



Ministry of Land,  
Infrastructure and Transport

## **Implementing ‘Smart + Building’ to Enhance People’s Right for the Smart Happiness Promoted by Public & Private Sectors Together**

Released Date: 2 February 2023

Department in Charge: Architectural Policy Division, MOLIT

Contact: Annie KIM / Global Media Communicator / [audiis2@korea.kr](mailto:audiis2@korea.kr) / +82 44 201 3056

*Minister Won of the MOLIT presided the 'Inauguration Ceremony of Smart + Building Alliance' to draft the Vitalization Road Map, cooperated by private enterprises and professionals until the first half of this year, aiming to fulfill the 'Last-inch Service', which reaches inches' distance to customers even into the living spaces over the lobbies of buildings*

The Minister of Land, Infrastructure and Transport (MOLIT, Minister WON Hee-ryong) announced that 'Smart + Building Alliance' jointly participated by the public and private sectors was launched on 2 Feb. 2023 in order to create spatial environment as the platform for the citizen to experience the state of art service of the fourth industrial revolution in their ordinary lives.

\* (Date/Time/Venue) Thu. 2 Feb. 2023/ 14:00~15:20/ LG Science Park , Seoul, R.O.K.

\*\* (Participants) Hyundai Motor Company, LG Science Park, LG Space Research Institute, Naver Cloud, Samoo Architects & engineers, IGIS Asset Management, Coga-Robotics, Hyundai Elevator Co., Ltd., Vice Mayor of Seoul Metropolitan Government, Head of Mapo-

gu District Office, KBS, Architecture & Urban Research Institute, Korea Agency for Infrastructure Technology Advancement, Korea Industry for Robot Industry Advancement, LH, etc.

The ‘Smart + Building’ refers to a building equipped with space, structure, and facilities that can help smoothly function the technologies of fourth industrial revolution such as Urban Air Mobility (hereinafter ‘UAM’) and robots with flexibility and inclusiveness by proactively responding to demands in daily lives and changes of technology & service.

When the Smart + Building as a platform to carry out cutting-edge technology is successfully spread, it is expected that the convenience of people’s daily lives could be greatly improved through the ‘Last-Inch Service’, which is constantly provided inside and outside buildings.



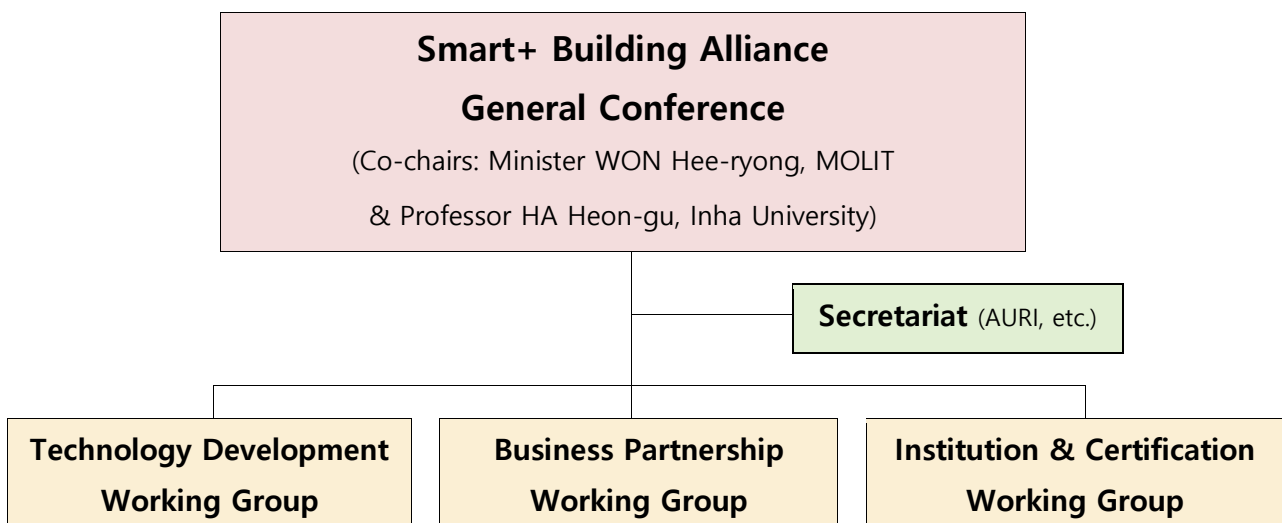
\* ‘Last-Mile Service’(Door to Door) refers to mobility & delivery services between ‘transfer & distribution centers’ and ‘roads in front of buildings’, while ‘Last-Inch Service’(Hand to Hand)

provides 'Seamless' services to connect every inner space of buildings with outside.

In addition, it is expected that the countermeasures capability against national disasters could be significantly improved when the Smart + Buildings are applied to public buildings first, with that police and firefighters would be able to approach more quickly to the disaster sites overcoming traffic congestions by using UAMs, or that broadcasting stations would be possible to carry rapid broadcasting on disasters utilizing various cutting-edge technologies.

The 'Smart+ Building Alliance' (hereinafter the 'Alliance'), which is launched this time, has put its aim to guarantee the people's right to pursue smart happiness and to strengthen the competitiveness of domestic companies in response to the task of the era with early commercialization of the technology from the 4<sup>th</sup> industrial revolution.

The co-chairs of the Alliance are assumed by Minister WON Hee-ryong and Professor HA Heon-gu of Inha University, and the Alliance is participated by academic professionals, the youth, related governmental offices and public institutions, as well as private entrepreneurs in various sectors, including robots, UAM, autonomous driving, IT, architecture, and business, etc.



Naver, Naver Labs, Naver Cloud, Neubility, Doosan Mobility Innovation, Morai, Solideo Systems, Studio Galilei, EVAR, SKT, Atech, LG Science Park, LG U+, LG Electronics, Autonomous A2Z, Sesame Lab, KT, Coga-Robotics, Conatus, Twinny, Hi Parking, POSCO A&C, Hanwha System, Hyundai Elevator, Hyundai Motor

Daol Finance Group, IGIS Asset Management, KT ESTATE, LG Space Research Institute, Woowabros, Socar, Samoo architects & Engineers, GS E&C, Daewoo E&C, Samsung C&T, Hanwha E&C, Hyundai E&C, Seoul Metropolitan Government, Seodaemun-gu Office, LH, KBS

Architecture & Urban Research Institute (AURI), Korea Agency for Infrastructure Technology Advancement, Korea Institute of Registered Architects, Smart City Association, Professor Kim, Han-soo of Sejong University, Professor Yoon, Seong-hoon of Cheongju University

The Alliance, consisted of three working groups, including Technology Development, Business Partnership, and Institution & Certification, will be discovering entrepreneurial requests on regulation reforms and incentives, as well as R&D projects for applying cutting-edge technologies to buildings through active meetings by each group for around 6 months to draft the Vitalization Road Map for ‘Smart + Building’.



Minister Won of the MOLIT expressed, “It is expected that Korean companies will be

able to create infinite added value in the future through the Smart + Building, a platform that applies various innovative technologies such as mobility and robots to daily lives.”, adding, “The government will spare no support for businesses, the youth, and private experts so that people can experience technologies of the 4<sup>th</sup> industrial revolution in their everyday lives and that Korean companies can strengthen global competitiveness.”.

