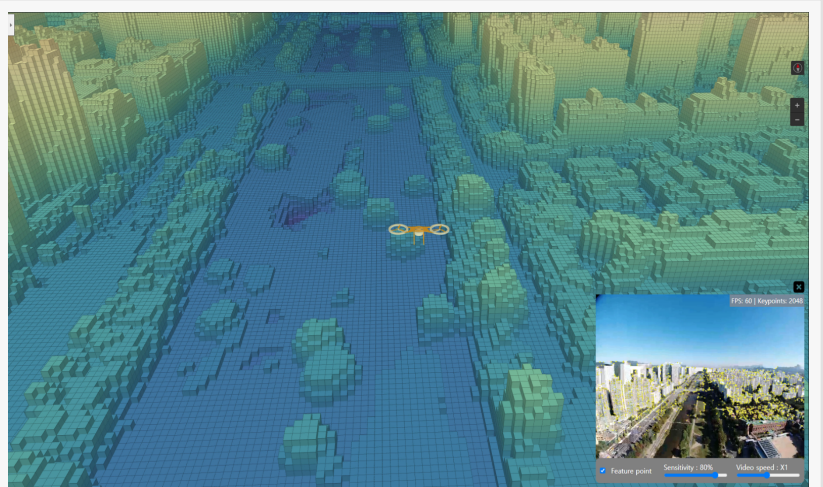


MintAir Opens New Highway in the Sky for Advanced Air Mobility (AAM) Flight Service

MintAir, Wemap, and Seongnam city Collaborate to Demonstrate 4D AAM Map

INCHEON, REPUBLIC OF KOREA, October 6, 2022 /EINPresswire.com/ -- [MintAir](https://www.einpresswire.com/) Co. LTD (“MintAir”), a Korean Advanced Air Mobility (AAM) service provider, has partnered with Wemap Co. (“Wemap”) and the City of Seongnam (“Seongnam”) to demonstrate a 4D AAM map, a core enabling technology for AAM flight route development and operation. Using a commercial drone, the demonstration flight was performed at the Housing Expo (Jutaekjeonsigwan) site in Seongnam on September 24th, 2022.



4D Map of Tancheon stream

“

Our mission is to develop the safest advanced air mobility service in both urban and regional routes and the demonstration of 4D AAM mapping is an important step forward to achieving this mission”

Eugene Choi, CEO, MintAir

The 4D AAM map was constructed by voxelizing urban buildings and airspace. The map provides a precise flying corridor for UAV and AAM routes, enables emergency route change, and prevents collusion with obstacles such as high-rise buildings. Furthermore, the map provides real-time updates of airspace information which is critical for the safe operation of remote piloted or autonomous flights.

“Our mission is to develop the safest advanced air mobility service in both urban and regional routes and the demonstration of the 4D AAM map solution is an

important step forward to achieving this mission,” said MintAir CEO and founder Eugene Choi. “We have successfully demonstrated a critical enabling technology for the safe operation of AAM service in urban routes.”

MintAir and Wemap developed and demonstrated this map solution to prepare for the K-UAM

Grand Challenge program organized by the Korean Ministry of Land, Infrastructure, and Transport. In May 2022, MintAir formed a consortium with Lotte Group and its subsidiaries -- Lotte Rental, Lotte Engineering & Construction, and Lotte Data Communication – and submitted a proposal to participate in the K-UAM Grand Challenge program.

This 4D AAM map will support passenger and cargo transportation via the proposed AAM hub in Seongnam, a satellite city in metropolitan Seoul. This hub will boast the ability to provide urban and regional air service directly from a major metropolitan population center to anywhere in Korea, including even the most remote destinations such as the Jeju and Ulleungdo islands.

This demonstration comes on the heels of MintAir's recent announcement about signing a letter of intent to add Electra.aero's nine-passenger eSTOL aircraft to its fleet to provide regional air service in the Korean market. MintAir also announced forming strategic partnerships with Jaunt Air Mobility and with Skyworks Aeronautics, adding their electric rotorcraft to its eVTOL fleet to provide urban air service in Korea.

About MintAir

MintAir is an Advanced Air Mobility (AAM) operator in South Korea. MintAir's approach is to facilitate an ecosystem of partners to accelerate the adoption of electric flights in Korea. MintAir partnered with Lotte Group and its subsidiaries forming a consortium to participate in the K-UAM grand challenge, a Korean government initiative to commercialize the AAM service by 2025. MintAir selects its fleet of electric aircraft based on four criteria: superior safety under power loss situations through gliding or autorotation, energy-saving lift efficiency, lower operating cost, and a clear path to certification via existing regulations. The company plans to launch an urban air service using electric rotorcraft and a regional air service utilizing electric short take-off and

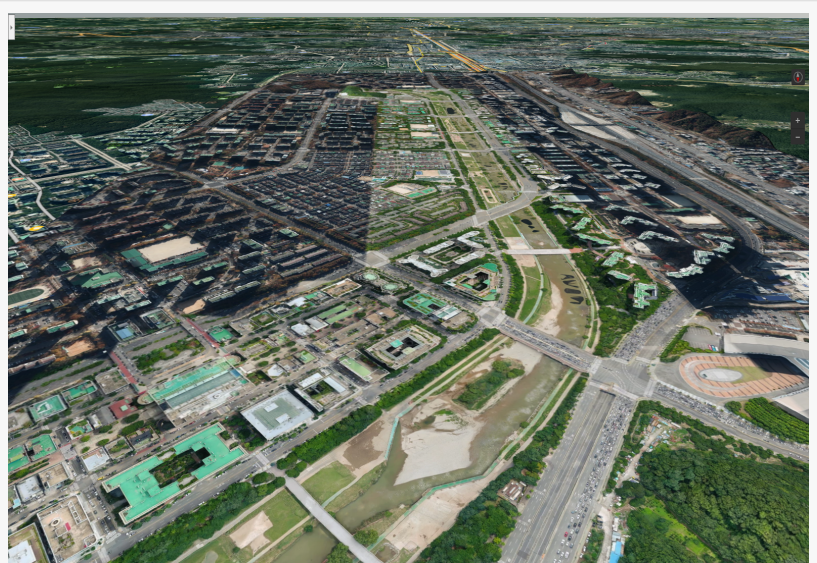
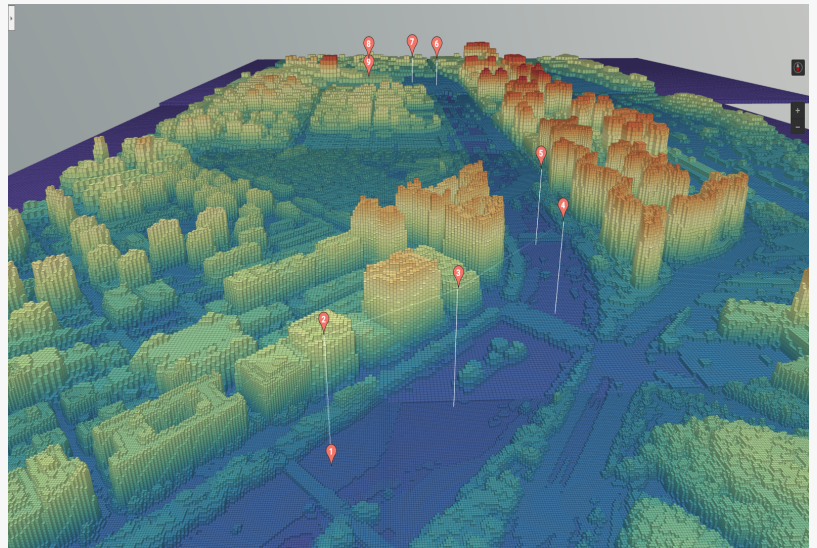


Photo of Seongnam



4D Map of Seongnam

landing vehicles in the Korean market.

Jongwon "JP" Park
MintAir Co. LTD
info@mintair.kr

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