

The Foundations of an Industry: Infrastructure for AAM Present and Future



Vertiport infrastructure is a core enabler of the AAM ecosystem,
a huge market at the leading edge of decarbonizing aviation



Skyports is the sector leader with live projects and many more
ready to execute

Without infrastructure, there is no AAM industry

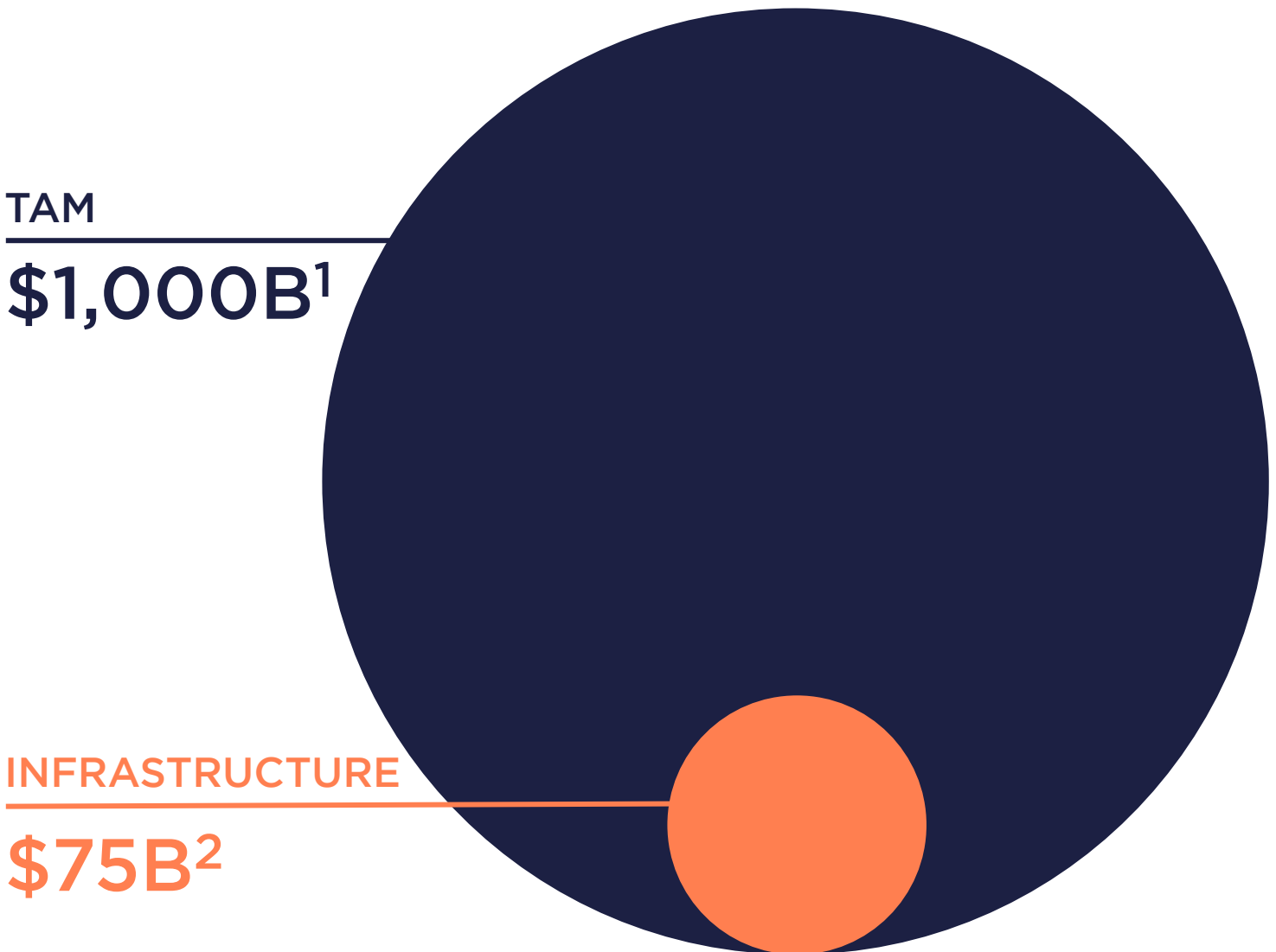


DEPARTURES: Skyports

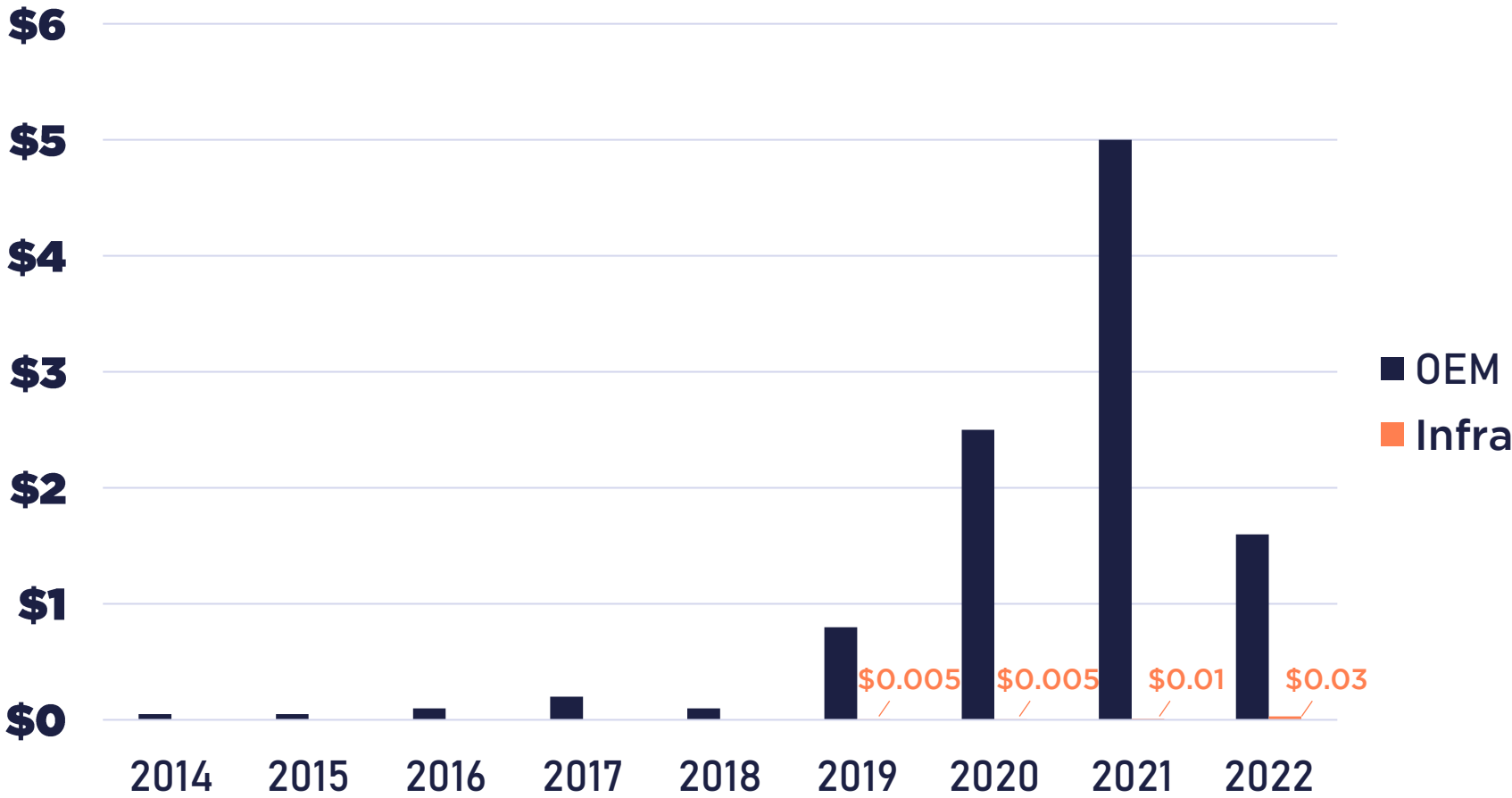
18:00	- PALM JUMEIRAH	G1
18:05	- DUBAI MARINA	G2
18:07	- DUBAI DOWNTOWN	G3

The market opportunity for infrastructure is \$75B, but investment has lagged aircraft investment 200 to 1

AAM market
2040 estimate



eVTOL investment
USD billions



Total OEM investment to date³

\$10.4B

Total infrastructure investment to date

\$0.05B

1 2021 Morgan Stanley report 2 A4A US Passenger Airline Cost Index 3 McKinsey Future Air Mobility estimates

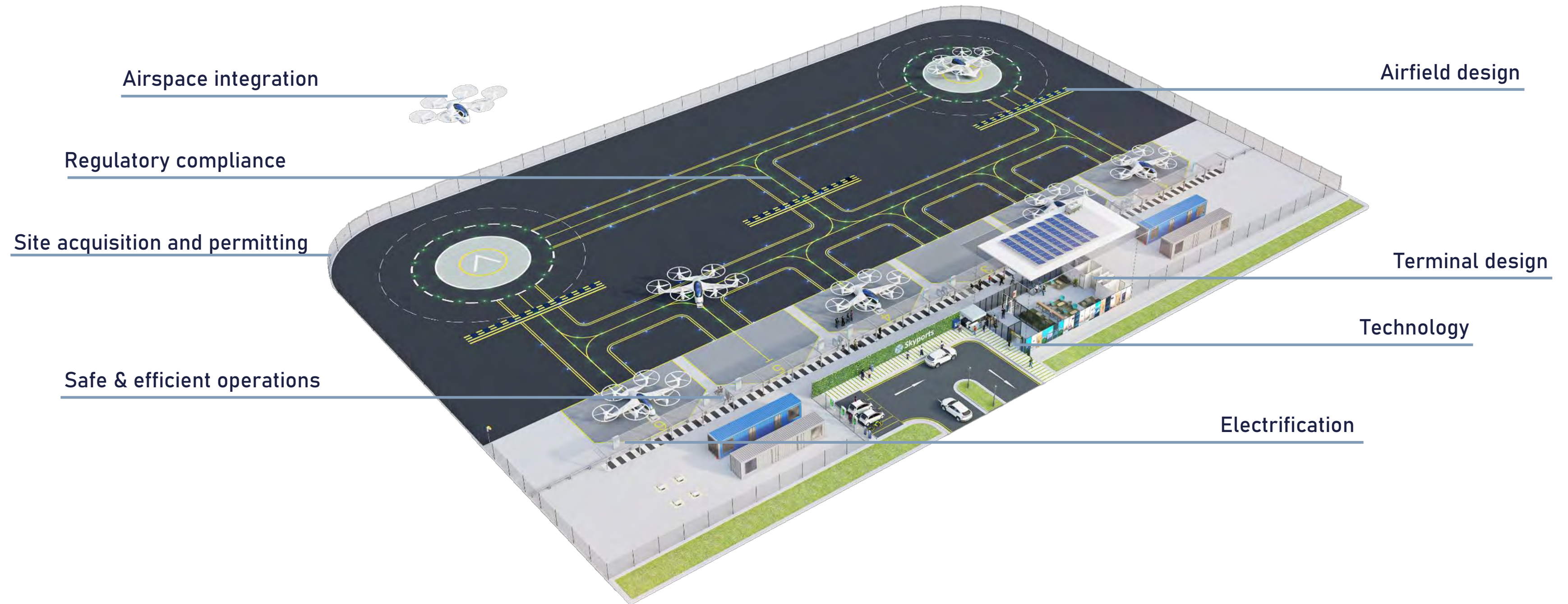
Locations secured in key launch markets





The first OEMs will complete aircraft certification in 2024.
Infrastructure development must begin now for market launch.

Skyports' team solves all infra challenges under one roof



The largest vertiport development team in the world

Trusted thought leaders for regulation



EASA Prototype Technical Design Specifications for Vertiports
Published 03/2022



FAA Engineering Brief 105: Vertiport Design
Published 09/2022



GCAA CAR-HVD Vertiports (Onshore)
Published 03/2023

From testbeds to commercial operations



2019 - SINGAPORE



2021 – SKYPORTS LONDON HELIPORT



Key node for future London
vertiport network

Live test environment for
technology and operations

Operational and commercial
experience

Relationships with operator and
government stakeholders

2022 - CALIFORNIA



2023 – PARIS



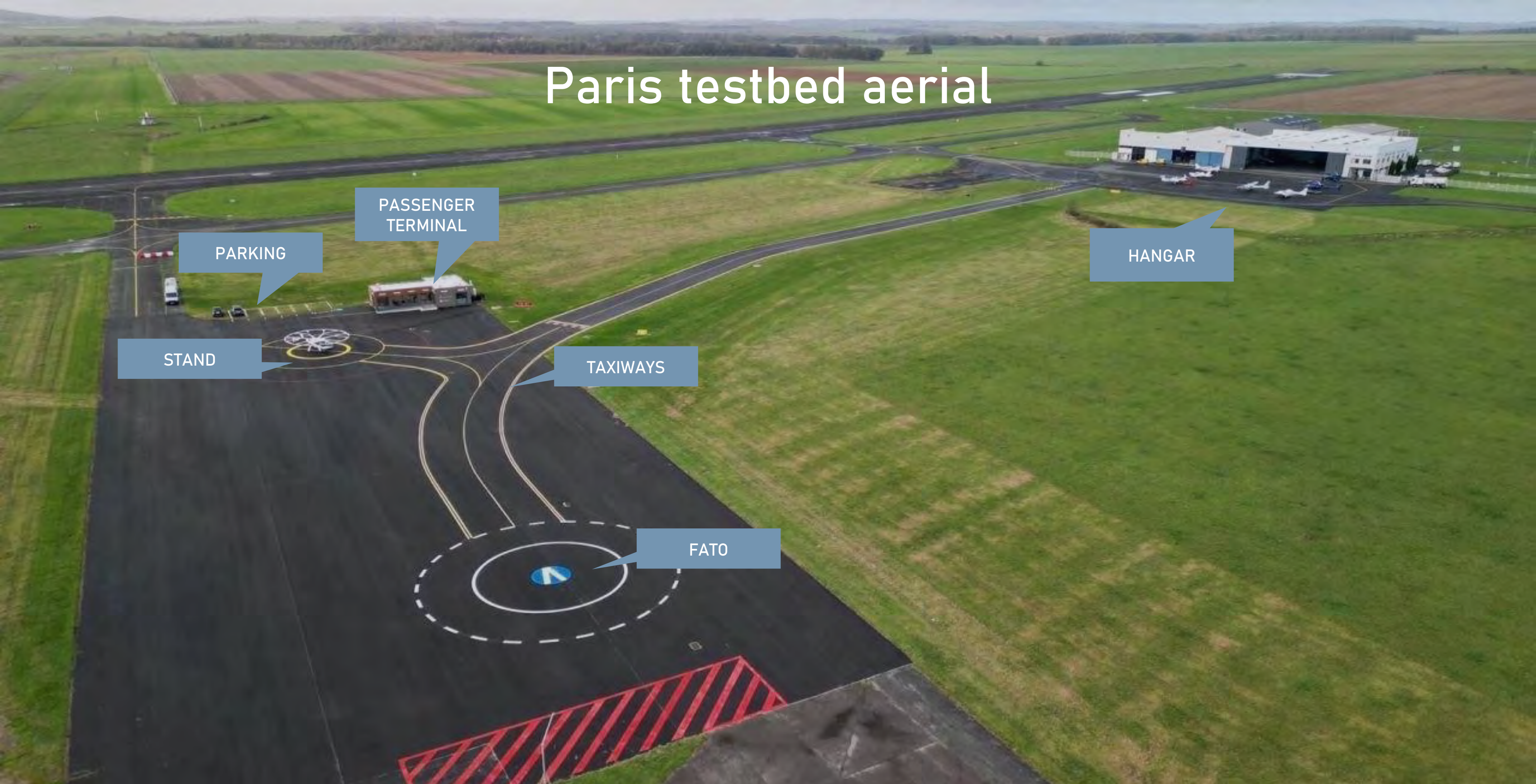
A vertiport testbed at
Parisian airport

Operational testing in live
airfield

Integration with multiple
eVTOL aircraft OEMs

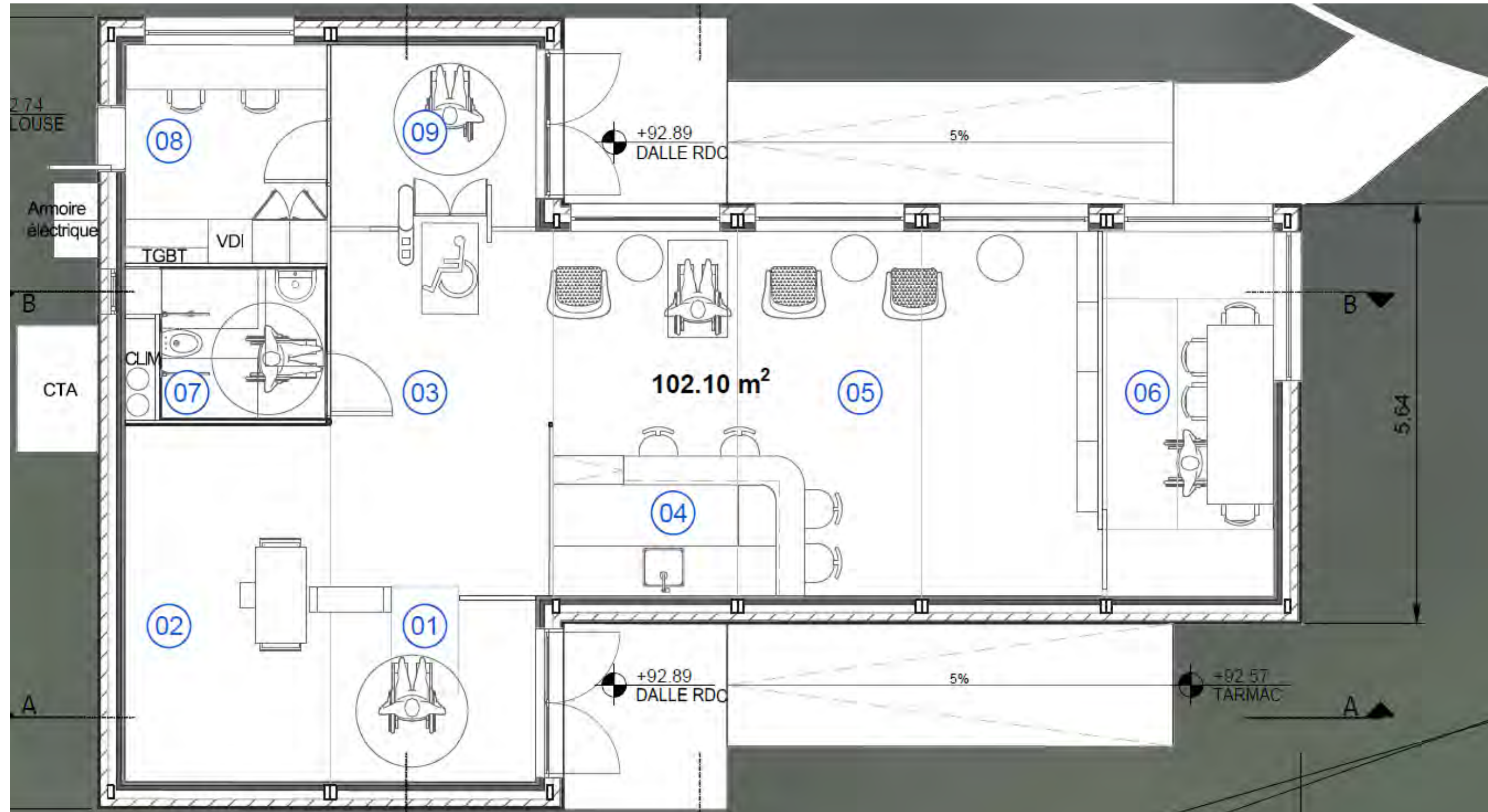
Showcases with regulators
and technology partners

Paris testbed aerial



Terminal layout

The terminal is designed to allow for testing of end-to-end passenger journey



- 01 Check-in (entrance to terminal)
- 02 Passenger and baggage security
- 03 Terminal lobby area
- 04 Bar / cafe
- 05 Waiting lounge
- 06 Meeting room
- 07 Sanitary facilities
- 08 Operations room
- 09 Gate (exit to airside)

Design principle – ‘zero-wait’

The ultimate goal is to reduce the time passengers spend in the vertiport to an absolute minimum

MINIMAL
in-terminal process



TECHNOLOGY
Deployed extensively



CONTACTLESS
Customer experience



Operations room and vertiport systems



CCTV

Weather


Situation
Awareness (SA)

Resource Management
and Scheduling System
(RMSS)

Noise Management



A person is seen from behind, wearing a dark jacket with a white logo on the back. The logo consists of a circle containing a stylized drone icon, followed by the word "Skyparts" in a white, sans-serif font. The person is looking out over a body of water under a cloudy sky at dusk or dawn. The sky is a mix of blue and white, with some clouds illuminated by a low sun. The water is dark and calm, reflecting the light from the sky. The horizon is visible in the distance, with some faint silhouettes of land or structures.

 Skyparts

Case study: Dubai



Key building blocks for a successful deployment of permanent operations in Dubai

✓
Government buy-in
and coordination

✓
Established
regulatory
framework

✓
A network of
feasible sites

✓
Robust business
case and demand

Planned partnership model in Dubai

Presentation at World Government Summit



Skyports' vertiport designs and plans received approval from His Highness Sheikh Mohammed bin Rashid al Maktoum at the World Government Summit 2023.

Three-way partnership



- Vertiport design
- Vertiport development
- Vertiport operations



- Site acquisition
- Multi-modal integration
- Regulatory oversight



- Aircraft production
- Aircraft operations
- Passenger journey

Making Dubai the first city with a fully-developed network of vertiports for permanent air taxi services by 2026.



Time savings per journey compared to other transport means



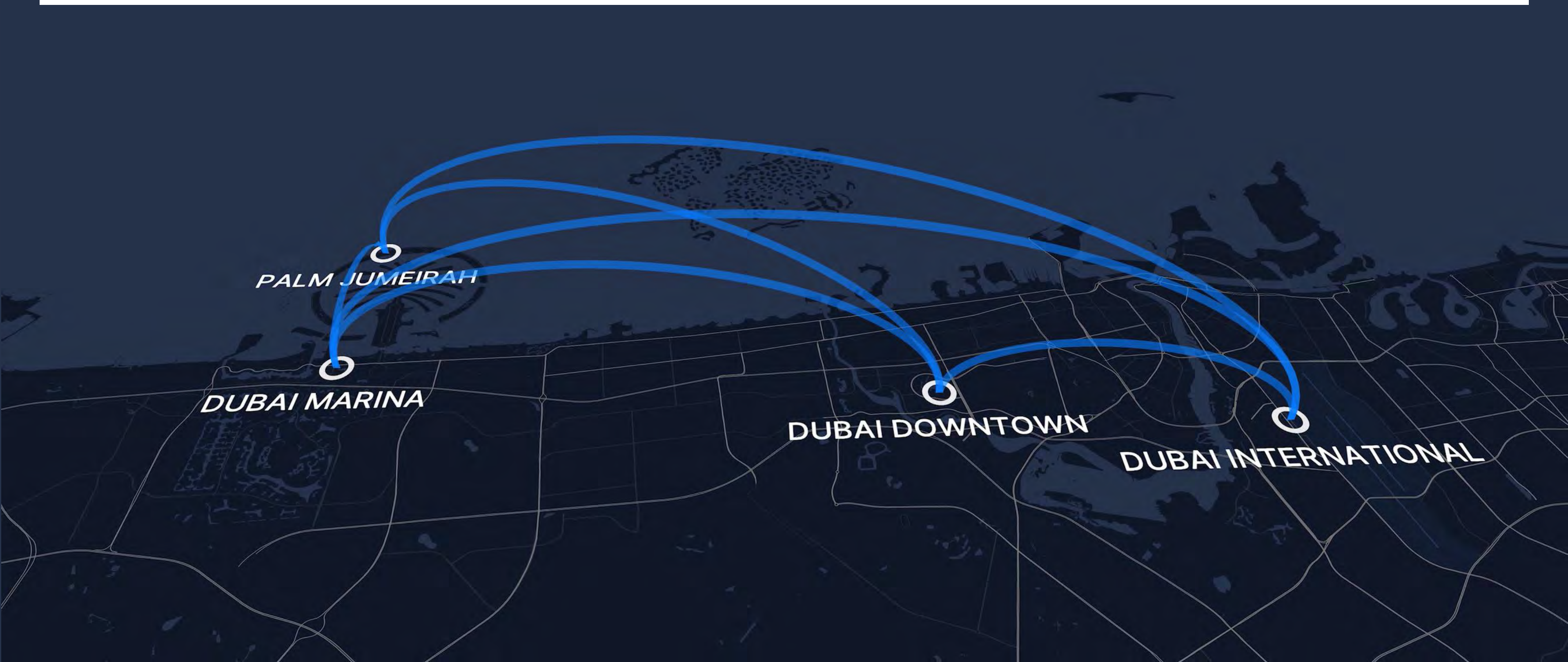
Zero CO₂ operational emissions



Reduced congestion on the ground



Greater connectivity on a local and regional level





DEPARTURES	
18:00	- PA
18:05	- DU
18:07	- DU

Thank you