By 2030, 60% of the world’s population will live in cities, which is 10% more than today.
AIR ADDS THE 3rd DIMENSION TO MOBILITY IN CITIES WHERE THE SKY IS NO MORE THE LIMIT
AIRBUS VEHICLE DEMONSTRATOR II
VAHANA - ONE SEATER TILT WING VTOL
SKYWAYS
Urban last-mile delivery solution
Airbus’ Skyways project aims to provide efficient, seamless delivery of small parcels to students and faculties via drones across the National University of Singapore’s campus.

Pilot Case A
Delivery of parcels on the National University of Singapore’s (NUS) campus through Skyways network.

1. The Skyways drone is an octocopter that carries air transport containers loaded on its underside.

2. The drone flies a fully automated route, landing on a designated landing pad.

3. Once landed, the drone is unloaded automatically.

4. End customers receive a delivery notification on their mobile phone to come pick up the parcel at the parcel station.

Pilot Case B
Delivery from parcel tower to ships. This use case will be explored upon successful completion of pilot case A.

Drones will operate simultaneously across the campus

Drones will operate using defined ‘aerial corridors’

Source: Airbus Group

Port of Singapore

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Humanoid Robot for Aircraft Manufacturing

- Design of first generation of dedicated humanoid robots for aircraft manufacturing
- Joint program between AIST – CNRS – AIRBUS