

# INNOVATION



# EMBRAER BUSINESS AREAS



COMMERCIAL  
AVIATION



EXECUTIVE  
JETS



DEFENSE &  
SECURITY

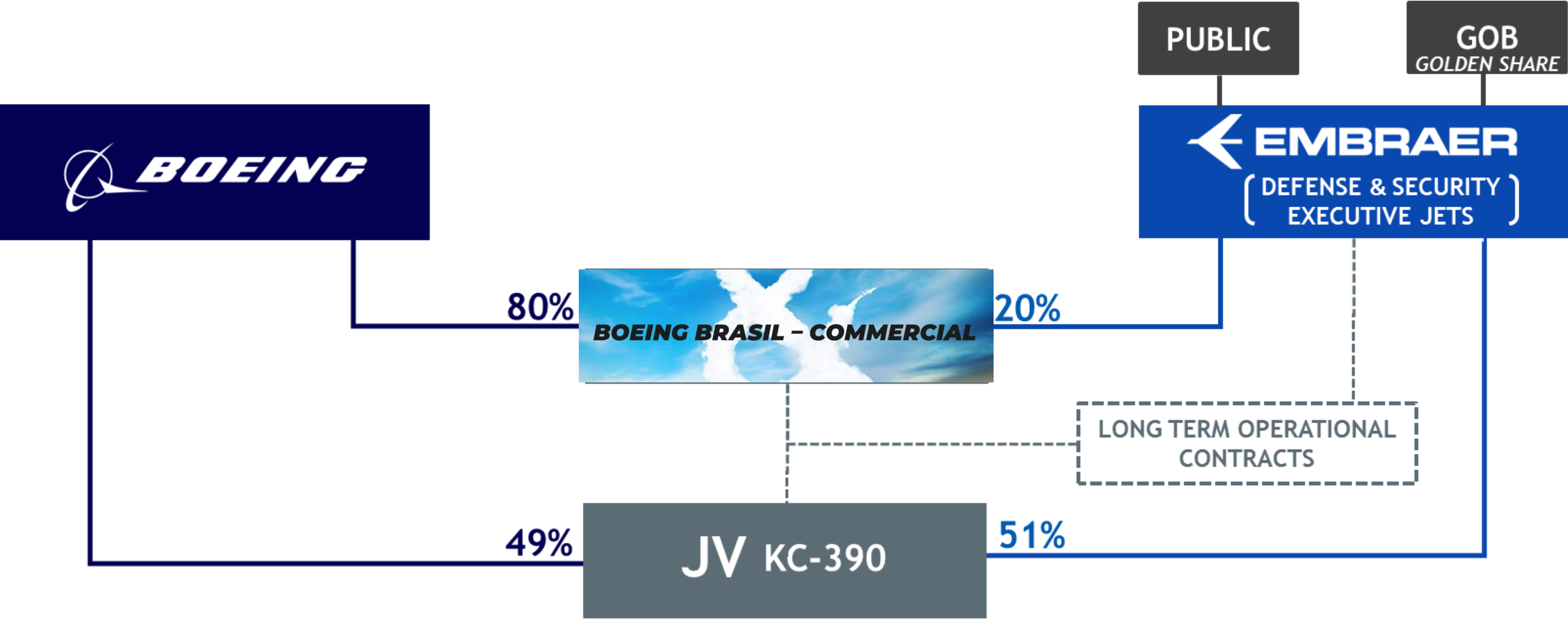


SERVICES &  
SUPPORT





# EMBRAER / BOEING PARTNERSHIP



# EMBRAER BUSINESS AREAS 2020



EXECUTIVE  
JETS



DEFENSE &  
SECURITY



SERVICES &  
SUPPORT





INNOVATION BY EMBRAER







# INNOVATION VERTICALS

ADVANCED MANUFACTURING

AIRFRAME EFFICIENCY

AI

AUTONOMY

CYBERSECURITY

ELECTRIFICATION

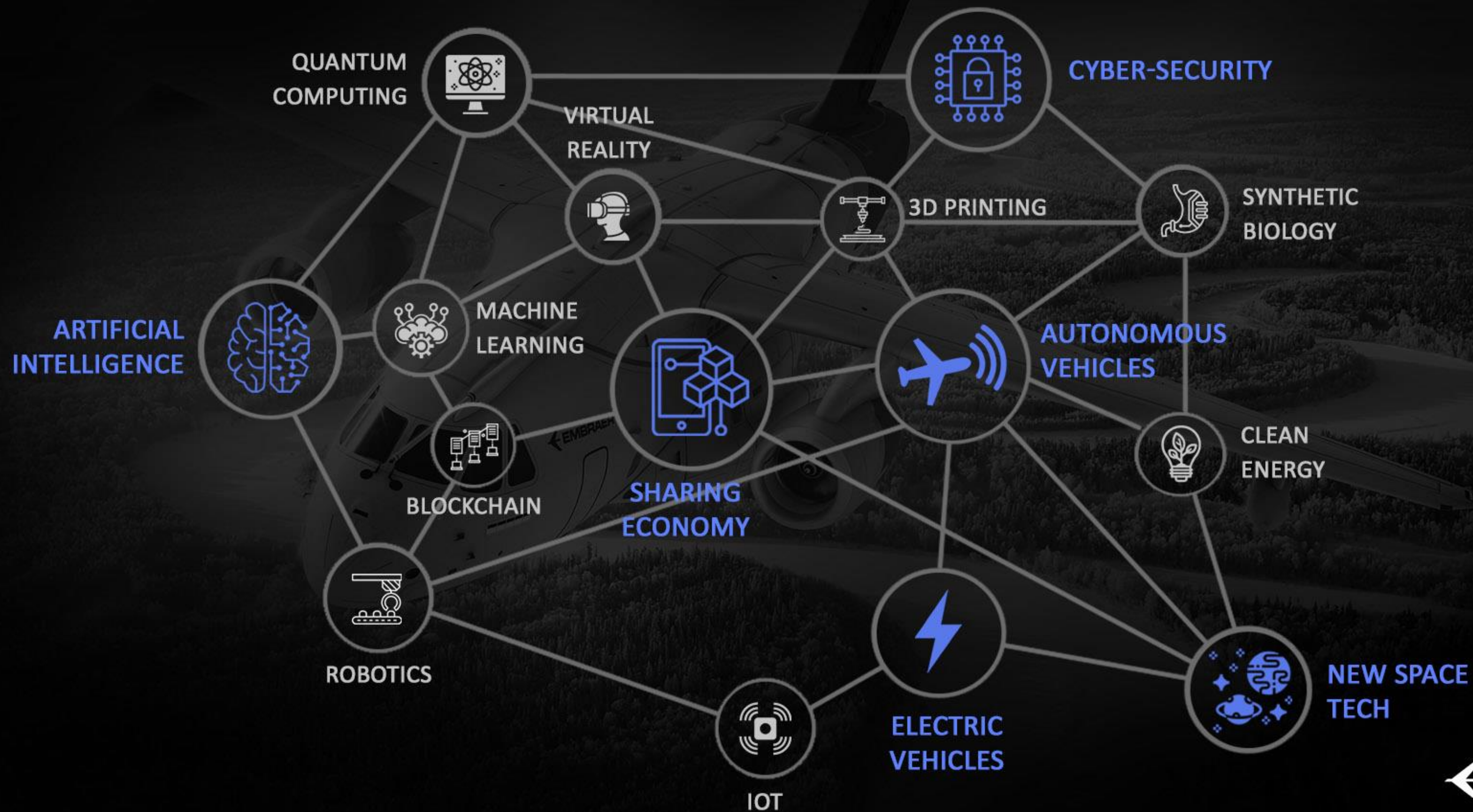
PASSENGER EXPERIENCE

PLATFORM BASED SERVICES

URBAN MOBILITY



# EMERGING TECHNOLOGIES







VOLOCOPTER



SHARING ECONOMY



boom

SUPERSONIC



E- VTOL



URBAN MOBILITY



CARGO DRONE



URBAN MOBILITY



CONNECTIVITY



E- VTOL



Google

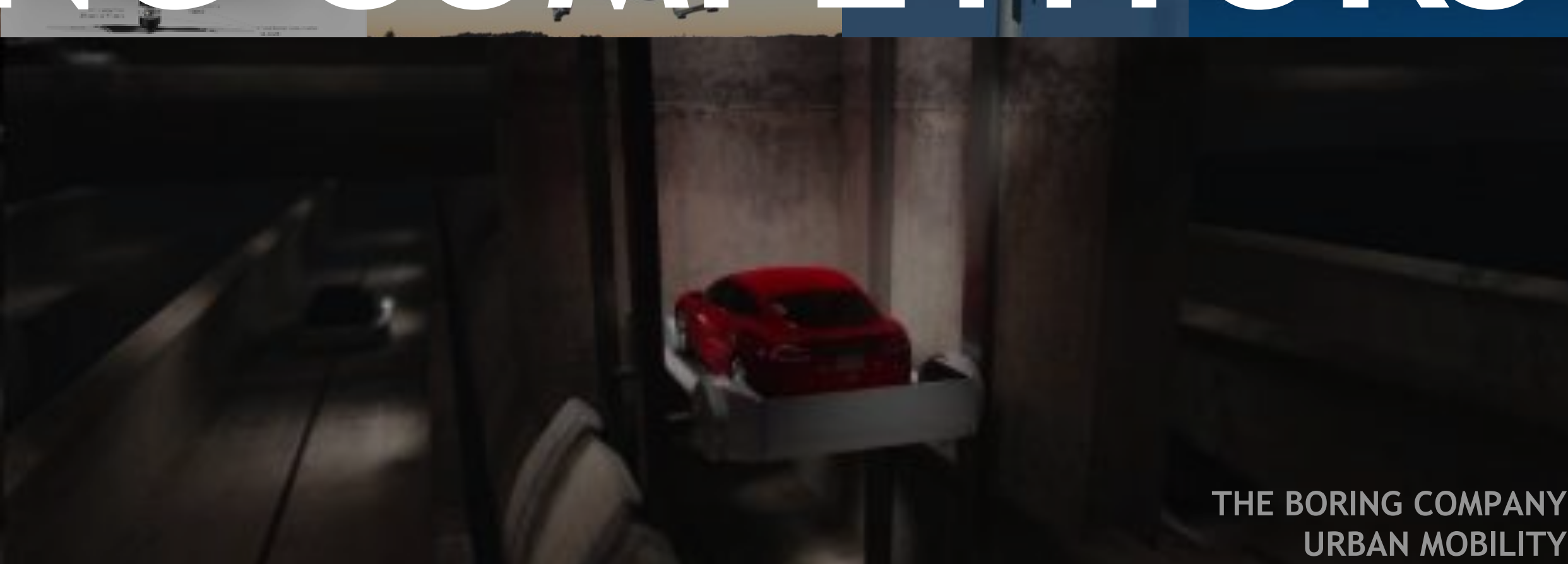
Project loon



ELECTRIC CAR



XTI  
HYBRID VTOL



THE BORING COMPANY  
URBAN MOBILITY



FACEBOOK  
AR/VR



ELECTRIC AIRCRAFT



E-VTOL



CARGO DRONE



HYBRID ELECTRIC AIRCRAFT



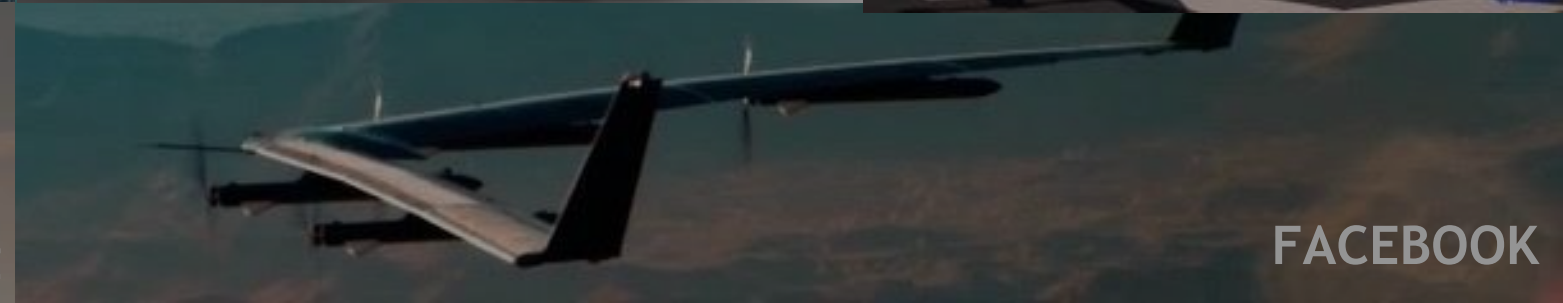
AUTONOMOUS  
CAR



AURORA  
EVTOL



CARGO DRONE



FACEBOOK



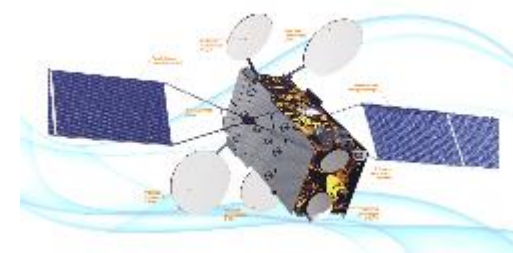
# INNOVATION

## HORIZONS

NEW  
PRODUCTS  
& SERVICES  
OFFERS

KNOWN  
PRODUCTS  
& SERVICES  
OFFERS

horizon 2



horizon 1

horizon 3

**EMBRAER<sup>X</sup>**



horizon 2

KNOWN MARKETS

NEW MARKETS





# URBAN AIR MOBILITY ECOSYSTEM



AN EVOLVING ECOSYSTEM  
Urban Air Mobility



# ELECTRIC VERTICAL TAKE OFF AND LANDING

Electrification, Autonomous, Urban Air Mobility



# URBAN AIR TRAFFIC MANAGEMENT

Urban Air Mobility





# ELECTRIC IPANEMA – DEMONSTRATOR

## Electrification





# Autonomous Taxi Autonomous Flight





## In house



## As a Service



## CVC Investments



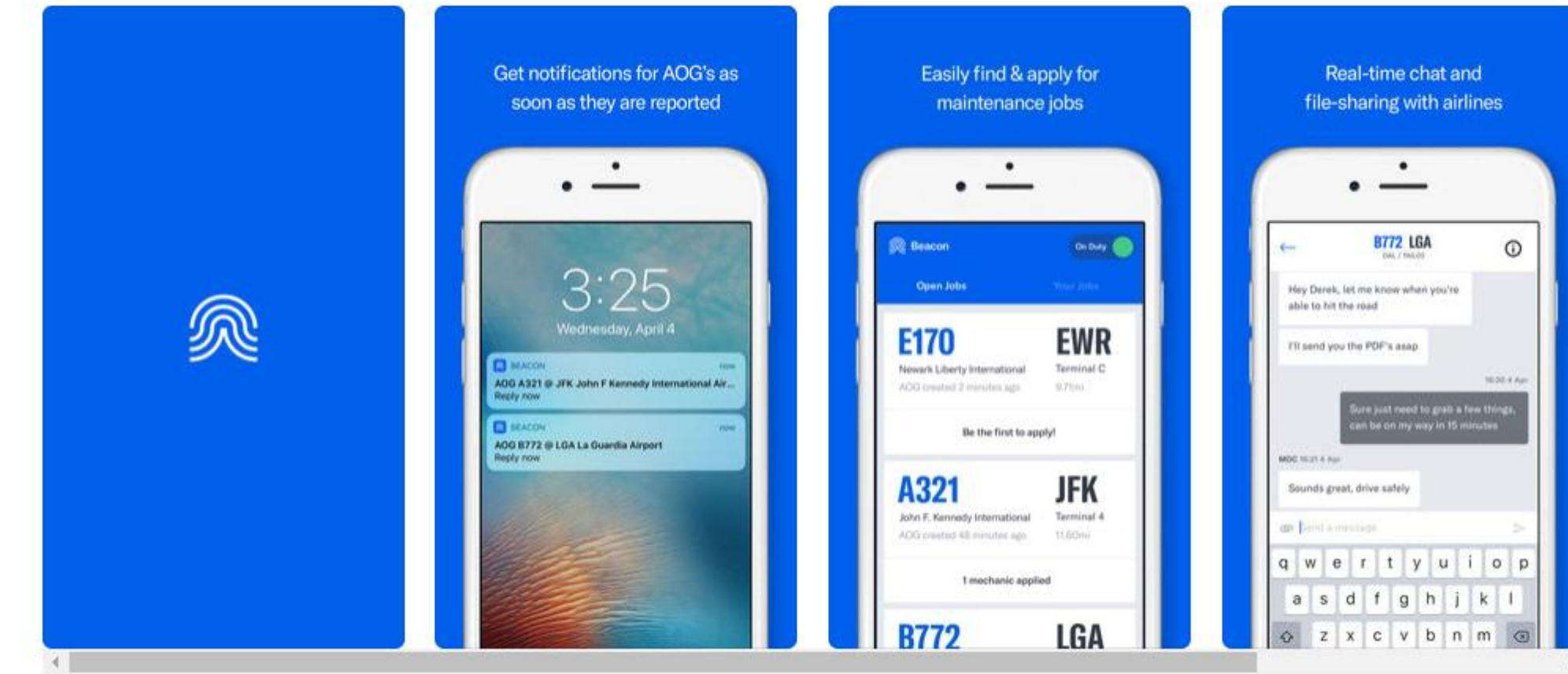
+50 algorithms and solutions cross-company  
AI & Data Science





## App Store Preview

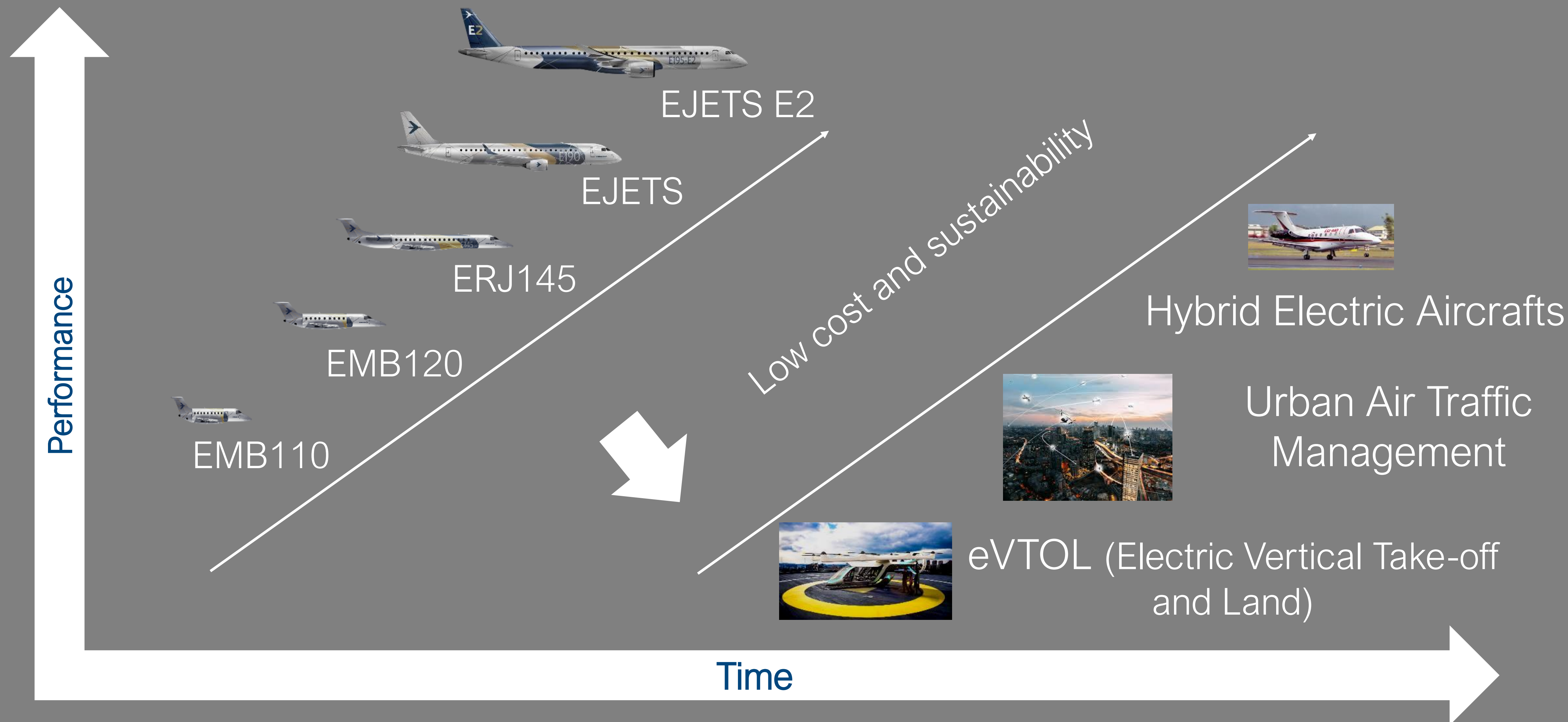
### iPhone Screenshots



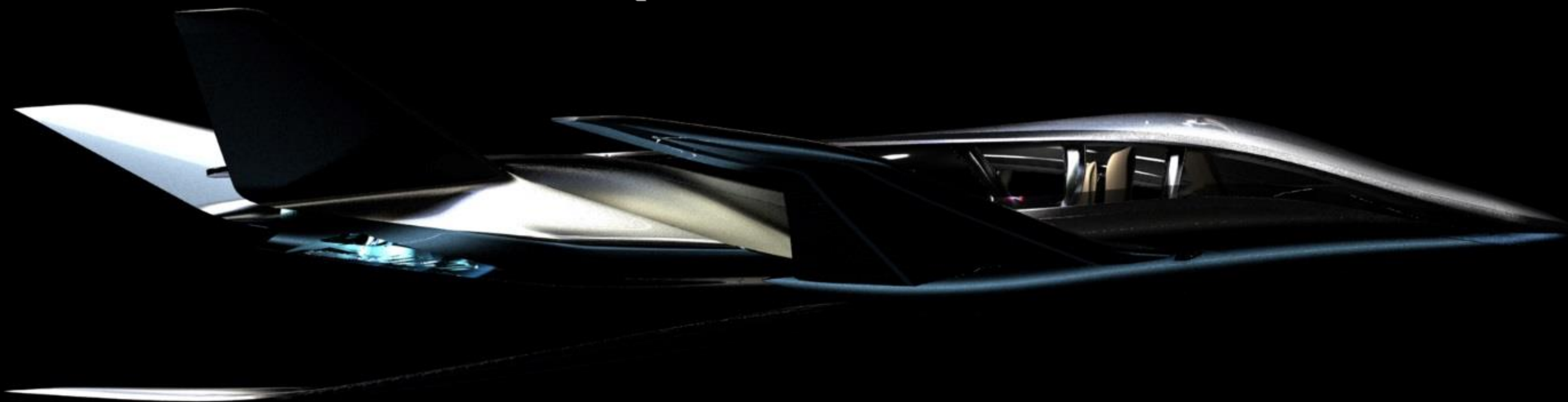
BEACON  
Platform Based Services



# DISRUPTION AHEAD







Obrigado!

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