



Dr. Anita Sengupta

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The Future of Urban Air Mobility @Doctor_Astro
Dr. Anita Sengupta, USC, Co-Founder/ CPO ASX

The Engineer Makes Sci Fi a reality

A vibrant, futuristic cityscape rendered in a wireframe style. The scene is dominated by tall, slender skyscrapers and a complex network of elevated tracks and pipes. A sleek, white monorail train is in motion on a track in the foreground. Above it, a small, green, fish-like flying car is seen. In the upper right, a large, pink, wireframe hand is shown holding a city. The sky is a clear, bright blue with soft clouds. The overall aesthetic is clean, modern, and optimistic.

We Can Build the Future We Imagine

Urban transport Re-envisioned



THE PROBLEM TRAFFIC IS TAKING OVER OUR LIVES

Annually, US drivers waste \$300 billion in fuel and productivity due to gridlock traffic



\$1400

Productivity in dollars lost per driver per year due to traffic



\$1.9 billion

Gallons of fuel wasted per year due to traffic



97 hours

Time urban commuters sit in traffic per year

Source: INRIX, 2018, 2019

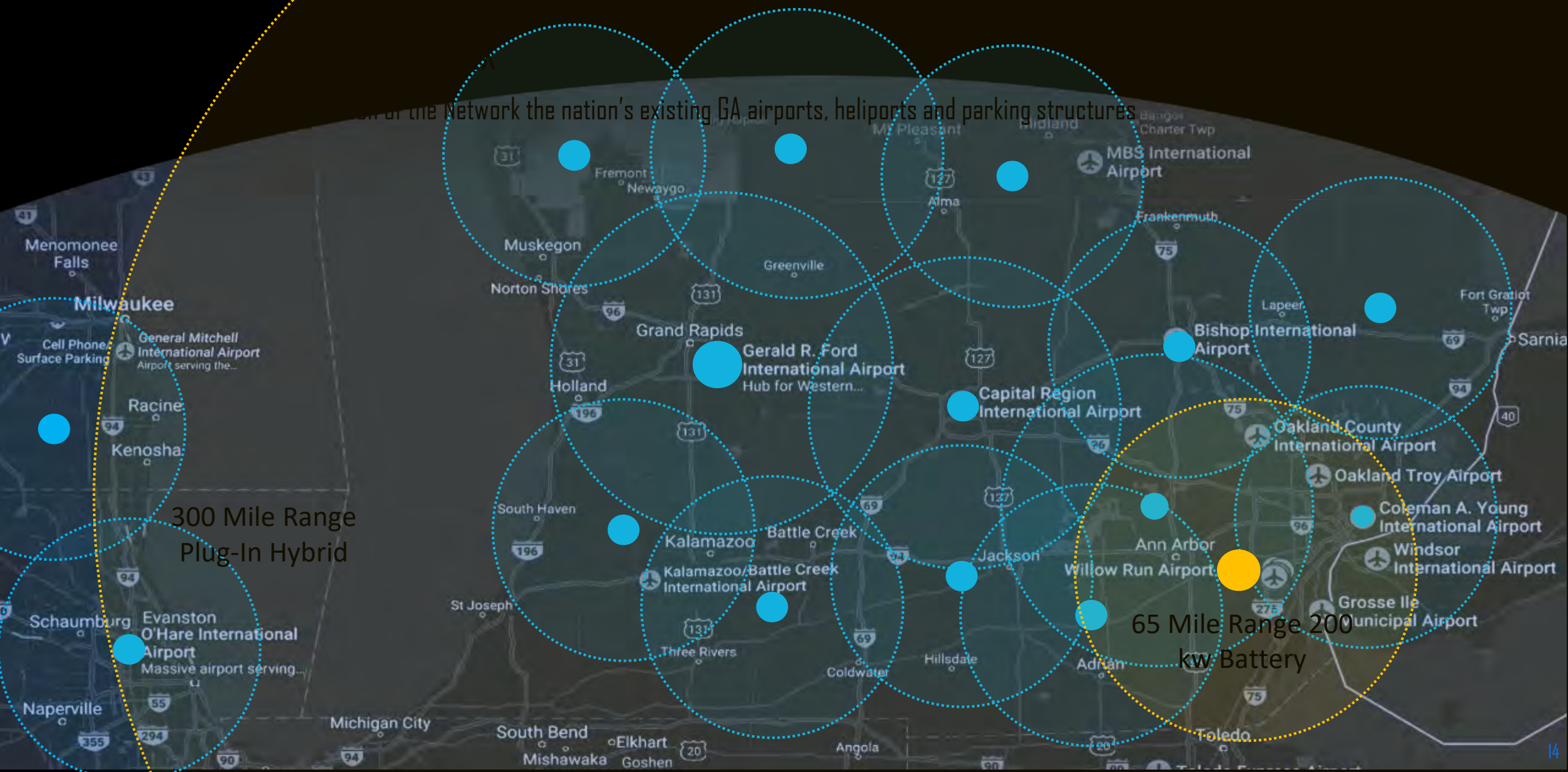
"Total global addressable market growing to \$1.5 trillion by 2040, or 1.2% of projected global gross domestic product." - *Adam Jonas (Morgan Stanley)*

"The Drone Logistics and Transportation Market is Projected to Grow from USD 11.20 Billion in 2022 to USD 29.06 Billion by 2027, at a CAGR of 21.01% " - *Research and Markets 2018 Report*





...of the Network the nation's existing GA airports, heliports and parking structures



COMPETITIVE ADVANTAGE

Aviation x Automotive | Best of both Worlds



ACQUISITION AND PARTNERSHIP OF
VALIDATED ELECTRIC VEHICLE IP,
SENSORS AND SOFTWARE

ASX - Confidential



ACQUISITION AND PARTNERSHIP
WITH MASS PRODUCTION
INFRASTRUCTURE



ORGANIZE AIR TRAFFIC USING
DSRC V2V IN 3D & AVIATION SAFETY

Technical Specifications

Take-off and landing:
Vertical/Short-Take Off

Range:
65 miles Electric / >300 miles Hybrid

Cruising speed:
150 mph

Type:
Tilt wing with VTOL capability

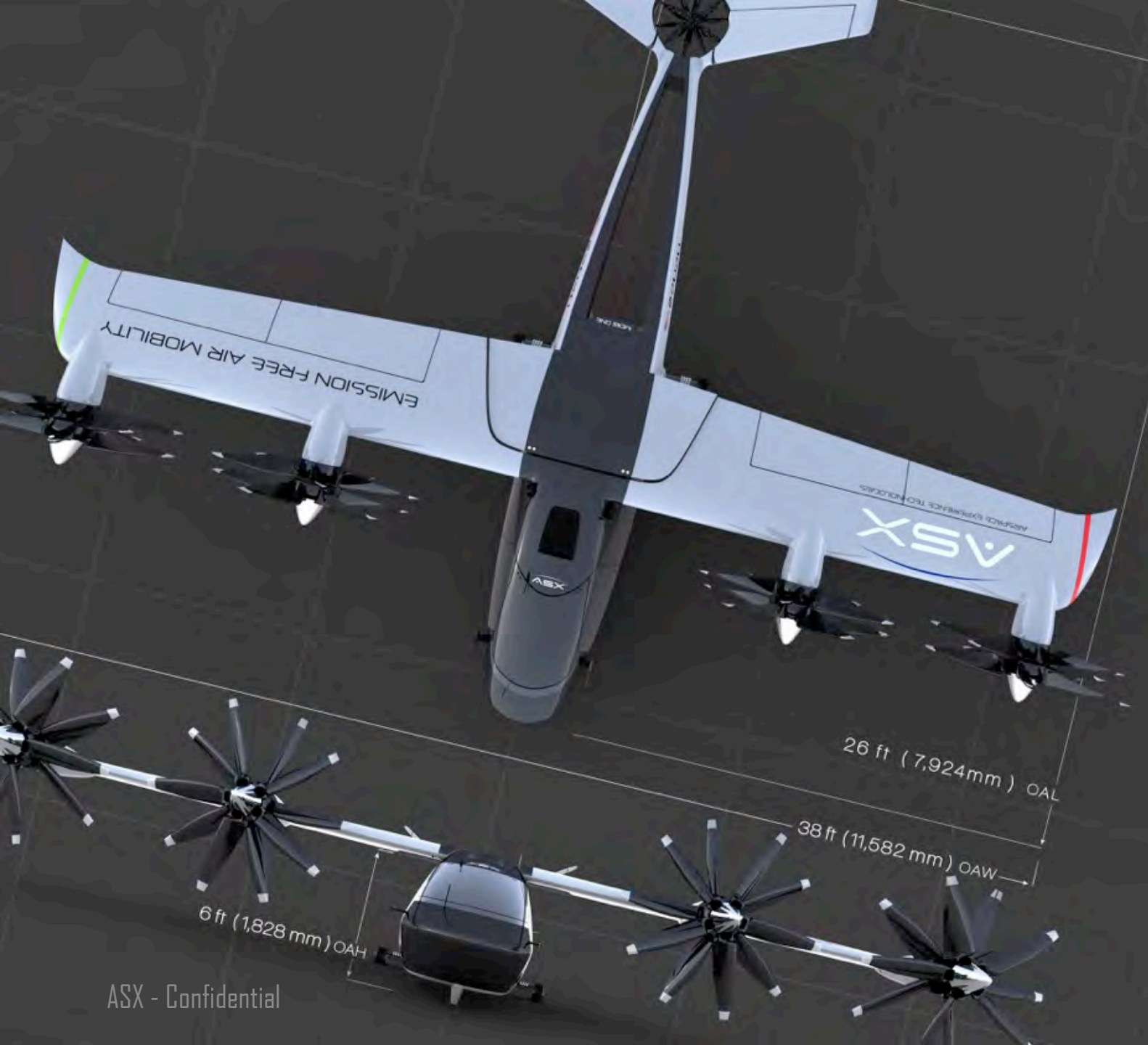
Payload Type
Passenger/ Cargo/ Medical/ EVAC

Optimal Payload:
5 passengers or 1100 pounds of cargo

Flight Control:
Pilot assisted and fully autonomous

Communication:
DSRC (V2X)

Power train:
Hybrid electric or full electric



MOBi-One User Experience

Spacious Cabin

WiFi Enabled

Low Noise

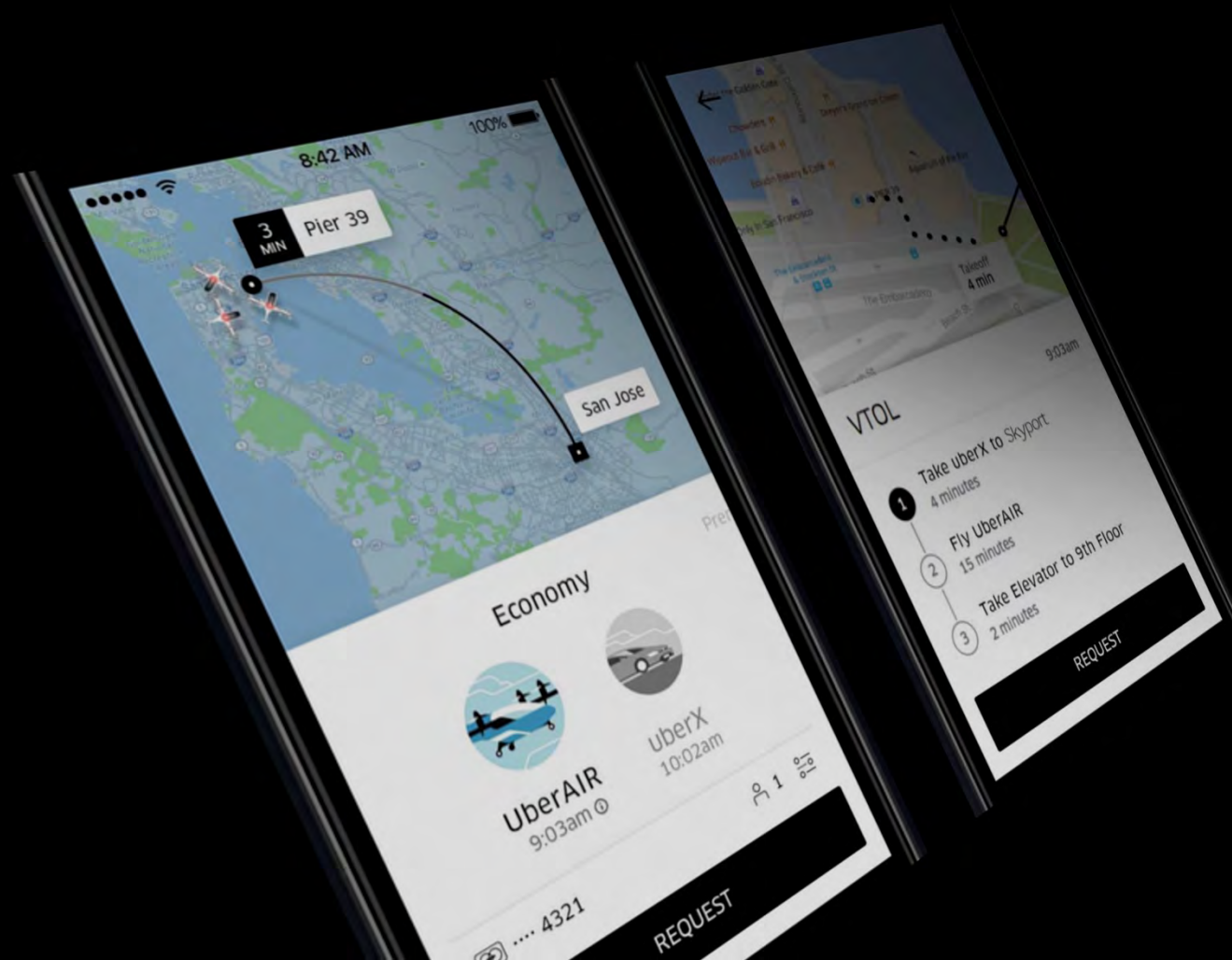


CONCEPT VEHICLE





MOBILITY AS A SERVICE COUPLED TO AUTONOMOUS FLIGHT



THANK YOU | @AirspaceXP www.iflyasx.com



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