

MOBILITY REIMAGINED



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UAM/AAM Ecosystem

Key Challenges and Opportunities



First Spin-off from Embraer-X

eVTOL and UATM projects incubated for four years within Embraer-X

Strategic Support from Embraer

Leveraging 50+ years of aviation experience and 30+ models certified

Addressing a Massive Global TAM

\$760B Urban Air Mobility market up to 2040 - 100k eVTOLs - 4B passengers

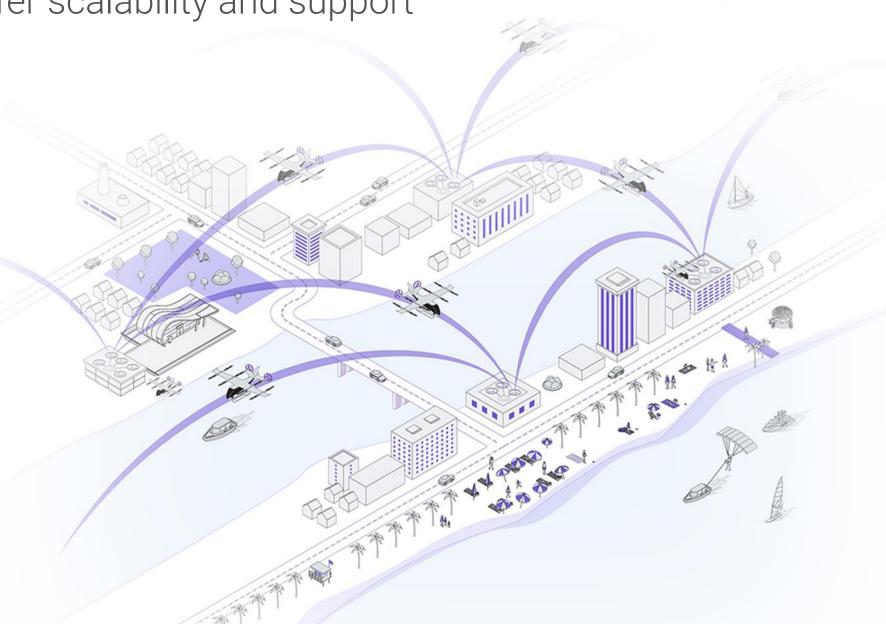
Enabling AAM ecosystem by developing product and solutions that offer scalability and support

eVTOL Development

UAM Services

Operations Solutions

UATM





Lift + Cruise design

Tailored for urban mobility

High utilization rate

Unmatched cost efficiency

Community-friendly





The Largest and Most Diversified Backlog in the Industry

Letters of Intent for up to Output EVTOL AIRCRAFT

Strong partnership network

A JAPAN AIRLINES

3 BLADE

WIDERØEZER•

* AVANTTO





THE HELIPASS

(K) Kenya Airways



Building Blocks for **Enhanced Maturity**

Software & flight controls



Flight Simulator

Vehicle concept



Wind **Tunnel**



Proof of Concept (POC)

Parts & components



Rigs

















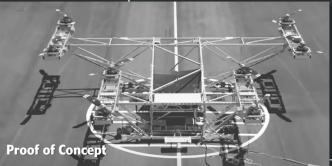












Eve's Global UAM Ecosystem Initiatives

for agnostic, integrated and equitable UAM ecosystem



Australia UATM CONOPs

Developed and tested UATM CONOPS for airspace integration with Australia's ANSP



Miami UAM CONOPs

Understanding Passenger Experiences and eVTOL User Journeys to prepare for **UAM** implementation



Rio CONOPs & Simulation

Simulating passenger services and operational ecosystem in airport shuttle



Japan CONOPs

traffic management systems



regulatory barriers to airspace integration



Chicago CONOPs & Simulation

Simulating passenger services and operational ecosystem in commuting







Stakeholders: 14 institutions

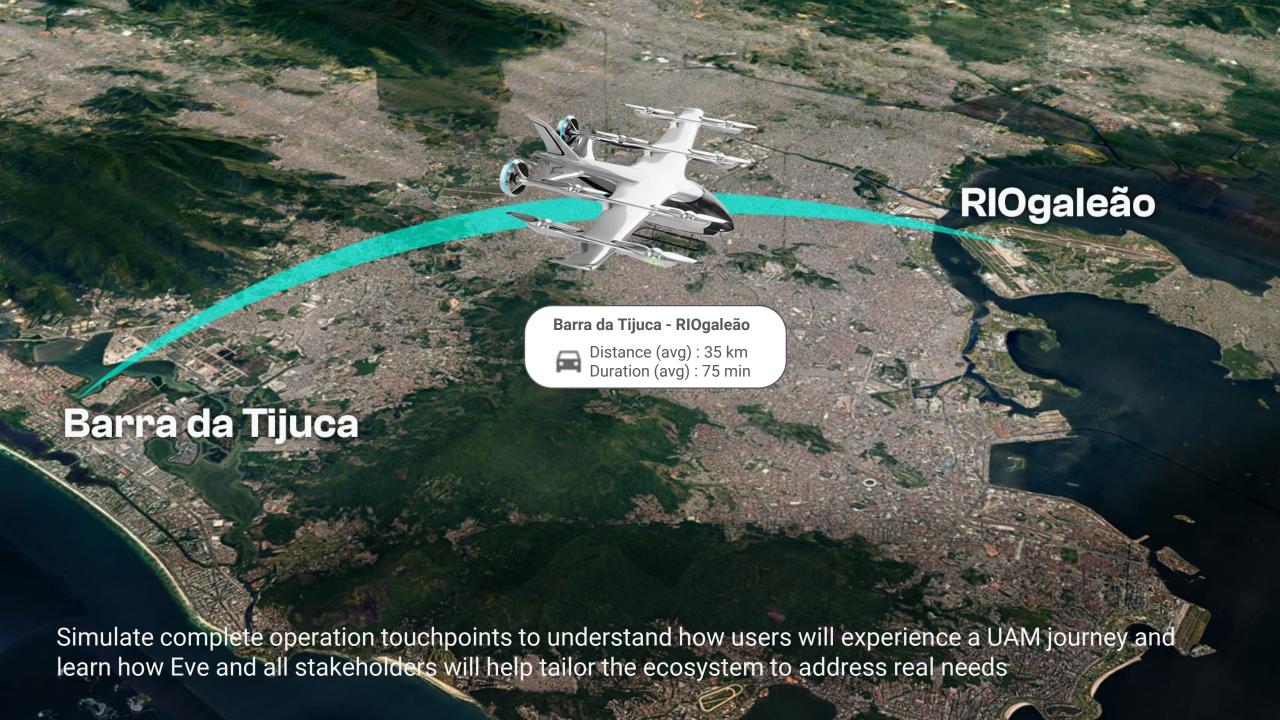
Team: +50 attendees

Journeys Scope: Passenger, Vehicle, Operations & Support

Develop a
Preliminary
ConOps for a
UAM Ecosystem

Engage Community about UAM Collect and structure data and refine ConOps for UAM Ecosystem

Real case results and feedback







245 eVTOLs





37 Vertiports



ບໍ່ນີ້ 4.5M Annual Passengers



\$220M Annual Revenue



\$23B Total Revenue (2026-2035) for Rio de Janeiro



NEW JOB OPPORTUNITIES

As UAM surges forward, the industry will create over 6000 blue- and white-collar jobs and unlock training opportunities in a green industry.



GREEN INVESTMENT

Electric UAM growth will also attract investment in green infrastructure. Between 2020-40, \$318 B will be spent in infrastructure investments globally.



NEW & DIVERSIFIED REVENUE STREAM

Taxes and fees from UAM operations could generate a new and diversified revenue stream for RIO DE JANEIRO. This will reduce city's reliance on tourism as a source of revenue.



ZERO-EMISSION TRANSPORT

Electric UAM flights have the potential to slow the growth of traffic congestion, complement transit systems and accelerate the decarbonizaton of RIO DE JANEIRO.



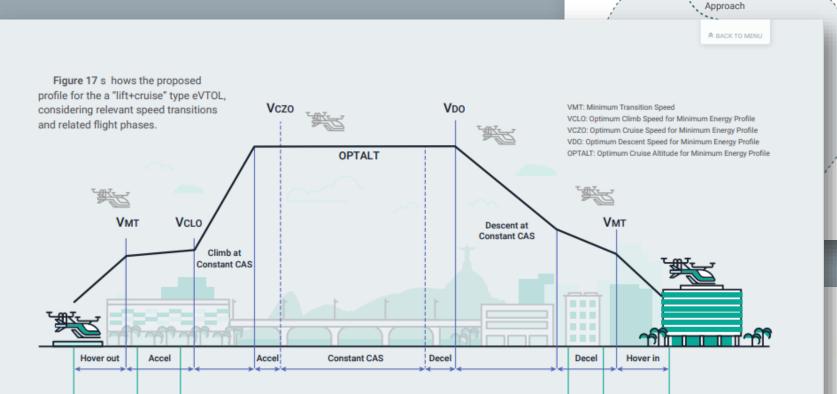
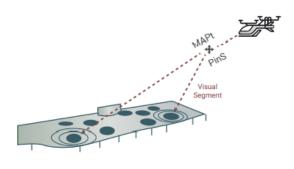


Figure 17: Optimum Flight Profile for "Lift+Cruise" vehicle operations

Pushers Lifters

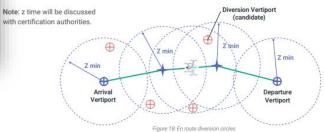
Lifters

off



CURRENT RESERVE POLICY	PROPOSED RESERVE POLICY
No diversion vertiport defined in case of emergency or abnormal situation en route	Pre-defined diversion vertiport in case of emergency or abnormal situation en route
Suitable alternate is selected in flight for unplanned scenario at destination or en-route	Suitable alternate pre-defined during dispatch phase. Vertiport spot availability and meteorological conditions are considered.
Reserve time of 20 minutes	Reserve time sufficient to reach the selected suitable alternate fror a certain point defined in the route (egual or less than 20 minutes)

Table 2: Comparison between current and new operational reserve policies



Missed

Lifters

on

Pushers

46 | PHASE 1: UAM ecosystem concept of operations for RIO DE JANEIRO



Conclusion Challenges Opportunities

Thank you

