



Ciber e Futuro: como as inovações tecnológicas estão impactando nossa visão sobre a segurança



Introdução & Missão



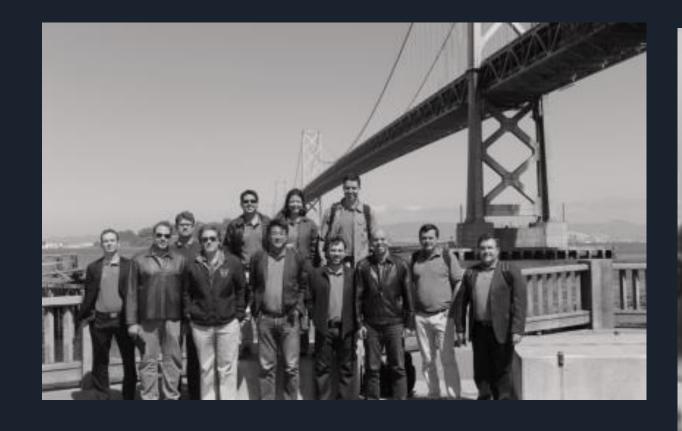
CENÁRIO
COMO O VALE DO SILÍCIO
SE TORNOU UMA
VIZINHANÇA DE US\$2.8
TRILHÕES?







CAPÍTULO UM





2016

EMBRAER VISITA O VALE DO SILÍCIO







ARESPOSTA







O mundo muda rapidamente.

Inovações e tecnologias entram nas nossas vidas todos os dias, elevando nossas expectativas sobre o que é possivel.





A resposta 2017

Nossa aceleradora de mercado.

Embraer-X é criada para liderar o
mundo na interseção de inovação
disruptiva, autonomia e mobilidade
urbana.





Space Coast Headquarters
276 SW 34th St, Fort Lauderdale
FL 33315, EUA



São José dos Campos Office Av. Brg. Faria Lima 2170, São José dos Campos - SP 12227-901, BR



TU Delft Innovation Center Office Kluyverweg 1,12th floor. 2629 HS Delft, NL



Três projetos nasceram

2017

Sky: Veículo e-Vtol

UATM: Gerenciamento de tráfego

Beacon: Solução Digital para

Manutenção.

2020

Eve spin-off

Sky e UATM se juntaram para dar origem à empresa Eve.





2022

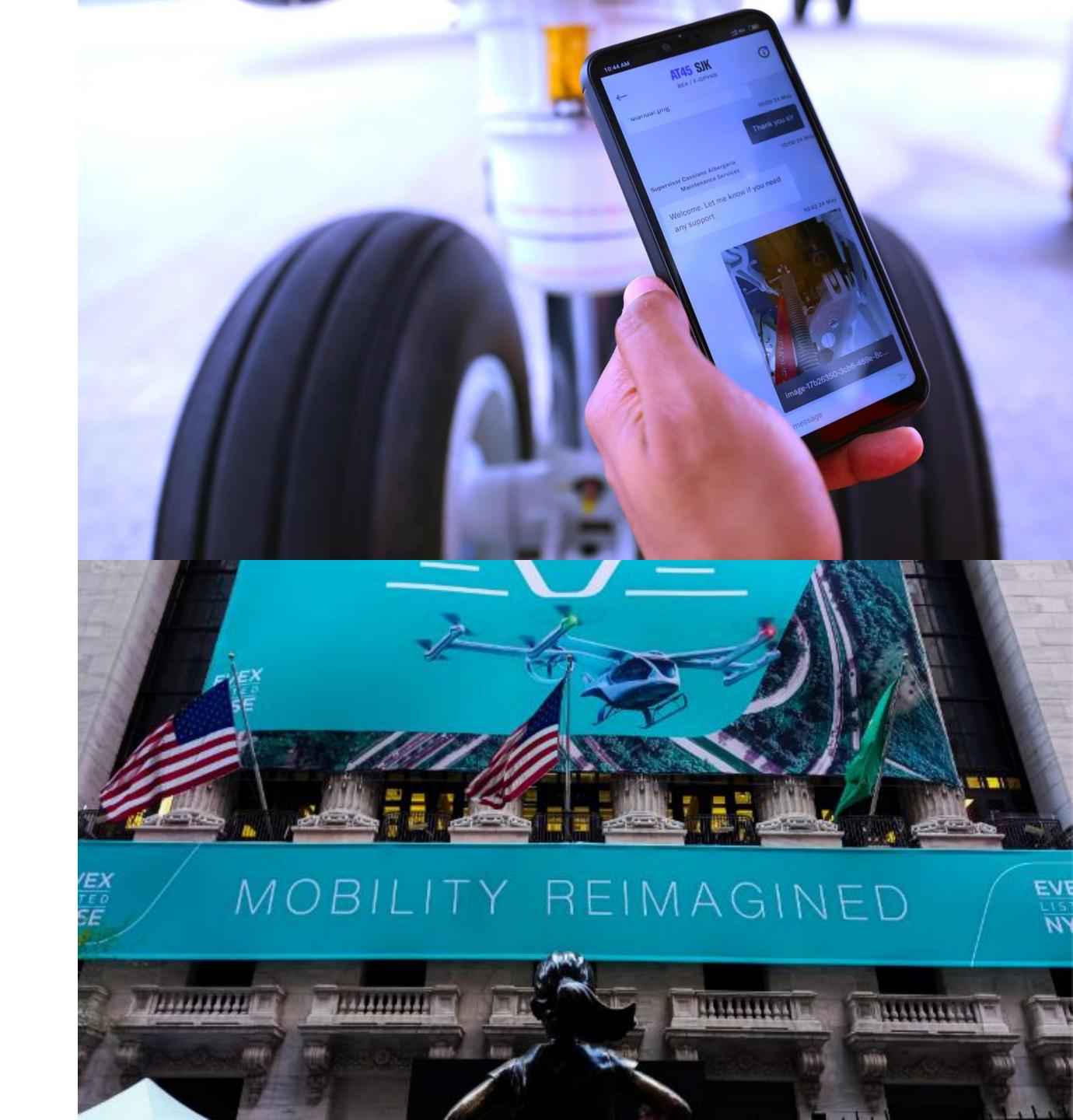
Beacon Leap Stage

1,600 clientes ativos190 aeroportos2,800+ aeronaves80,000 casos

Eve é listada em NYSE

2022

Eve é listada em NYSE por meio da Combinação de Negócios com a Zanite Acquisition Corp.

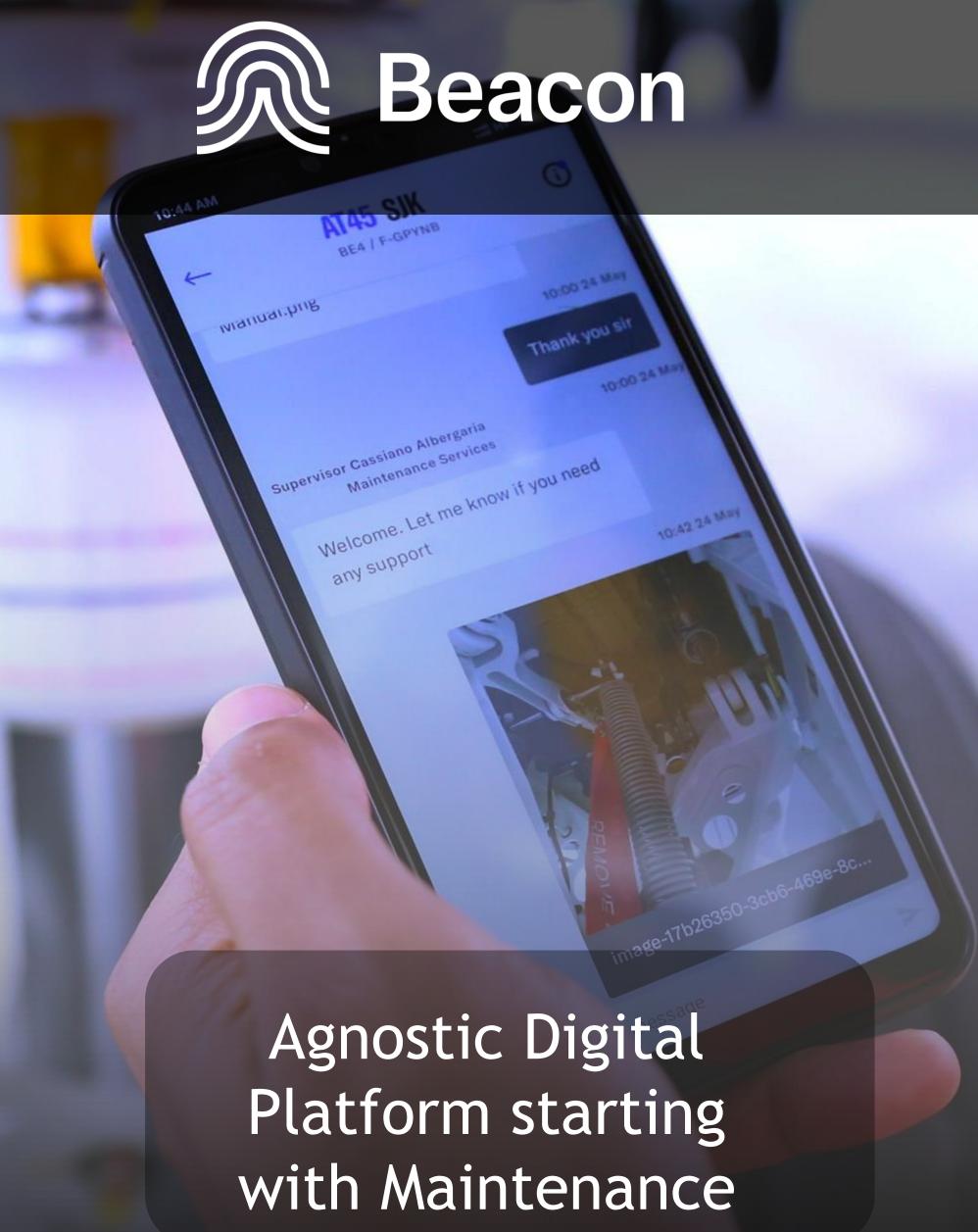














Urban Air Mobility Demand



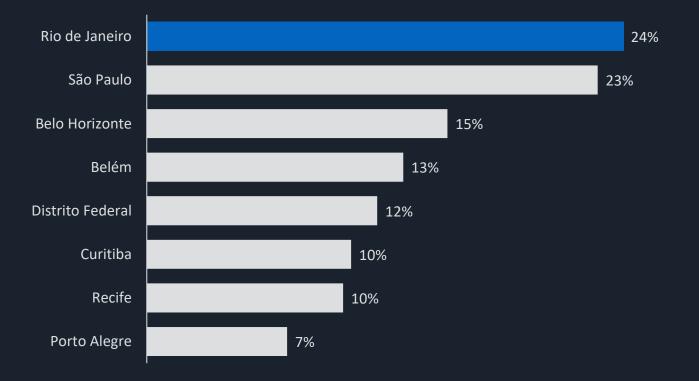


RIO ranked #2 on INRIX's
Annual Scoreboard (2019) –
Most Congested Cities
Worldwide

190 hours lost in rush hours in one year

R\$ 267B Annual losses due to traffic congestion

SHARE OF COMMUTERS SPENDING MORE THAN 1 HOUR



Sources: Eve Air Mobility, IBGE, INRIX (2020), FIRJAM (2014), IPEA, Quanta Consultoria

UAM MARKET

by 2035 we forecast

970 operating eVTOLS in the 5 top cities (São Paulo, Rio, Brasilia, BH, Curitiba)

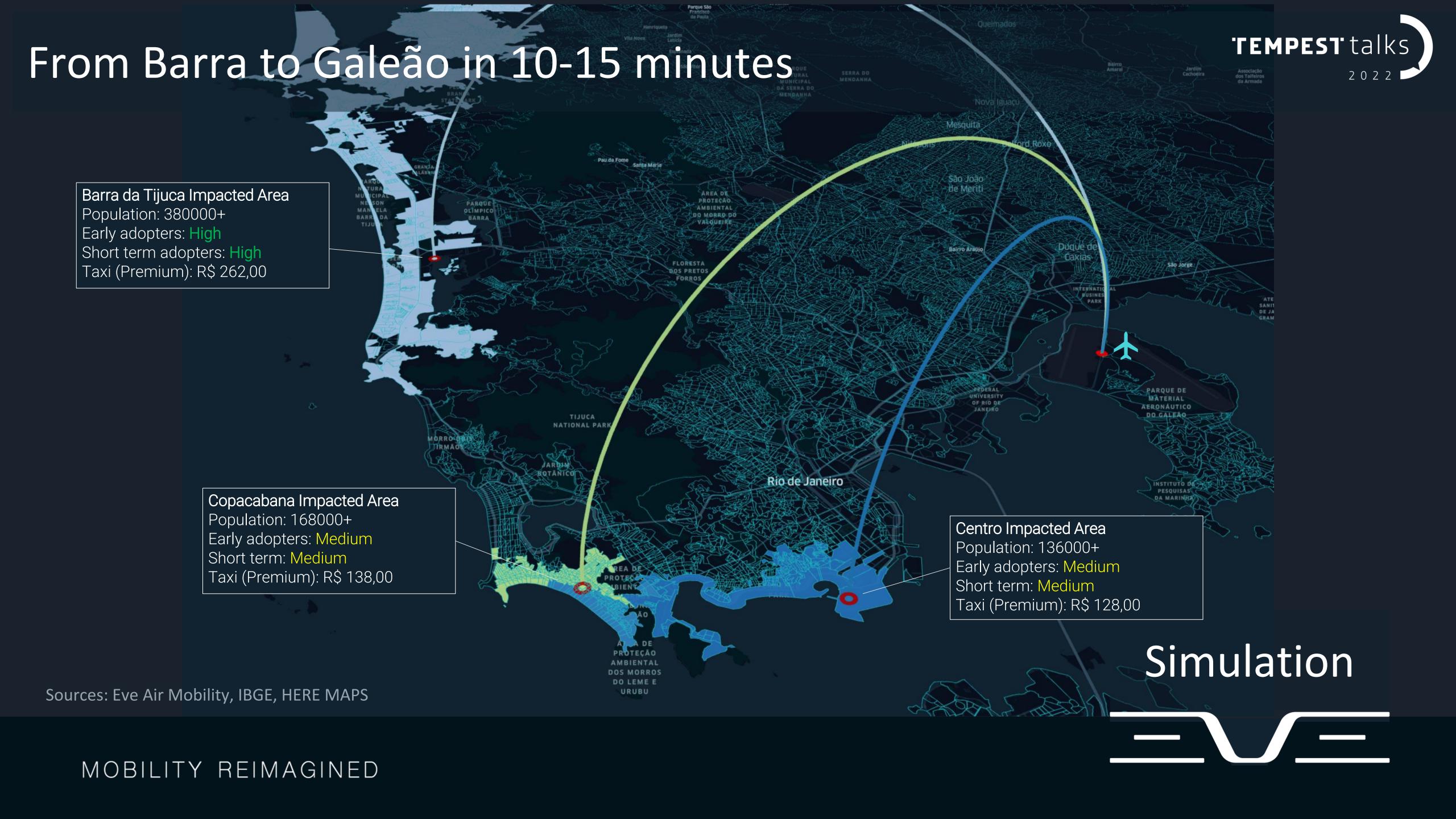
performing over

15,000 flights per day

transporting over

16M passengers per year







Highly Scalable UAM Solution





EVTOL DESIGN AND PRODUCTION

Practical design choice drives lowest operational cost and simplest certification path



SERVICE AND SUPPORT

Leveraging Embraer global footprint to enable a sizable and profitable revenue stream



FLEET OPERATIONS

Capital efficient strategy of aligning with operators and scaling partner-by-partner



URBAN AIR TRAFFIC MANAGEMENT

Applying the knowledge from designing Brazil's ATC system to enable safe eVTOL flights

Vehicle Design Optimized for Urban Mobility





Lift + Cruise Design

Most practical design choice for efficiency and certifiability

Community Friendly

Approximately **90%** lower noise footprint compared to equivalent helicopters ⁽⁴⁾

Note: Expected vehicle performance metrics are based on preliminary models, simulations and proof of concepts ("PoCs"). Actual performance characteristics are subject to validation and change.
(1) Eve expects autonomous operations to commence around 2030.













Building a global partner ecosystem























Lessors

AZORRA



Technology





THALES

Defense

BAE SYSTEMS

Financing / Development





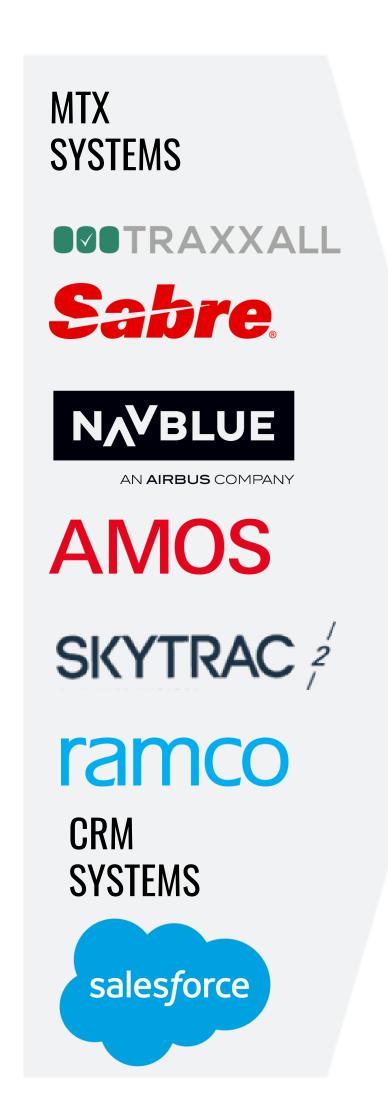


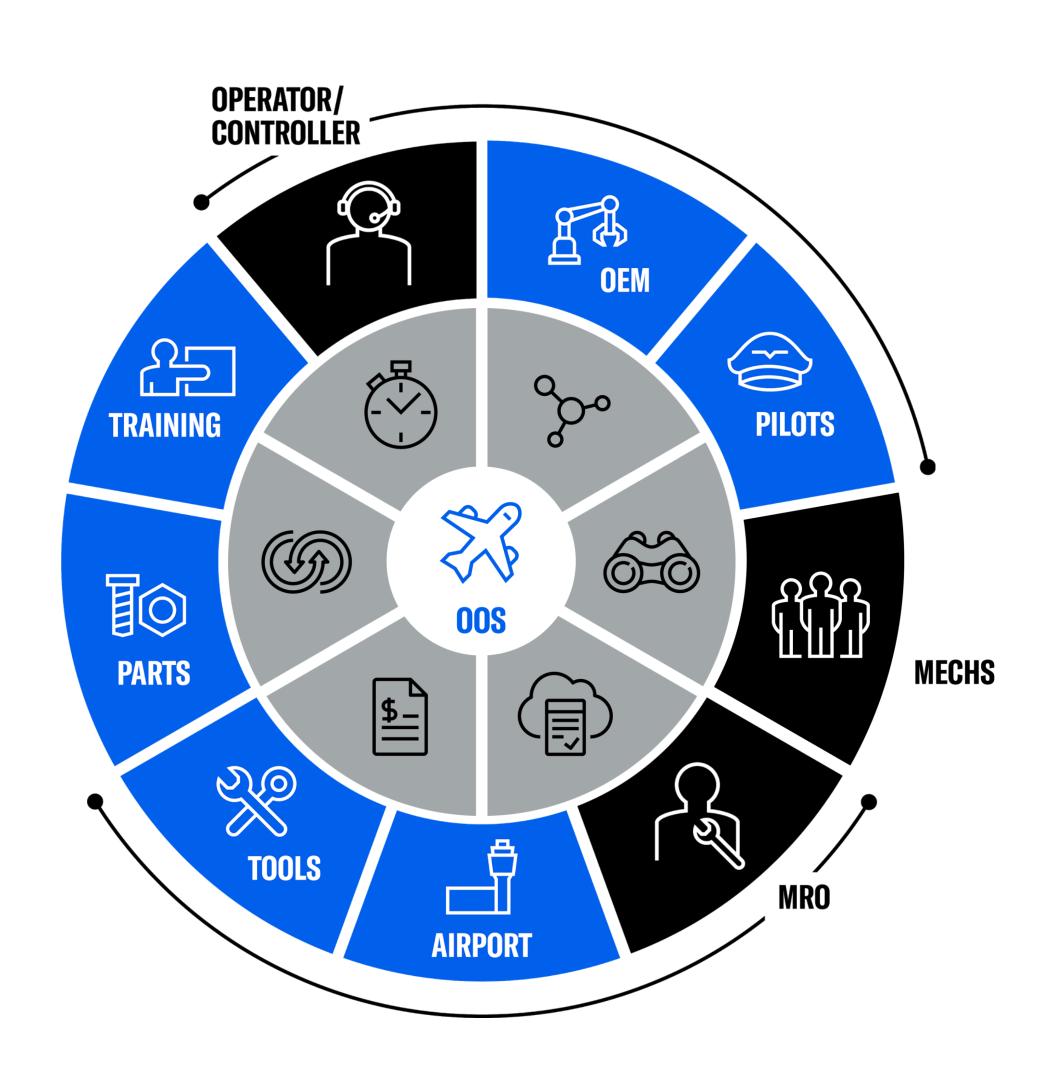
A NEW ERA OF
FASTER & SMARTER
RETURN-TO-SERVICE

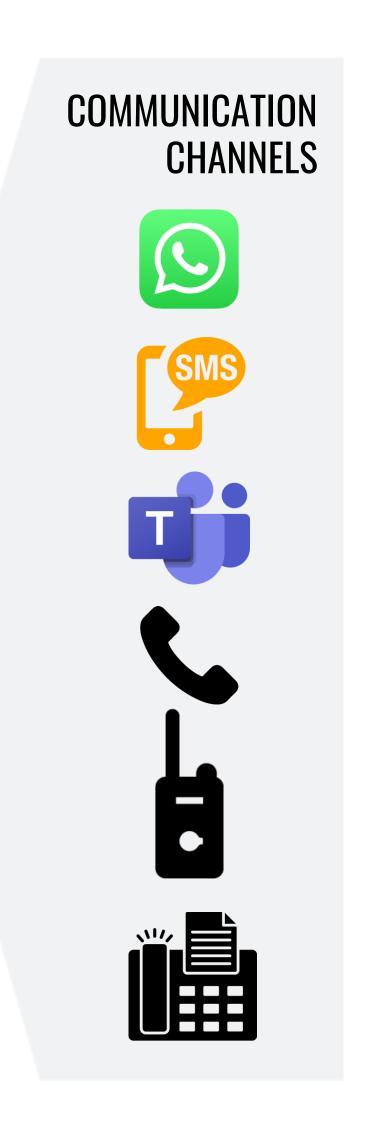


TURNING INEFFICIENCIES INTO PROFIT











A PROVEN CONCEPT AND GROWING COMMUNITY

800+ users 190+ airports 90K+ cases 2K+ airplanes





EMBRAER INNOVATION VERTICALS

ZERO EMISSIONS

AUTONOMOUS FLIGHT

AI & DATA SCIENCE

INDUSTRY 4.0

AIRFRAME COMPETITIVENESS

CYBERSECURITY

PASSENGER EXPERIENCE

PLATFORM BASED BUSINESS







Daniel Moczydlower CEO Embraer-X VP Inovação & Digital, Embraer