



## **Establishing Design Standards of UAM Vertiport Jointly with UAM Team Korea & Smart+ Building Alliance**

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*Held a workshop on the convergence of buildings and Vertiports to discuss how to build UAM infrastructure*

An opportunity for public-private cooperation has been opening to share research results on the establishment and development of Vertiports, which is the centerpiece of newly emerging urban air mobility (hereinafter referred to as ‘UAM’), and to discuss related future policy directions.

The Ministry of Land, Infrastructure and Transport (MOLIT, Minister PARK Sang-woo) held a workshop for the UAM Team Korea Infrastructure Subcommittee\* & Smart+ Building Alliance\*\* to discuss the field of UAM infrastructure development together with experts from the private sector on Thursday 22 February in Seoul Station.

\* Subcommittee for public-private and industry-academia practical cooperation to discuss Vertiport construction and development within UAM Team Korea (since May 2023)

\*\* Public-private consultative body discussing ways to apply UAM, robots, autonomous driving, etc. to architectural spaces (Since February 2023)

This workshop is expected to become a cornerstone of the development and



utilization of Vertiport, which companies are paying attention to as the core infrastructure of UAM, by the joining forces of the two representatives for the UAM and architecture fields.

Under the theme of “Creating a new base for UAM,” presentations were made on three agenda, including ① Current status of Vertiport-related laws and institutionalization, ② Draft of Vertiport design standards, and ③ Smart+ Building Roadmap, along with discussions on mutual development plans for domestic companies challenging new industries.

Vertiport design standards are expected to accelerate the business plans of participating companies as they are the results of joint researches of the UAM Team Korea (chaired by the Vice Minister for Transport, MOLIT) by preemptively presenting the standards needed to build Vertiport.

In order to install Vertiports using rooftops of existing buildings, strengthened collaboration system by sharing detailed implementation tasks of the Smart+ Building Policy, such as system improvement, R&D, and leading projects being promoted in the architectural field, with the UAM Team Korea participants has been planned.

Director General for Mobility and Motor Vehicles Bureau JEON Hyeong-pil, MOLIT, stated “As the convergence of buildings and Vertiports for the commercialization of UAM is essential, we will keep working hard to confirm design standards and expand the development of Vertiports through collaboration between the Smart+ Building Alliance and the UAM Team Korea”.