green Stage

The efficient use of smart mobility frequencies

Examine global trends in smart mobility, including UAM and C-ITS, which will become transportation methods for smart cities, and discuss how to optimize frequency use for these technologies.

Host | Ministry of Science and ICT / Organizer | Korea Radio Promotion Association

Program |

Time	Details	Speakers
13:00~14:00	Registration	
14:00~14:10	Conference information and speaker introduction	(Moderator) Ku Jay-il (Team Leader, RAPA)
14:10~14:35	Smart mobility frequency policy trends	Youngjun Nam (Ministry of Science and ICT, Director)
14:35~15:00	K-UAM Demonstration Project (Grand Challenge) Frequency Operation Status and Plans	Kyungryoon Oh (Korea Aerospace Research Institute, Prinsipal Researcher)
15:00~15:25	Domestic, International Technology Trend of C-ITS	Giyong Lee (korea Expressway Corporation, Senior Manager)
15:25~15:50	Prospects for Autonomous Driving Technology and The Mobility Industry	Jaekon Shin (Autonomous a2z, The Head of Business Division)
15:50~16:00	Closing	(Moderator) Ku Jay-il (Team Leader, RAPA)

* 20 minutes presentation, 5 minutes Q&A

Activating K-Smart City's Global Cooperation

Launching Ceremony of 2024 K-City Network Program -Smart City & Solution Planning Project-

Date | 9.5(Thu.), 11:00~12:00

Venue | Room 309

Launching Ceremony of 2024 K-City Network Program

Report on the Implementation Plan for the 'Smart City Development Plan in the Area Surrounding the Red River in Ha Nam Province, Vietnam' and Consultation with Foreign Governments.

Host | Ministry of Land, Infrastructure and Transport(MOLIT) / Organizer | Korea Overseas Infrastructure & Urban Development Corporation

Program |

Time	Details	Speakers
11:00~11:05	Opening and Introduction of Attendees	Moderator: KIND
11:05~11:10	Welcoming Remarks	Director General for Territorial Policy
11:10~11:15	Welcoming Remarks	Tran Xuan Dung (Deputy Secretary of District Party Committee; Vice Chairman of People's Committee)
11:15~11:45	Launching Ceremony : Vietnam Ha Nam Province project	Including Q&A Session
11:45~11:50	Commemorative Photo Session	

Establishment of AI Data-Centric Urban Infrastructure

“Smart City, Personal Information Protection Guidelines” Symposium

Date | 9.5(Thu.), 10:30~13:00

Venue | World Stage

“Smart City, Personal Information Protection Guidelines” Symposium

By providing guidelines for applying the privacy principles to the entire process of processing personal information in smart cities, the government, businesses, and the public form a public consensus so that a safe smart city can be established, contributing to creating a safe society from personal information damage

Host | Association Korean Journalists-National Assembly Digital Economy 3.0 Forum / Organizer | KSME

Program |

Time	Details	Speakers
11:00-11:03	(the chief of a seat) Introducing the Debater	Sogang University, Chae-Un Lim , Professor
11:03~11:28	(Keynote Speech) Smart City, Personal Information Protection Guidelines	Chung-Ang University, Gi-Hyeok Lee , Professor
11:28~11:43	(panel Speech) Personal Information Protection in Smart Cities	Personal Information Protection Commission, Nak-Joon Koh , New Technologies for Personal Information Division Division Director
11:43~11:58	(panel Speech) Diagnose issues in the process of collecting and processing personal information using artificial intelligence (AI) in smart cities	Lawfirm Joowon, Jin-Wook Kim , Attorney
11:58~12:13	(panel Speech) Seeking harmonious development between smart city promotion and personal information protection	Korea Development Bank., Jeong Lee , Industry and Technology Research Center General Manager
12:13~12:28	(panel Speech) Guidelines for the Protection of Personal Information in Smart Cities	Samkooinc Co. Ltd, Jong-Ho Lee , Privacy & Information Security Office CPO

Extension of Sustainable Space Model

Korean-German-ASEAN Smart City Forum

Date | 9.5(Thu.), 10:30~12:30

Venue | Green Stage

Sustainable Smart City Models: Smart Mobility & Climate Resilience

-Sharing the successful cases of sustainable city from South Korea, Germany, and ASEAN countries, and seeking cooperation strategies to address challenges faced by each country
 -Sharing the latest information with a focus on smart mobility and climate resilience cases, and strengthening cooperation among participating countries to discuss concrete measures for sustainable urban development and climate change response.

Host | Ministry of Land, Infrastructure and Transport, Goyang Special City / Organizer | Friedrich Naumann Foundation for Freedom, Goyang Industry Promotion Agency

Program |

 Interpretation

Time	Details	Speakers
10:30~10:35	(Welcoming Address)	Dong Kun Han (Goyang Industry Promotion Agency, CEO)
10:35~10:40	(Congratulatory Address)	Frederic Spohr (Friedrich Naumann Foundation for Freedom, Head of Korea Office)
Session 1: Innovative Mobility System		
10:40~11:00	Current Status of Sustainable Mobility and Smart City Case Studies Based on Digital Twin Data	Kuk Cho (LX Spatial Information Research Institute, Head of Mobility Infrastructure Group)
11:00~11:20	Revolutionizing Public Transportation for Indonesia's Net Zero 2060: Innovations, Policies, and Sustainable Solutions	Syafri Yuzal (Intelligent Transportation System of Indonesia, Vice President)
Session 2: Climate Resilience and Sustainable Urban Development		
11:20~11:40	German Climate Adaptation Policy: From National to Local	Anna Erbacher (adelphi, Consultant)
11:40~12:00	Sustainable Urban and Rural Development in Thailand	Dr.-Ing.Rattikarn Khambud (Department of Public Works and Town & Country Planning, Ministry of Interior, Thailand, Foreign Relations Officer)
12:00~12:30	(Panel Discussion)	(chairperson) Shinwon Park (Korea Land & Housing Research Institute, Senior Researcher) (panel) Joon Hyok Jo (Department of Urban Engineering, Gyeongsang National University, Professor) Saiful Adib bin Abdul Munaff (Malaysian Green Technology And Climate Change Corporation, COO) Truc Van Nguyen (Centre for Socioeconomic Simulation and Forecast of Ho Chi Minh City, Director) Kuk Cho (LX Spatial Information Research Institute, Head of Mobility Infrastructure Group) Syafri Yuzal (Intelligent Transportation System of Indonesia, Vice President) Anna Erbacher (adelphi, Consultant) Dr.-Ing.Rattikarn Khambud (Department of Public Works and Town & Country Planning, Ministry of Interior, Thailand, Foreign Relations Officer)
12:30~	(closing address)	

Activating K-Smart City's
Global Cooperation

Sustainable Smart City, Sustainable Cooperation Model

Date | 9.5(Thu.), 10:30~12:30

Venue | Room 210

Development Direction of National Pilot Cities through the Examination of Trends in Greenfield Smart City Initiatives in Asia

Presentations and discussions by experts from various fields on the Asia smart city trends and development directions for national pilot cities.

Host | Ministry of Land, Infrastructure and Transport (MOLIT) / Organizer | Smart City Association

Program |

 Interpretation

Time	Details	Speakers
Session 1: Global Smart City Trends		
10:30~10:35	Opening Remarks	Host
10:35~10:45	Presentation 1: Global Smart City Trends and Greenfield Innovations	Yonsei University, Jung Hoon Lee
10:45~10:55	Presentation 2. Case Studies from Smart City Initiatives in Japan	The University of Tokyo, Noboru Koshizuka
10:55~11:05	Presentation 3. Malaysia's Sustainable Cities Initiative Through Smart Partnership	MIGHT, Ts. Dr. Raslan Ahmad
11:05~11:15	Presentation 4. Grounded Innovation: Thailand's Citizen-Centric Approach to Practical and Sustainable Smart Cities	Digital Economy Promotion Agency (depa), Dr. Non Arkaraprasertkul
Session 2: National Smart City Model Diagnosis and Panel Discussion		
11:15~11:25	Presentation 5. Proposals for National Pilot City Smart City Operation Models Through Global Public-Private Partnership Case Studies	Seung Ha Lee Advanced Institute of Convergence Technology (AICT).
11:25~12:15	Discussion. National Smart City Development Direction	(Chair) Jung Hoon Lee (Panel) Noboru Koshizuka Ts. Dr. Raslan Ahmad Dr. Non Arkaraprasertkul Jaeyong Lee Hyundai Moter Company Kwangwoo Nam Professor of Kyung Sung University
12:15~12:20	Closing the Event	Host

Establishment of AI Data-Centric Urban Infrastructure

Citizen-led Smart City

Date | 9.5(Thu.), 10:30~12:30

Venue | Room 212+213

Citizen-led Smart City

Discussion on the Direction for Building Citizen-led Smart Cities

Host | The Korea Institute of Public Affairs /
Organizer | Center of Intelligent Society and Policy (CISP), Seoul National University

Program |

Time	Details	Speakers
10:30~10:45	Opening and Welcome Remarks	Dongwook Kim (CISP, Director)
10:35~10:55	Topic 1: Strategies for Advancing Korean Smart Cities and Associated Challenges	Dongwook Kim (CISP, Director)
10:55~11:25	Panel Discussion on Topic 1	Jeongwan Koh (Weflo, COO) Hyejin Cho (LX Korea Land and Geospatial InformatiX Corp., Senior Manager) Hankwang Cho (High-tech Safety Inspection Association, President)
11:25~11:45	Topic 2: UN DESA Digital City Assessment Presentation	Seok-Jin Eom (Seoul National University, Professor)
11:45~12:15	Panel Discussion on Topic 2	Choong-sik Chung (KyungSung University, Professor) Hyomin Choi (Seoul Digital Foundation, Senior Researcher) YoungSik Kim (United Nations University, Senior Associate Expert)
12:15~12:30	General Discussion	Chang-hak Choi (LX Korea Land and Geospatial InformatiX Corp., Former President)

Activating K-Smart City's
Global Cooperation

Interim Report of 2024 K-City Network Solution Demonstration Project

Date | 9.5(Thu.), 13:00~16:20

Venue | Room 211

Interim performance sharing session on global cooperation programs (4 Projects)

Discussion of current issues and collection of mutual opinions as the 2024 K-City Network demonstration project advances, consideration of future plans and follow-up projects.

Host | Ministry of Land, Infrastructure and Transport(MOLIT) /
Organizer | Korea Agency for Infrastructure Technology Advancement(KAIA)

Program |

Time	Details	Speakers
13:00~13:05	Opening	KAIA
13:05~13:10	Congratulatory Remarks	Jung WooJin (Director General for Urban Policy(MOLIT))
13:10~13:20	Commemorative photo of attendees	
13:20~14:00	(Presentation 1) Base Smart Mobility Sharing Service Demonstration Project(Cambodia Siem Reap)	Kim Ji Hyuk (COO of Smart City TF (BFLABS Co., Ltd))
14:00~14:40	(Presentation 2) Smart Disaster/Safety Management Service Demonstration Project(Philippines Puerto Princesa)	Lee Joo Sang (Senior Executive Vice President of Solution Business Dpt. (ESE Co., Ltd.))
14:40~14:55	Break time	
14:55~15:35	(Presentation 3) 3D Digital Transformation for Underground Spaces Using Smart Pin Solution Demonstration Project(Vietnam Hue)	Yoon Dae Hoon (CEO (Movements))
15:35~16:15	(Presentation 4) Digital Twin-based Smart City 3D Space Rights Solution Demonstration Project (Indonesia Jakarta)	Park Seo Woo (Director of Strategic Planning Dpt.(EGIS))
16:15~16:20	Closing	KAIA

Activating K-Smart City's Global Cooperation

ITS and Smart City Innovation Partnership for the Future

Date | 9.5(Thu.), 14:00~16:00

Venue | Green Stage

Building Collaborative Network for ITS and Smart Cities Innovation

Building a network through a MOU(ITS Korea-Smart City Association) and hosting an ITS and Smart City Technology seminar for technical exchange among member companies

Host/Organizer | ITS Korea / Sponsor | Smart City Association

Program |

Time	Details	Speakers
14:00~14:20	MOU Signing Ceremony(ITS Korea-Smart City Association)	
14:20~14:35	ITS Industry Trends and Transformation: The Role of ITS Korea	Mincheol Jung (ITS Korea, Head of Center for Business Management)
14:35~14:50	New Smart City Safety Network Service(City Safety Hub & Edge) and Smart City Association	Won Heo (Smart City Association, Director)
14:50~15:10	Korean government's supporting means for overseas smart city development and case studies	Ryan Kwangbok Lee (Korea Overseas Infrastructure & Urban Development Corporation (KIND), Director)
15:10~15:20	Government One-Stop Service for Addressing Export and Order Support Challenges	Hoyeol Kim (Ministry of Economy and Finance(MOEF) One-Stop Export-Order Support Group, Deputy Director)
15:20~15:40	Current Status of Smart City Initiatives and Development Strategies	Seongsik Kim (Korea Institute of Civil Engineering and Building Technology (KICT), Senior Research Fellow)
15:40~16:00	Promotion of ITS and Smart City's Overseas Business and Lessons Learned	Sangkeon Lee (Korea Research Institute for Human Settlements (KRIHS), Senior Research Fellow)

Extension of Sustainable Space Model

Dynamic spatial data for smart city implementation

Date | 9.5(Thu.), 14:00~16:00

Venue | Blue Stage

The lifecycle process of operating a sustainable spatial model

Introducing the most recent technological trends for virtualizing extensive spaces such as smart cities. Formulating strategies to effectively update rapidly evolving spatial information.

Host | E8IGHT

Program |

 Interpretation

Time	Details	Speakers
14:00~14:30	Smartphones as terrestrial scanners, PIX4Dcatch RTK	Matteo Gismondi (PIX4D, Senior Regional Manager APAC)
14:30~15:00	Introducing Trends in Geospatial Information Application for Smart Cities	TaeHoon KIM (Spatial Information Quality Management Service, Head of Spatial Information Quality Research Laboratory)
15:00~15:30	BIM for Smart City Digital Twin Services	Suyoung Ryu (E8IGHT, Managing Director)
15:30~16:00	Implementing spatial information through Unreal Engine digital twins	Dukho Jin (Epic Games Korea, Technical Account Manager)

Extension of Sustainable Space Model

Korea Hydrogen City Convergence Forum Conference

Date | 9.5(Thu.), 14:00~15:30

Venue | World Stage

The Present and Future of Hydrogen Cities: Hydrogen Pilot City Achievements

Share the key achievements of the three hydrogen pilot cities launched since 2020, and introduce examples of safe and convenient hydrogen city development.

Host | Ministry of Land, Infrastructure and Transportation(MOLIT) / Organizer | Korea Agency for Infrastructure Technology Advancement(KAIA)

Program |

 Interpretation

Time	Details	Speakers
14:00~14:10	Opening/Congratulatory Address	<p>Jung Woojin (Director General for Urban Policy of Ministry of Land, Infrastructure and Transport)</p> <p>Kwon Jinseob (Leader of Hydrogen Pilot City Group / Managing Director of Korea Agency for Infrastructure Technology Advancement)</p>
14:10~14:35	Ulsan Hydrogen Pilot City Project Achievements (Including Q&A)	<p>Lee Jongkyu (ULSAN METROPOLITANCITY CORPORATION, Team Leader of Energy Business Team)</p>
14:35~15:00	Jeonju-Wanju Hydrogen Pilot City Project Achievements (Including Q&A)	<p>Kim Youngkwon (JEONBUK TECHNOPARK, Energy Industry Promotion Group Director)</p>
15:00~15:25	Ansan Hydrogen Pilot City Project Achievements (Including Q&A)	<p>Paek Minsu (ANSAN URBAN DEVELOPMENT INCORPORATE, Director of Hydrogen Infrastructure Operation Center)</p>

Establishment of AI Data-Centric Urban Infrastructure

The 5th Smart City Human Resource Conference

Date | 9.5(Thu.), 14:00~16:30

Venue | Room 212+213

Smart City Human Resource Conference

Sharing the outcomes of the Program “ Innovative Talent Education Program for Smart City”

Host | Ministry of Land, Infrastructure and Transport /

Organizer | University of Seoul(UOS), Korea Agency for Infrastructure Technology Advancement(KAIA) /

Sponsor | Seoul National University, Sungkyunkwan University, Yonsei University, Pusan National University, KAIST

Program |

Time	Details	Speakers
14:00~14:05	Opening Speech	Kim, Sungjong (KAIA Industry Promotion Department, Senior Director)
14:05~14:10	Congratulatory Speech	MOLIT
Sharing the outcomes of the program “Innovative Talent Education Program for Smart City”		
14:10~15:10	Seoul National University's Innovative Talent Education Program for Smart City	Park, Yunmi (Seoul National University, Assistant Professor)
	University of Seoul - Achievements of Innovative Talent Education Program for Smart City	Hong, Jinhyun (University of Seoul, Associate Professor)
	Comprehensive Achievements of 6 Years for Innovative Talent Education Program for Smart City	Park, Seunghee (Sungkyunkwan University, Professor)
	Yonsei University - Innovative Talent Education Program for Smart City	Kang, Seungbeom (Yonsei University, Assistant Professor)
	Innovative Talent Education Program for Smart City at Pusan National University	Kim, Jihyun (Pusan National University, Professor)
	Final Achievements of Innovative Talent Education Program for Smart City at KAIST	Han, Tonghoon (KAIST, Associate Professor)
Presenting smart city ideas and research		
15:10~16:30	Starting a startup in interdisciplinary research	Shin, Wonhyeop (Seoul National University, Graduate student)
	Research on building a road obstacle detection model using explainable artificial intelligence	Lee, Yongryeong (University of Seoul, Graduate student)
	Development of a Generative AI-based Decision Support Model for the Maintenance of Aging Bridges	Cho, Mingeon (Sungkyunkwan University, Ph.D. Candidate)
	Growth as a smart city planner: Results and achievements through participation in Innovative Talent Education Program for Smart City	Gu, Hanmin (Yonsei University, Ph.D.Candidate)
	Regional skill evolution in US regional labor market: Implications for job polarization	Park, Jihan (Pusan National University, Graduate student)
	Digital technology and the future of smart cities: The characteristics of digitally accessible social places	Park, Chulwoong (KAIST, Graduate student)
16:30	Closing	

Activating K-Smart City's Global Cooperation

Smart City Asia Standards Forum 2024

Date | 9.5(Thu.), 14:00~16:00

Venue | Room 210

- 1. Smart City standards use cases and developments by country
- 2. Smart City Standardization Cooperation Item Discovery and Technology Trends

Revitalizing the smart city industry through joint development of international standards, cooperation, information sharing and networking among Asian countries

Host | Korean Agency for Technology and Standards(KATS) /

Organizer | Korean Standards Association(KSA), Korea Water Resources Corporation(K-water)

Program |

 Interpretation

Time	Details	Speakers
14:00~14:05	Welcome Remark and Round Call	chairperson
14:05~14:10	Greeting	Kyunghee Lee (KATS, Electrical, Electronics and Information Standards Division Director)
Session 1 Smart city standards use cases and developments by country		
14:10~14:20	Korea's Smart City Roadmap and Case Studies of Standard Utilization	Joosang Park (KATS, Standard coordinator)
14:20~14:35	Standardization of risk finance in ISO TC 268	Yoshiaki Ichikawa (Tama University, Prof.)
14:35~14:50	A Systematic Approach for Smart City Standards In China	Heng Qian (Qilu University of Technology, Director)
14:50~15:00	Guidelines and Case Studies in Smart Cities Development: Insights from MDB Projects	ALTANGEREL DAVAAJARGAL (Asian Development Bank, Deputy Project Coordinator)
15:00~15:10	Break time	
Session 2 Smart City Standardization Cooperation Item Discovery and Technology Trends		
15:10~15:25	Trends and Issues in International Standardization of Smart Cities	Youngjun Moon (KAIST, Prof.)
15:25~15:40	Pathways for Carbon-Neutral Cities: Good Practices and Indicators	Jiyeon Song (KEI, Research Specialist)
15:40~15:55	Current Status of the Smart Water City KPIs and Certification Pilot Project	Junghwan Lee (K-water, senior researcher)
15:55~16:00	Concluding Remark	chairperson