

A large aircraft, possibly a military transport plane, is silhouetted against a bright orange and yellow sunset sky. The plane is positioned on a runway, and its wings and tail are clearly visible. The overall mood is dramatic and high-tech.

# EVE AIR MOBILITY

NOVEMBER 2024

EVE

EVE

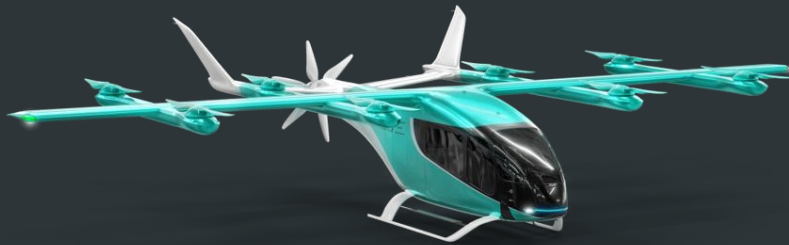


Eve Air Mobility Unveils First Full-Scale eVTOL Prototype

# EVE AT A GLANCE



## eVTOL



Design, develop and certify an eVTOL

Aircraft tailored for Urban Air Mobility

Distributed electric propulsion – high safety

**30** customers

## TECHCARE (CUSTOMER SERVICES)



Full portfolio of services and support solutions for Eve and other eVTOL OEMs

Provide UAM solutions for flight operation, optimize eVTOL performance and support infrastructure availability and efficiency

**15** customers

## VECTOR (UATM)



Next-generation Urban Air Traffic Management (UATM) to reliably and safely support the higher density operations of innovative vehicles for urban air mobility

**23** customers & partners

# EVE A LEADER IN URBAN AIR MOBILITY

Aerospace expertise with full access to Embraer's Intellectual Property (IP)



Specialized manufacturing & engineering capabilities at attractive costs



Proven track record to design, certify, deliver and service aircraft



Parallel certifications in Brazil and the United States



Full suite of Products & Services for UAM (eVTOL, TechCare & Vector)



Robust design (Lift + Cruise): lower operating cost, higher dispatchability, and clearer path to certification



Experienced suppliers with long-term contracts



Largest and most diversified backlog in the industry



Strong liquidity position (3.0x expected annual cash consumption)



# EVE & EMBRAER PARTNERSHIP

**Embraer – Global Aviation Leader**

**Urban Air Mobility is a major growth opportunity for Embraer**

**Embraer holds 83% of Eve's equity**

## **Strategic Support**

Leveraging 55 years of aviation experience; 30+ models certified over the last 25 years

## **Access to World-Class Capabilities**

Royalty-Free IP; ~1,600 engineers; infrastructure and cost-competitive production capabilities; competitive labor and engineering costs under a 15-year agreement at transfer cost

## **Worldwide Support Network**

Broad customer support infrastructure:  
80+ countries; 10+ Embraer service centers;  
60+ third-party service centers; 20+ warehouses;  
70+ flight simulators; 5+ pilot training centers

**COST EFFICIENT, EXPERIENCED DEVELOPMENT AND CERTIFICATION STRATEGY**

# DESIGN OPTIMIZED FOR URBAN MOBILITY



## Flexible seating capacity

**4** passengers at EIS, up to **6** in autonomous configuration

## High utilization rate

Designed for **thousands** flight cycles per year with industry-leading reliability

## Lift + Cruise Design

The **most practical** design choice for certification and operational efficiency

## Tailored for urban mobility

Designed for **100 km** (60 mile) range, addresses **99%** of UAM missions

## Community-friendly

Substantial **reduction in noise** footprint compared to equivalent helicopters

# 4 PASSENGERS IN FLEXIBLE CABIN



## Cabin cross section



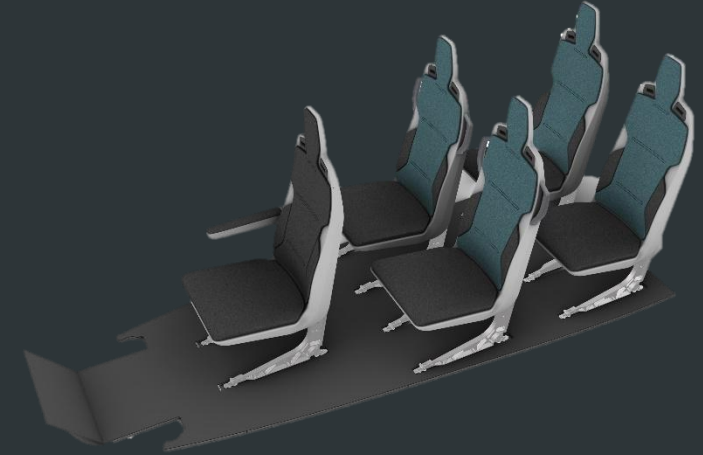
Height and seat width  
validated by customers at  
Advisory Boards

## Layout of passenger accommodation



Forward-facing seats  
enhance privacy

## Forward seating configuration



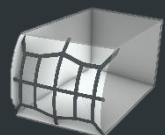
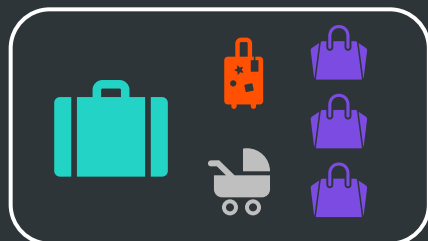
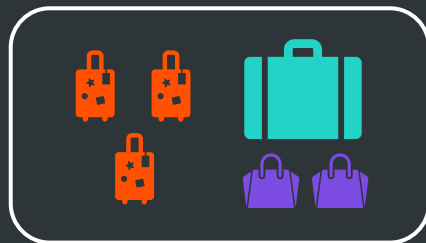
## Club seating configuration





# 4 CARRY-ONS OR 2 CHECKED-IN BAGS

## Flexible luggage configuration



**Capacity**  
490 liters / 17 ft<sup>3</sup>





# SIMPLICITY FOR EASE OF TRAINING AND OPERATION<sup>EVE</sup>



Embraer's proven Fly-by-Wire technology

No pedals, single pilot



Proven Garmin avionics

# MOST PRACTICAL DESIGN CHOICE FOR UAM

## LIFT + CRUISE



- + Simple design
- + Most reliable
- + Straightforward to certify
- + Lower operating cost
- + Simple maintenance

- Reduced range, speed



## TILT ROTOR



- + Lighter
- + Longer range
- + Lower noise profile
- Less reliable
- Challenging to certify



## VECTORED FAN



- + Efficient cruising
- + Longer range
- Energy intensive hover
- Take-off noise level
- High battery drain



## MULTI-ROTOR



- + Efficient takeoff/landing
- + Easiest to certify
- Less efficient cruising
- Slower speeds
- Very short range
- High battery drain




**AIRBUS**

Source: Assessment by Eve management and market analysis as per "Market for Urban Air Mobility" from KPMG dated June 2021

# WHEELED LANDING GEAR AS OPTION

**Added flexibility** where Ground Support Equipment (GSE) & time are limited

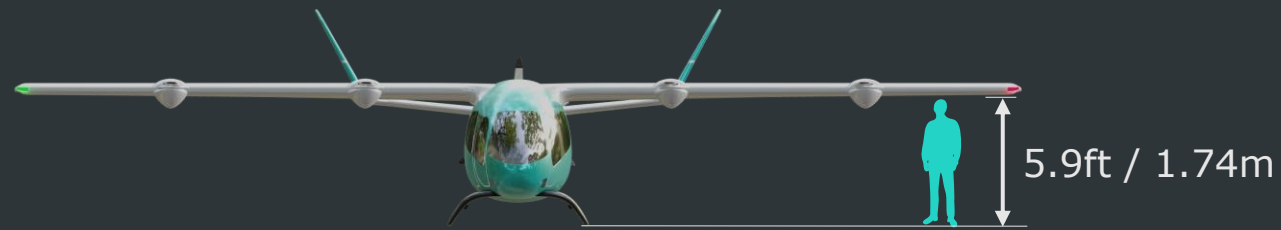
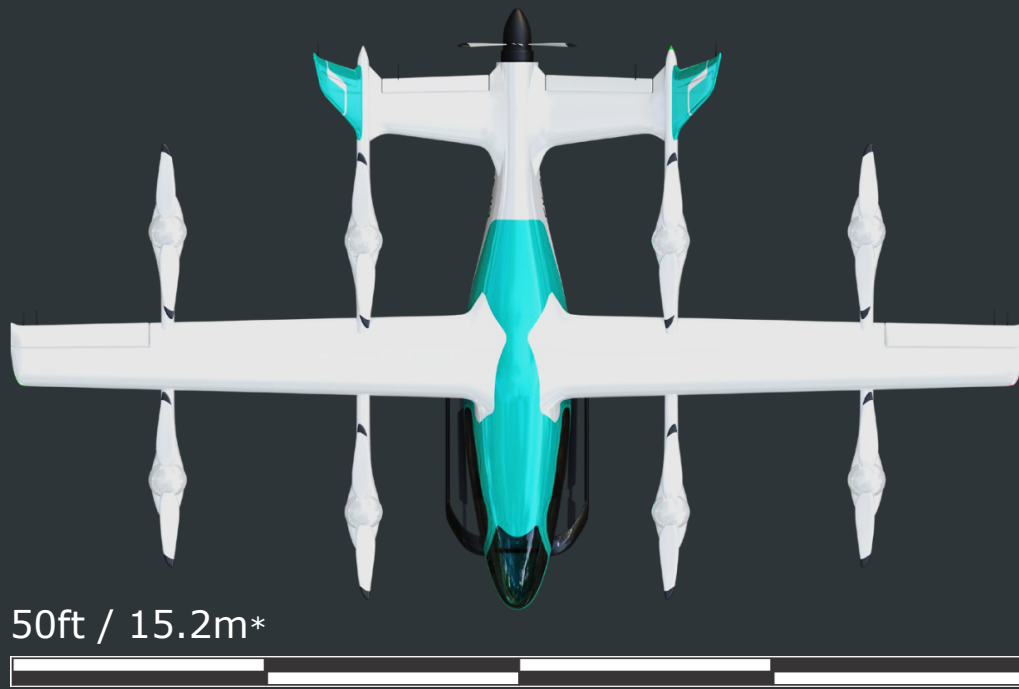


 **Minimizes** GSE requirements at outstations

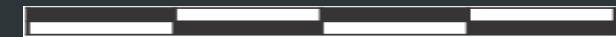
 **Reduces Turnaround Time** (TAT) at slot-constrained, large vertiports

 **Available as follow-on item** after Entry into Service (EIS)

# DESIGNED TO FIT CURRENT INFRASTRUCTURE



11.0ft / 3.3m



33.0ft / 10.30m



# PRIMARY COMPONENT SUPPLIERS SELECTED



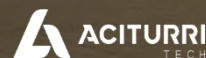
## MOTORS



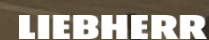
## BATTERY



## WING



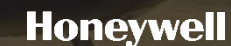
## ACTUATORS



## DOORS



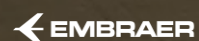
## EXTERNAL LIGHTS



## SEATS



## FLIGHT CONTROL COMPUTERS



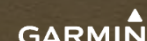
## CONTROL SURFACES



## THERMAL MANAGEMENT



## AVIONICS



## PYLONS



## FUSELAGE COMPONENTS



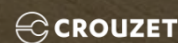
## WINDOWS



## SENSORS



## PILOT CONTROL



## INTERIOR



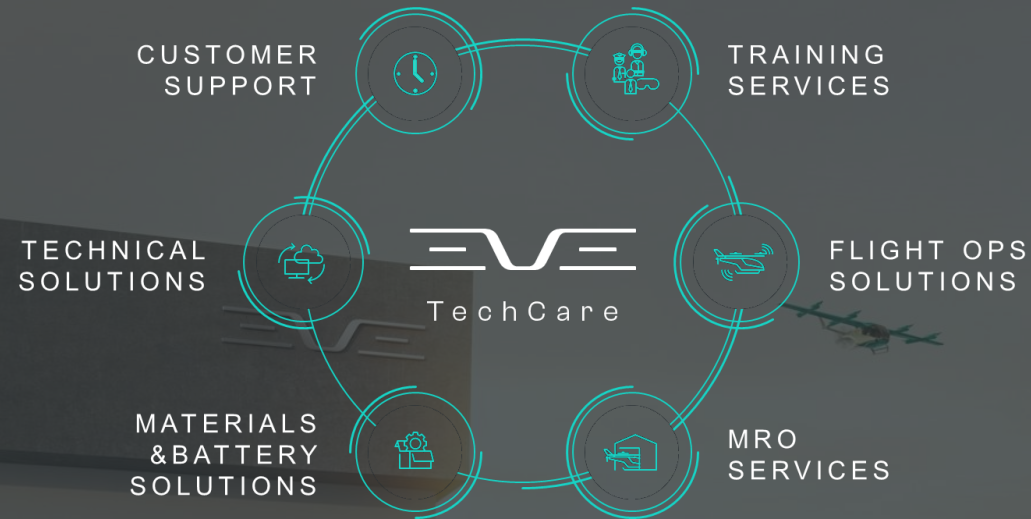
## POWER DISTRIBUTION SYSTEM



## ROTORS&PROPELLER



# CUSTOMER SERVICES - TECHCARE



ALL-IN-ONE SERVICE PORTFOLIO PROVIDING  
HIGHER AIRCRAFT AVAILABILITY AND COSTS  
OPTIMIZATION



EMBRAER & CAE JOINT VENTURE SELECTED AS  
PILOT AND MAINTENANCE TRAINING PROVIDER



# vector

EVE

THE URBAN ATM SOFTWARE



Agnostic software for Air Traffic Control and network management



Focus on fleet / vertiport operators and Air Navigation Service Providers (ANSPs)



Eve is advancing towards an operational version for customer test / trial to help scale UAM safely

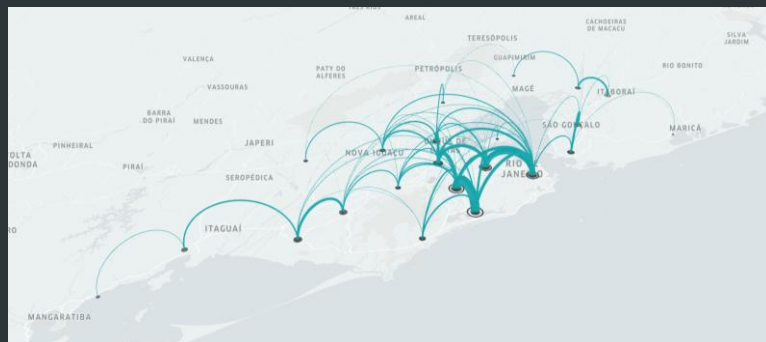


Vector will optimize the airspace and air traffic network for all users



# UAM POTENTIAL IN SELECTED URBAN AREAS

## RIO DE JANEIRO



**245** eVTOLS

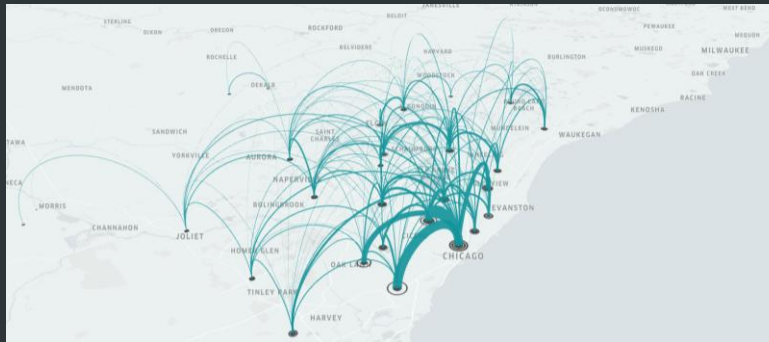
**37** Vertiports

**100+** Routes

**4.5M** Annual passengers

**\$220M** Annual revenues

## CHICAGO



**240** eVTOLS

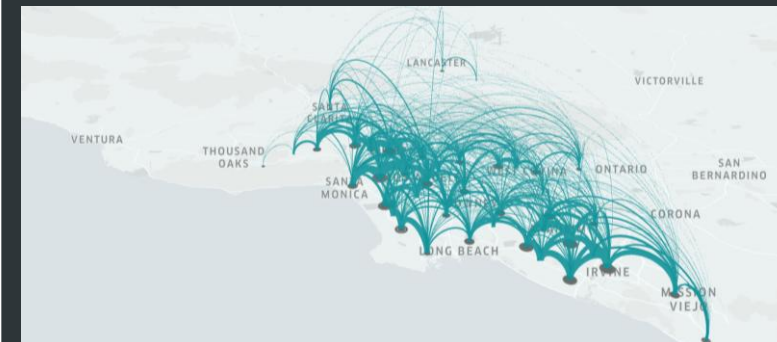
**30** Vertiports

**120+** Routes

**4.5M** Annual passengers

**\$225M** Annual revenues

## LOS ANGELES



**390** eVTOLS

**38** Vertiports

**150+** Routes

**7.1M** Annual passengers

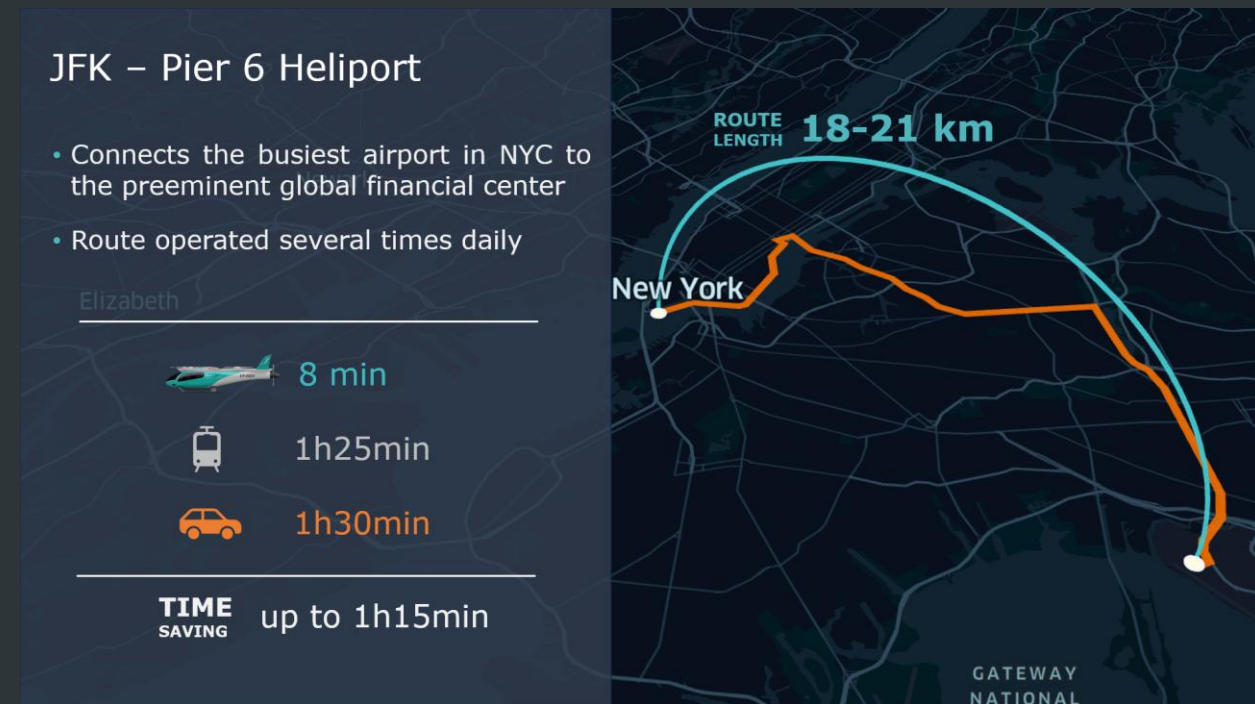
**\$350M** Annual revenues



# EVE'S LOWER OPERATING EMISSIONS



## eVTOL reduces travel time and emissions





# eVTOL ROLL-OUT ON JULY 3<sup>RD</sup>

EVE



**Engineering prototype** – Validate and improve accuracy of models created based on data from sub-scale flight models, labs, rigs and numerical simulations  
Ground and flight tests will be performed at Gavião Peixoto Embraer Facility (GPX) in Brazil



# eVTOL TAILORED FOR URBAN AIR MOBILITY



**Similar dimensions of 4-passenger helicopters** – 50ft (15.2m) wingspan; 33ft (10.3m)

Design for **100km** (60 miles) **range** at EIS addresses 99% of UAM missions



# eVTOL ROLL-OUT: OPTIMAL FOR URBAN MOBILITY<sup>EVE</sup>



**8 counter-rotating lifters** (for controllability and high safety levels)

**Simple Lift + Cruise design** – 8 lifters, 1 pusher

Simplifies maintenance, lowers operating costs, increases dispatch rate, potentially clearer path to certification

**5<sup>th</sup> generation fly by wire** – inherited from Embraer, enhances aircraft safety, passenger comfort



# eVTOL ROLL-OUT



## Engineering prototype upcoming steps

- Multiple integrated ground tests to validate thrust, energy consumption, systems functionalities, sound and vibration
- Hover flights, for in-ground effect (IGE) and out-of-ground (OGE) characterization and assessments
- Partial transition (with rotors operating)
- Full transition



# UNPARALLELED INFRASTRUCTURE



GPX site in Brazil to host Eve's flight tests with state-of-the-art infrastructure

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Simulate actual conditions to which rotors will be subjected in flight



# FLIGHT TEST INSTRUMENTS (FTI) INTEGRATION

## COMMAND & CONTROL TRUCK



Custom-built to command-and-control prototype flight, with minimal pilot-eVTOL latency

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## FTI CAMERAS



Telemetry and video capabilities, with real-time data for real-time analysis

# eVTOL DEVELOPMENT PHASES



We are here



PRELIMINARY  
DESIGN  
2022



INITIAL  
DESIGN  
2023

JOINT  
DEFINITION  
9M 2024

DETAILED  
DESIGN  
4Q 2024

VERIFICATION  
2025

**TC | EIS**  
TYPE CERTIFICATION &  
ENTRY INTO SERVICE

**2026**



DEFINITION OF INTERFACES



DEFINITION OF MANUFACTURING SYSTEMS



PRELIMINARY PROJECT REVIEW

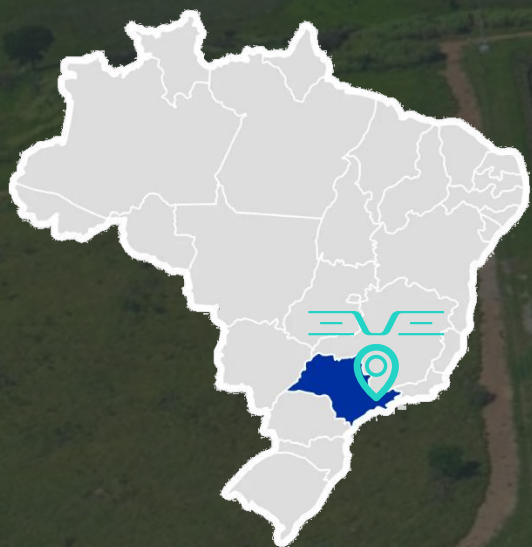


SUPPLIER ENGAGEMENT



# FIRST eVTOL PRODUCTION SITE SELECTED

EVE



## 📍 TAUBATÉ - SÃO PAULO, BRAZIL

- Production facility situated within Embraer's existing unit that will be expanded
- Strategic logistical location, proximity to Embraer's headquarters in São José dos Campos and Eve's engineering and business team



# MODULAR MANUFACTURING STRATEGY

Capital-efficient strategy to deploy manufacturing resources

Growth in modules helps reduce risk and keep pace with market growth

$\frac{1}{2}$  Module



**120** units / year

1 Module



**240** units / year

2 Modules



**480** units / year

# eVTOL, SERVICES & VECTOR PRE-DEALS

~**2.9k**

**eVTOL AIRCRAFT**

~**\$14B**

**PRE-ORDER BOOK VALUE**

Based on current List Price

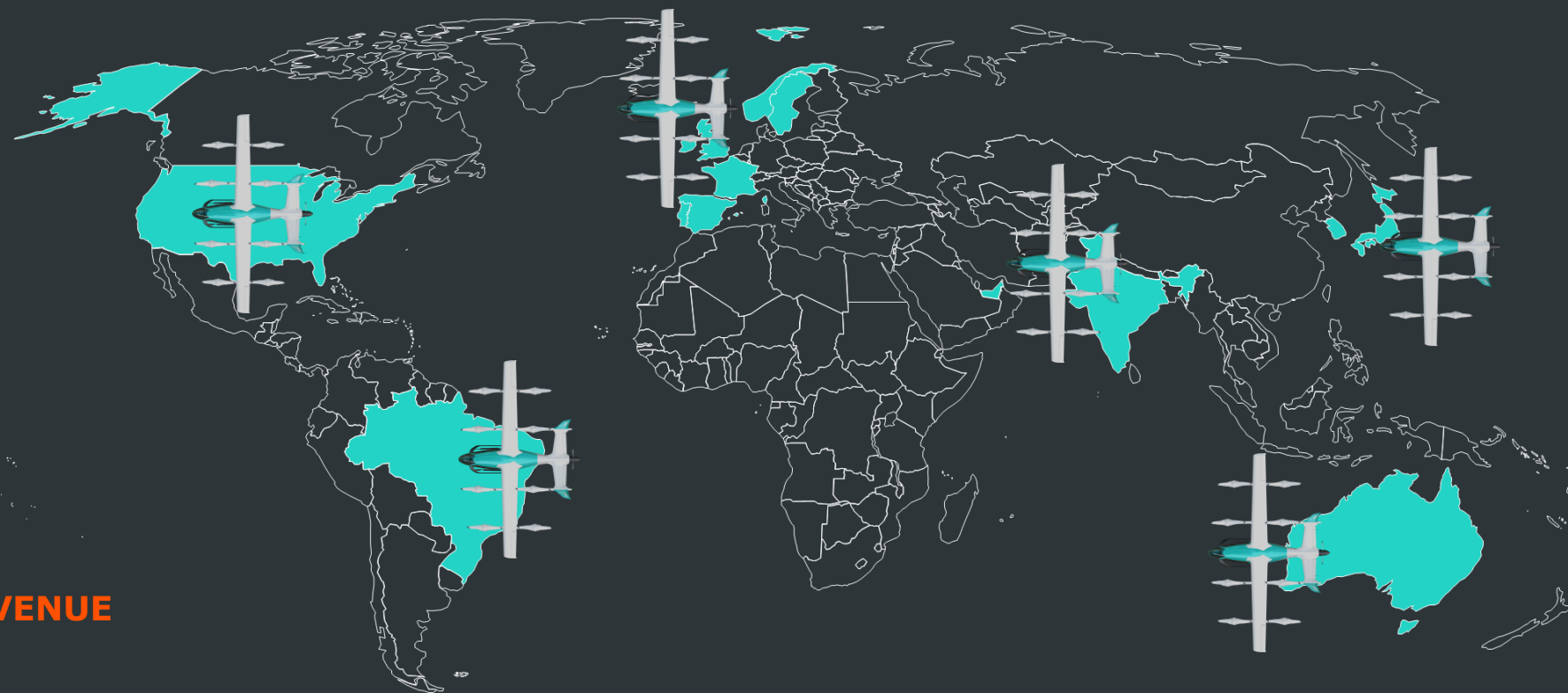
**\$1.6B**

**SERVICES POTENTIAL REVENUE**

**30 eVTOL**  
customers in  
**12 countries**

**15 TECHCARE**  
customers & partners in  
**9 countries**

**23 VECTOR**  
customers & partners in  
**11 countries**



# FINANCIAL PERFORMANCE

USD MILLIONS

	3Q24	3Q23	9M24	9M23
<b>INCOME STATEMENT</b>				
Research & Development (R&D)	(32.4)	(28.6)	(96.2)	(72.0)
Selling, General & Administrative (SG&A)	(8.4)	(5.0)	(20.3)	(17.8)
Change in fair value of derivative liabilities	4.0	(0.9)	12.4	(9.8)
Interest Income / Other Non-Operating Expenses, net	1.5	4.4	8.1	12.8
Net Earnings / (Loss)	(35.8)	(31.2)	(97.5)	(88.4)
<b>CASH FLOW</b>				
Net Cash Used in Operating Activities	(30.7)	(22.4)	(97.3)	(70.0)
Net Additions to Property, Plant and Equipment (PP&E)	(3.2)	(0.0)	(4.0)	(0.2)
Free Cash Flow*	(34.0)	(22.4)	(101.3)	(70.2)
Net Cash (Used) Provided by Financing Activities	108.8	11.0	137.8	10.7
			9M24	FY23
<b>BALANCE SHEET</b>				
Other Assets			9.7	4.2
Total Payables			56.0	40.6
Cash, Cash Equivalents, Fin. Investments and Rel. Party Loan Receivable (Beg. of period)			241.1	310.6
Cash, Cash Equivalents, Fin. Investments and Rel. Party Loan Receivable (End of period)			279.8	241.1
Total Debt			68.3	25.8
Total Liquidity**			305.2	316.3

\* Free Cash Flow is a non-GAAP measure and includes Net Cash Used in Operating Activities, Net Additions to PP&E

\*\* Total Liquidity is a non-GAAP measure and includes Cash, Cash Equivalents, Financial Investments, Related Party Loan Receivable, undrawn BNDES R&D standby facilities



# ~\$740M RAISED SINCE 2022

## IPO NYSE - 2022

**\$400 million**

## DEBT - 2023

P&D standby facility | 12-year maturity  
3-4-year grace period | 5-6% interest rate  
disbursement 2023-2025

**\$100 million**

## NEW EQUITY - 2024

+ FINANCIAL INVESTORS

**\$96 million**

## NEW DEBT - 2024

\$90 million

+

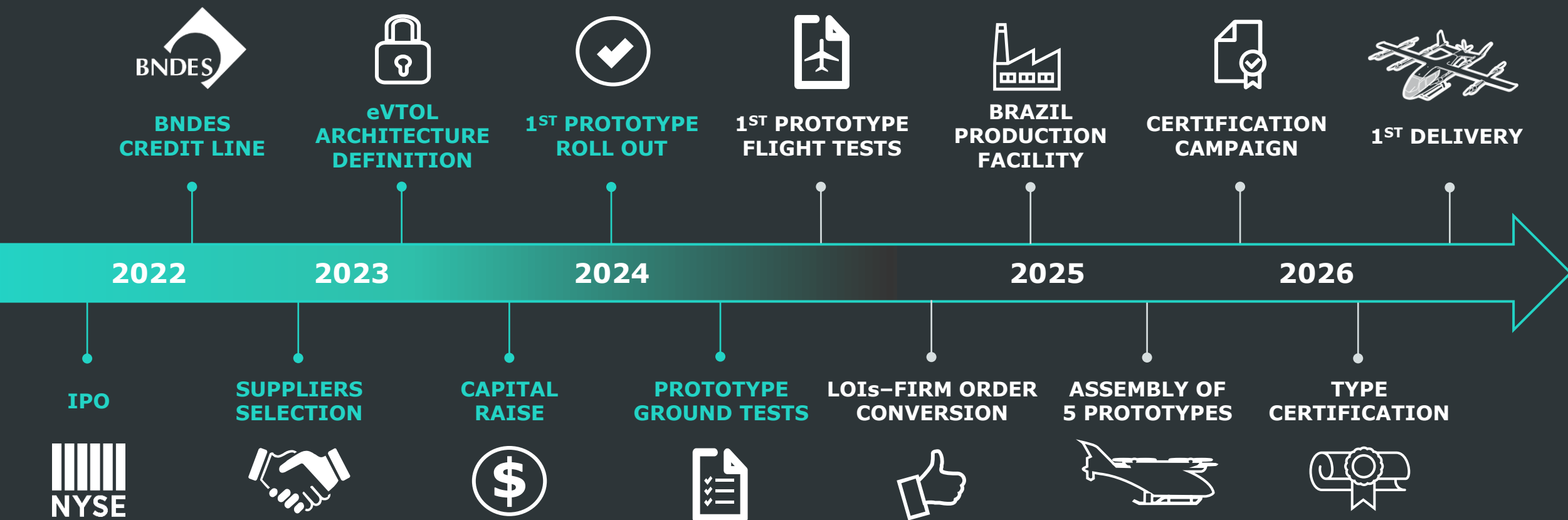
\$50 million

**\$140 million**

**~\$740 million**  
in funding



# PATH TO REVENUE & PROFITABILITY



Timeline in graph not to scale

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# PATH TO REVENUE & PROFITABILITY

## Eve - Revenue Potential



## Peer Valuation

	P/Sales
Airbus	1.5x
Boeing	1.6x
Embraer	1.1x
<b>Aviation average</b>	<b>1.4x</b>
Tesla	7.9x
Rivian	2.6x
Lucid	10.8x
Polestar	0.9x
<b>Electric Vehicles</b>	<b>5.5x</b>
<b>Average</b>	<b>3.5x</b>

\*Includes eVTOL and Customer Services  
 Market cap ~\$775 million  
 Market prices as of August 26, 2024

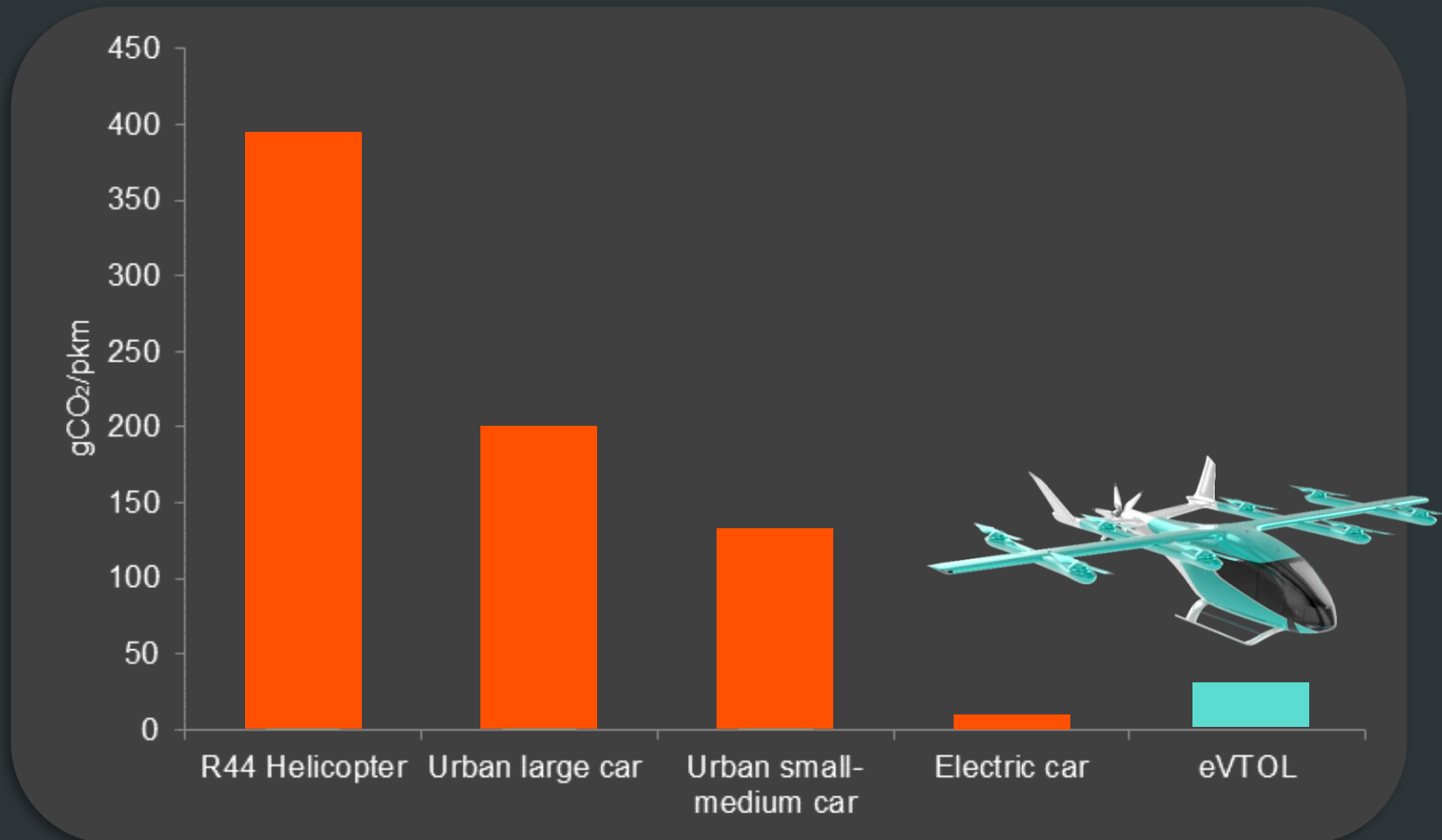
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# EVE'S LOWER OPERATING EMISSIONS



## Operating emissions comparison vs. other urban mobility options



Sources: [IEA Urban car Intensity](#) | [Global EV average intensity](#)

Helicopter assumptions: [3.16 kgCO<sub>2</sub>](#) per Jet A1 Liter for a [R44](#) consuming 56l/h at a 209 km/h speed.

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# CRUISE SOUND - HELICOPTER | eVTOL

## Cruise@ 1000ft Noise Benchmarking

Cruise phase encompasses most of the mission



**Helicopter - 75 dB(A)<sup>2</sup>**



**Densely populated area**



**eVTOL wing-borne cruise <60 dB(A)<sup>1</sup>**

eVTOL cruise blend into the 75 dB(A) average urban soundscape, which doesn't happen with helicopters

1. Expected cruise noise levels at the observer on ground.
2. Helicopter reference AS350
3. Audios absolute noise levels depend on the adjusted volume on sound device, but have relative difference as specified. Use headphones and adjust your sound volume based on your experience hearing a helicopter flying over at 1000 ft.



# RECHARGES ENHANCE OPERATING POTENTIAL

## Battery charge (as % of total) throughout a typical day



- Design with current battery technology for **100km range**
- Take-off, landing with disproportionately higher energy consumption; **efficient in cruise**
- Typical mission estimated at **~30km** (20 miles), or **~15min.**
- Fast charge in-between missions **extend operating range**, while respecting reserve requirements; slow charge extends battery life

# SUSTAINABILITY BEYOND CLIMATE CHANGE



## | Decarbonizing Aviation Commitments



**Developing zero-carbon aviation products by 2050**



**Carbon neutrality in operations by 2040**



**100% renewable electricity consumption in all operations by 2030**



**Carbon neutral growth starting in 2022**



**50% diversity in hiring across all entry-level programs by 2025**



**20% of women in senior leadership positions by 2025**

**Eve's sustainability is consistent with Embraer's and draws on its extensive expertise in the aviation sector**



# EVE'S END OF LIFE BATTERY LIFECYCLE



Suppliers' transparency: environmental compliance, product composition, reverse logistics, appropriate destination procedures



BAE Systems and Eve collaborating on end-of-life battery capabilities



Eve to offer battery swap, second life options and end-of-life solutions, standardized charging stations





# THANK YOU!



#### Forward Looking Statements

Certain statements contained in this release are forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements may be identified by words such as "may," "will," "expect," "intend," "anticipate," "believe," "estimate," "plan," "project," "could," "should," "would," "continue," "seek," "target," "guidance," "outlook," "if current trends continue," "optimistic," "forecast" and other similar words or expressions. All statements, other than statements of historical facts, are forward-looking statements, including, but not limited to, statements about the company's plans, objectives, expectations, outlooks, projections, intentions, estimates, and other statements of future events or conditions, including with respect to all companies or entities named within. These forward-looking statements are based on the company's current objectives, beliefs and expectations, and they are subject to significant risks and uncertainties that may cause actual results and financial position and timing of certain events to differ materially from those discussed. These risks and uncertainties include, but are not limited to, those set forth herein as well as in Part I, Item 1A. Risk Factors and Part II, Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations of the company's most recent Annual Report on Form 10-K, Part I, Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations and Part II, Item 1A. Risk Factors of the company's most recent Quarterly Report on Form 10-Q, and other risks and uncertainties listed from time to time in the company's other filings with the Securities and Exchange Commission. Additionally, there may be other factors of which the company is not currently aware that may affect matters discussed in the forward-looking statements and may also cause actual results to differ materially from those discussed. The company does not assume any obligation to publicly update or supplement any forward-looking statement to reflect actual results, changes in assumptions or changes in other factors affecting these forward-looking statements, other than as required by law. Any forward-looking statements speak only as of the date hereof or as of the dates indicated in the statement.