



Mobilidade para o séc 21:

democratização da viagem aérea urbana

Paula Macedo | Head of UX - EmbraerX

EMBRAERX

**MORE THAN 8,000 MANUFACTURED,
CHALLENGE, CREATE,
AND DELIVERED AIRCRAFT
OUTPERFORM**

**WE LIVE FOR THE
CHALLENGE**

**EVERY 10 SECONDS AN
EMBRAER AIRPLANE
TAKES OFF IN THE WORLD**

50 YEARS OF EXCELLENCE AND INNOVATION

*JOURNEY
OF WONDER* 50 →



50 YEARS OF EXCELLENCE AND INNOVATION

EMBRAER^X

EMPOWERING PEOPLE, TRANSFORMING BUSINESS.




EmbraerX MISSION

At EmbraerX, we **build and develop disruptive new businesses** that transform how people engage with the world.

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GLOBAL REACH

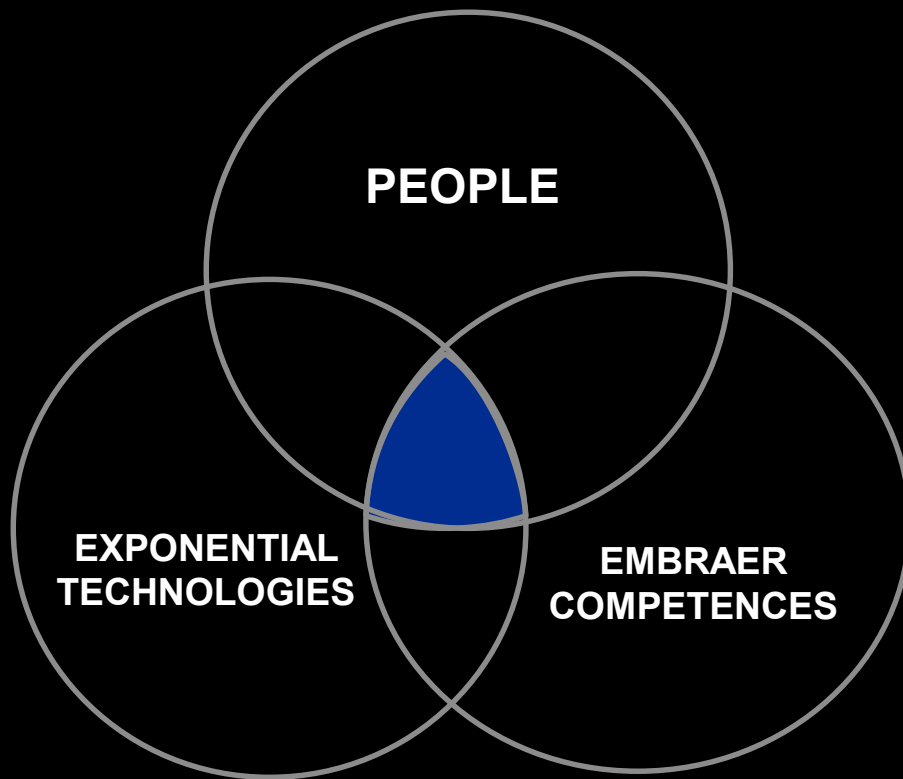
 Embraer S.A. Global Presence

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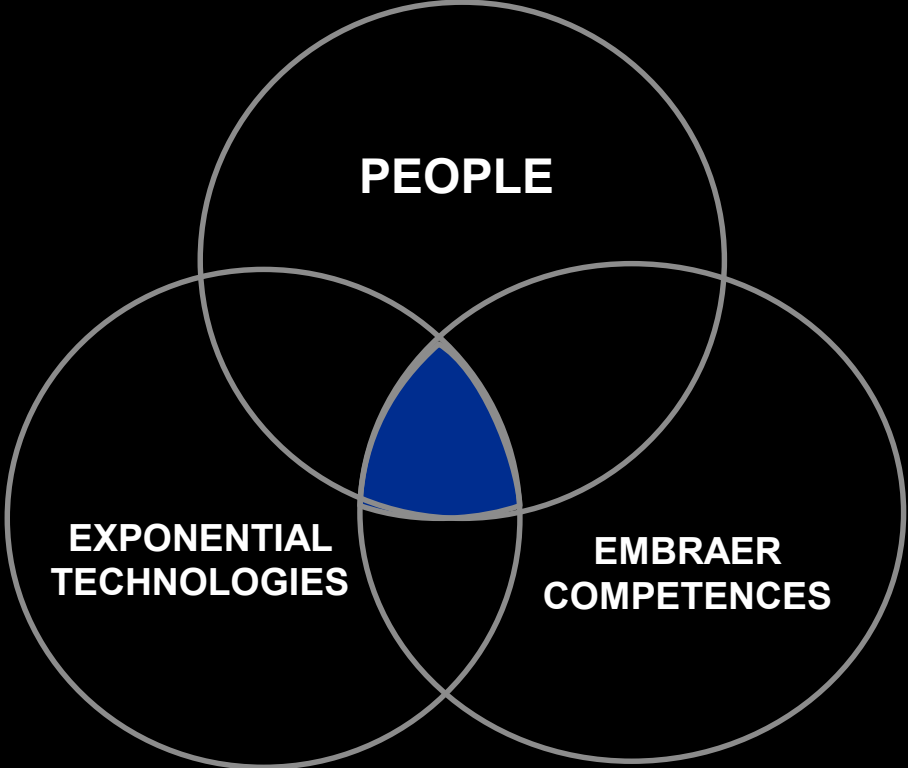
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APPROACH



EMBRAER^X

APPROACH



Listening those
who matters
the most.

Creating
**human -
centric
solutions.**



Moving from A to B in a congested city



IS A PAIN POINT



URBAN MOBILITY



CONGESTION IMPACT ON QUALITY OF LIFE



US\$ 100 Billion

Cost of congestion

Traffic congestion will be a **\$100 billion** drag on the **New York** metro area economy over the next **five years** .

(Source: Partnership for New York)



129 hours

Spent in congestion

Drivers spend **164 hours or 5.4 days** per year just as extra travel time in **New York**.

(Source: Tomtom Traffic Index)



37,000

Annual Deaths

37,000 road traffic fatalities per year in average in **US**

(Source: <https://www.statista.com>.)



“Morgan Stanley's Numbers on Flying Cars: **\$2.9 Trillion**, 20 Years”

(Morgan Stanley, Dec 2018)

“Yet there's broad consensus that a market for the technology will emerge in the next decade, and we believe that the worldwide fleet size could grow to at least **200,000 vehicles.**”

(BCG, June 2018)

“Starting from a small base in 2025, the market for urban passenger drones is estimated to grow quickly at about **35 percent CAGR** (Compound Annual Growth Rate)

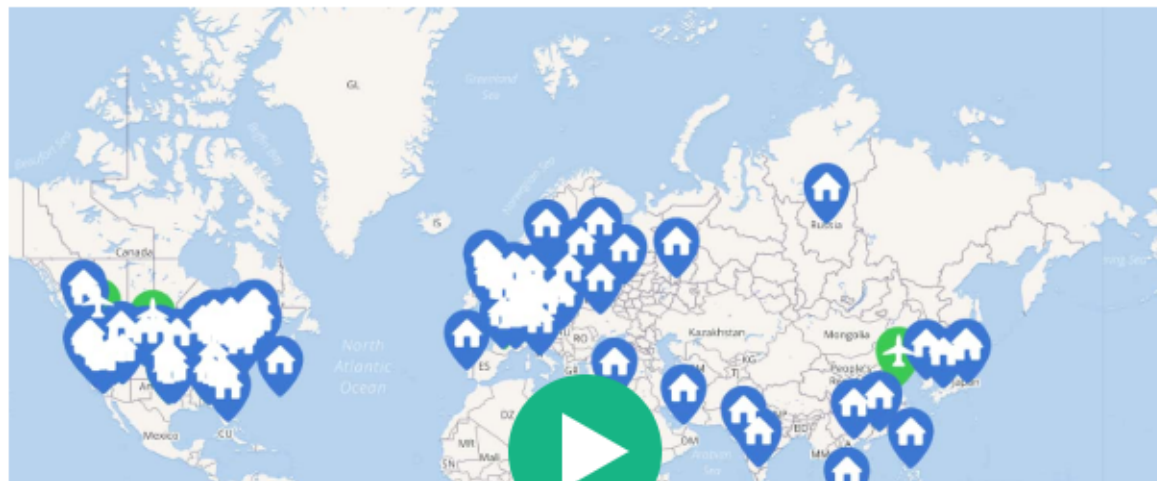
to reach **\$21 billion by 2035** for intracity mobility, leaving aside city-to-city connections

(\$11 billion)”

(Porsche Consulting, Apr 2018)

eVTOL Aircraft Map

[Home](#) | [eVTOL Aircraft Map](#)



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 eVTOL News by The Vertical Flight Society Retweeted

 **Lilium** 
@Lilium

Replying to @nonopilote2013 @ElectricVTOL

You can read more about how the Lilium Jet works here, including detail about its ultraredundant system: lilium.com/the-jet



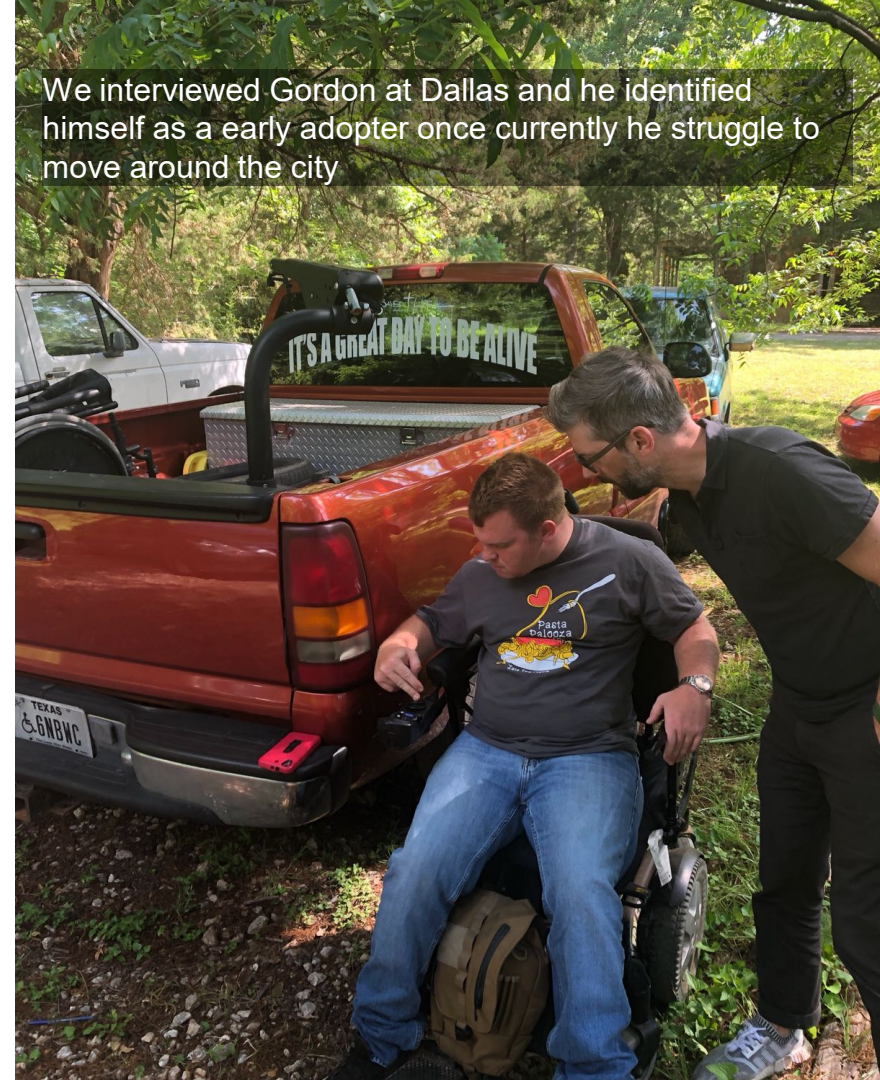
5h



eVTOL News by The Vertical Flight S

Early adopters can be anyone, not simply business travelers - we must vigorously challenge our assumptions to ensure that our go - to-market positioning is as inclusive as possible

We interviewed Gordon at Dallas and he identified himself as a early adopter once currently he struggle to move around the city



**The first
users of this
may be
parents on
vacation!**



Autonomous driverless car prototypes in use right now our tourist shuttles, 2020 operation is about creating excitement and acceptance

build your eVTOL

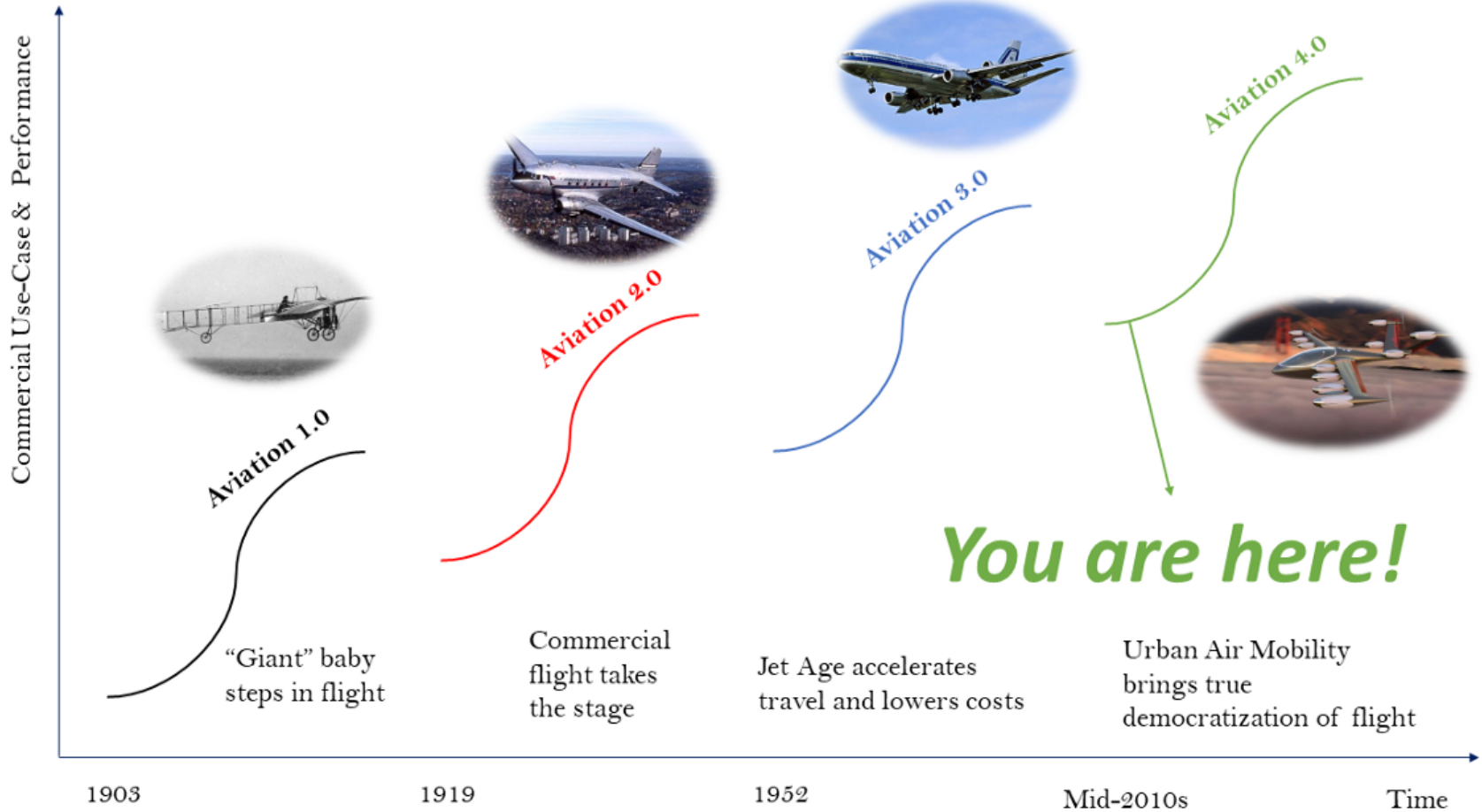
Welcome aboard!

We believe that urban air transport has the potential to radically reshape urban transportation as we know it.

As part of our philosophy we always start with people and we would like your help to understand your needs and desires and help us to create a new type of electric flying vehicle known as eVTOLs (Electric Take-off and Land). #buildyourevtol

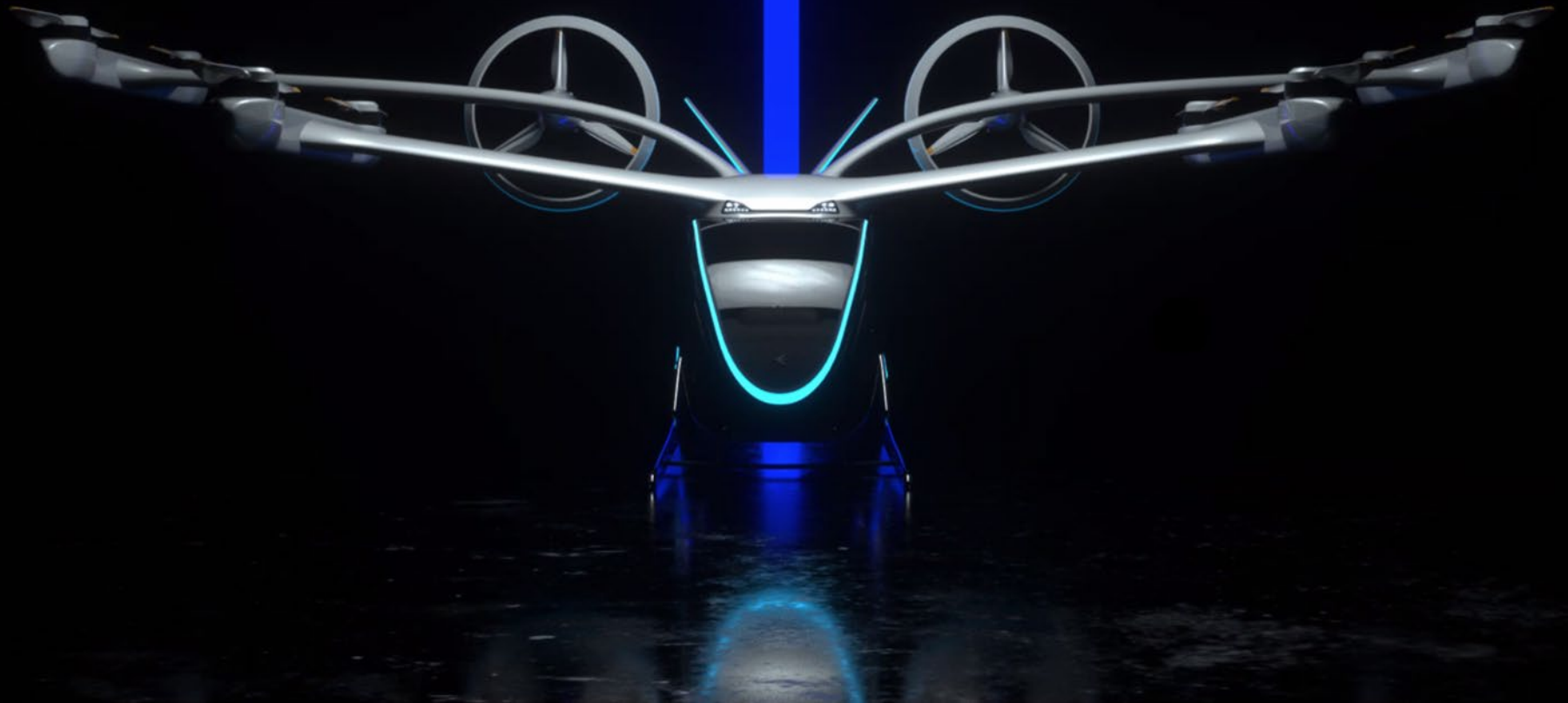
start

<https://embraer.com/embraerx/evtol-configurator/>



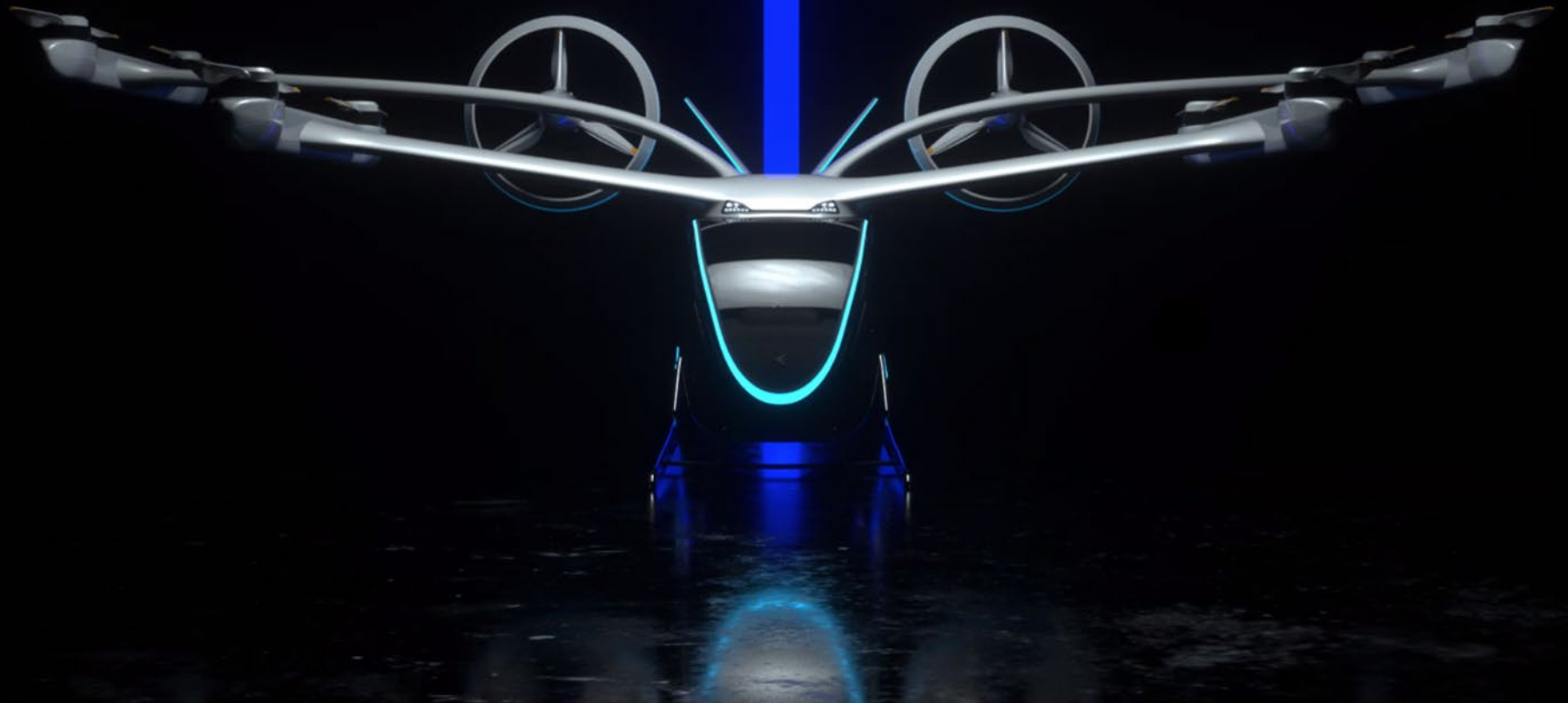
Aviation 4.0: The Age of Democratized Aerial Mobility | Pamir Sevinçel

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SIMPLE & INTUITIVE

Smart use of technology and reliable solutions.

PEACE OF MIND

5th generation award winning fly-by-wire system.

COMMUNITY FRIENDLY

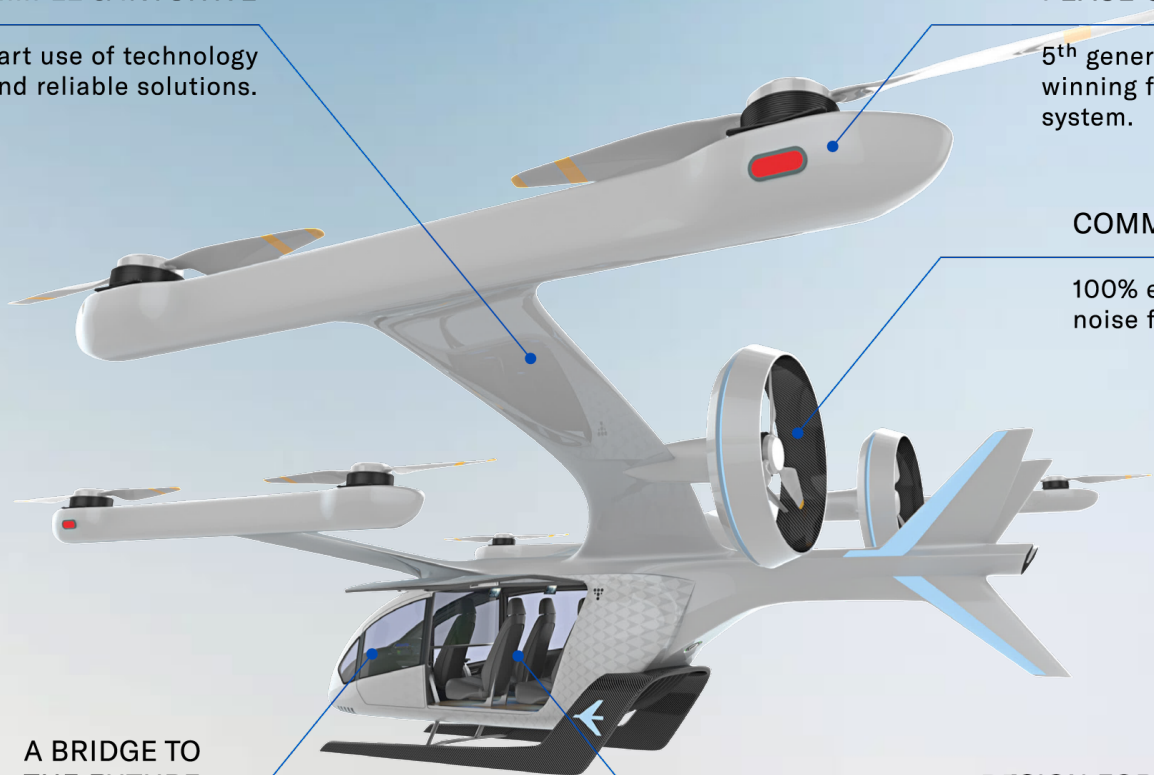
100% electric with low noise footprint.

A BRIDGE TO THE FUTURE

Ready for future autonomous operation.

DESIGN FOR ALL

Universal Cabin with easy access for everyone.



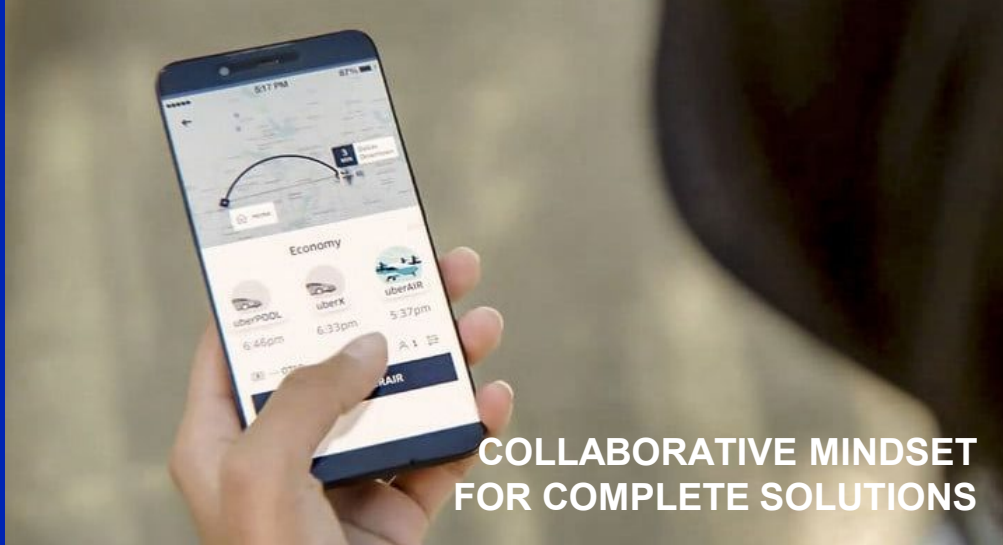


#nameyourevtol
www.embraerx.com



CREATING THE ECOSYSTEM

CREATING THE ECOSYSTEM

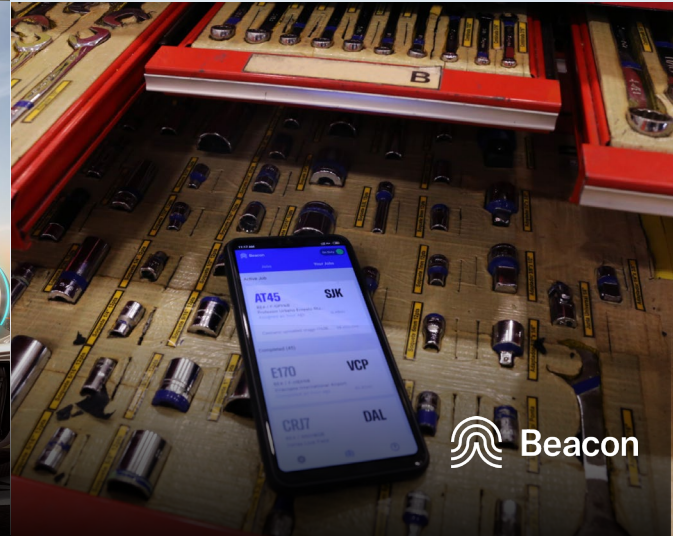


COLLABORATIVE MINDSET
FOR COMPLETE SOLUTIONS



FLIGHT PLAN 2030

AN AIR TRAFFIC
MANAGEMENT
CONCEPT FOR URBAN
AIR MOBILITY





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EMPOWERING PEOPLE, TRANSFORMING BUSINESS.

Let's talk :)

paula@embraerx.com

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