



urban  
movement  
labs

# Citizens Advisory Council - An Introduction to Urban Air Mobility

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# What You Will Hear Today

- Who is involved?
- What is Urban Air Mobility?
- When will this happen?
- Where will this happen?
- Why Los Angeles?
- How can I get involved?





# Who is planning for this - UAM Partnership

- 1) **Engage and educate Angelenos, policymakers, and City staff about UAM to shape the future of air mobility**
- 2) Interface with the industry of OEMs, vertiports, technology, and more to **lead the advancement of the *Principles of the Urban Sky***
- 3) **Build a model for UAM policies and practices** to improve L.A.'s overall mobility network and inform other decision-makers nationally and internationally



# Who is planning for this? - UAM Partnership

- Urban Movement Labs
- The City of L.A.
- Community Stakeholders
- Industry Partners



# What is UAM?

- UAM envisions a safe and efficient aviation transportation system that will use highly automated aircraft that will operate and transport passengers or cargo at lower altitude within urban and suburban areas.
- Advanced Air Mobility (AAM) builds on UAM by incorporating use cases inclusive of rural areas





# What is UAM?

Air Metro / Taxi



Cargo Movement



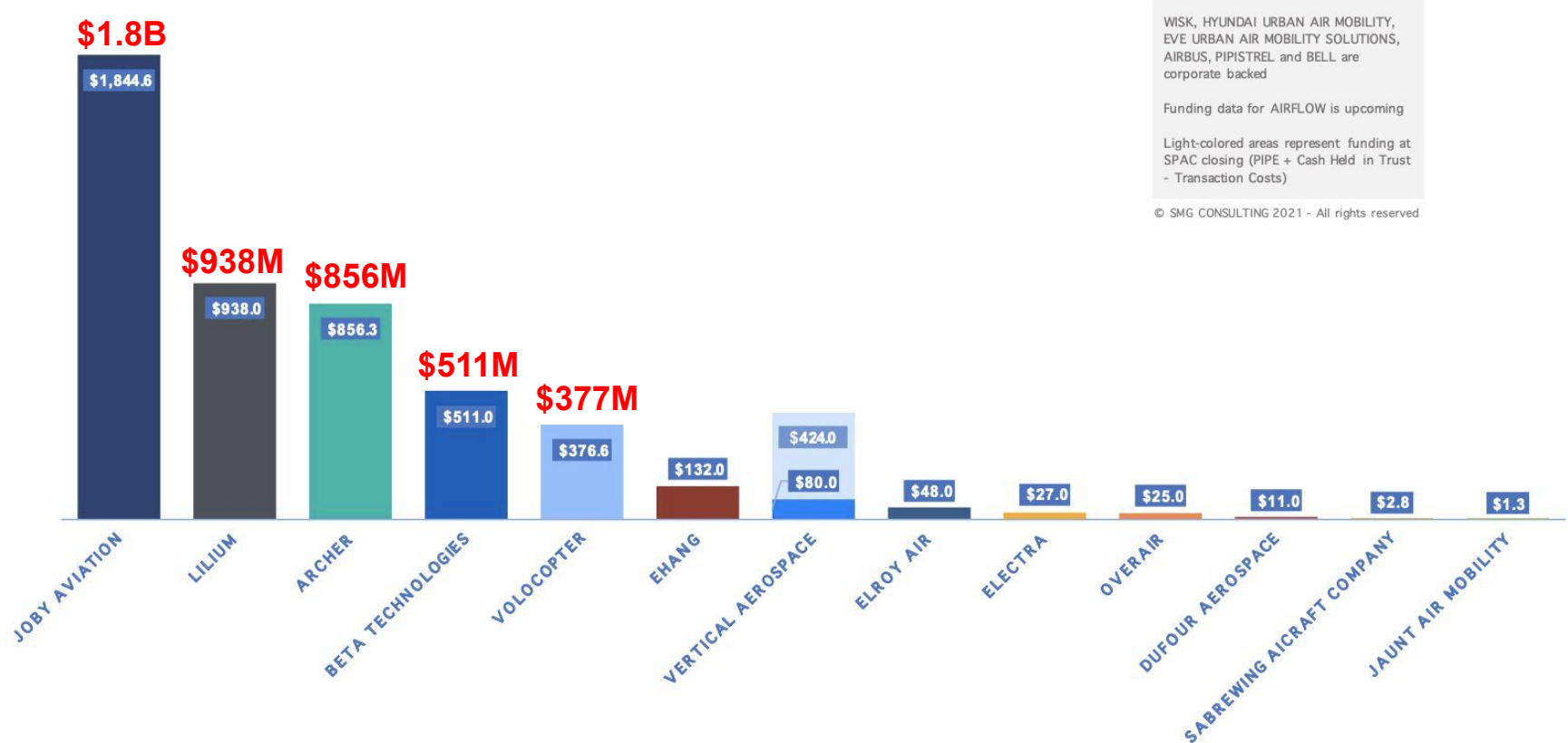
Last-Mile  
Package Delivery



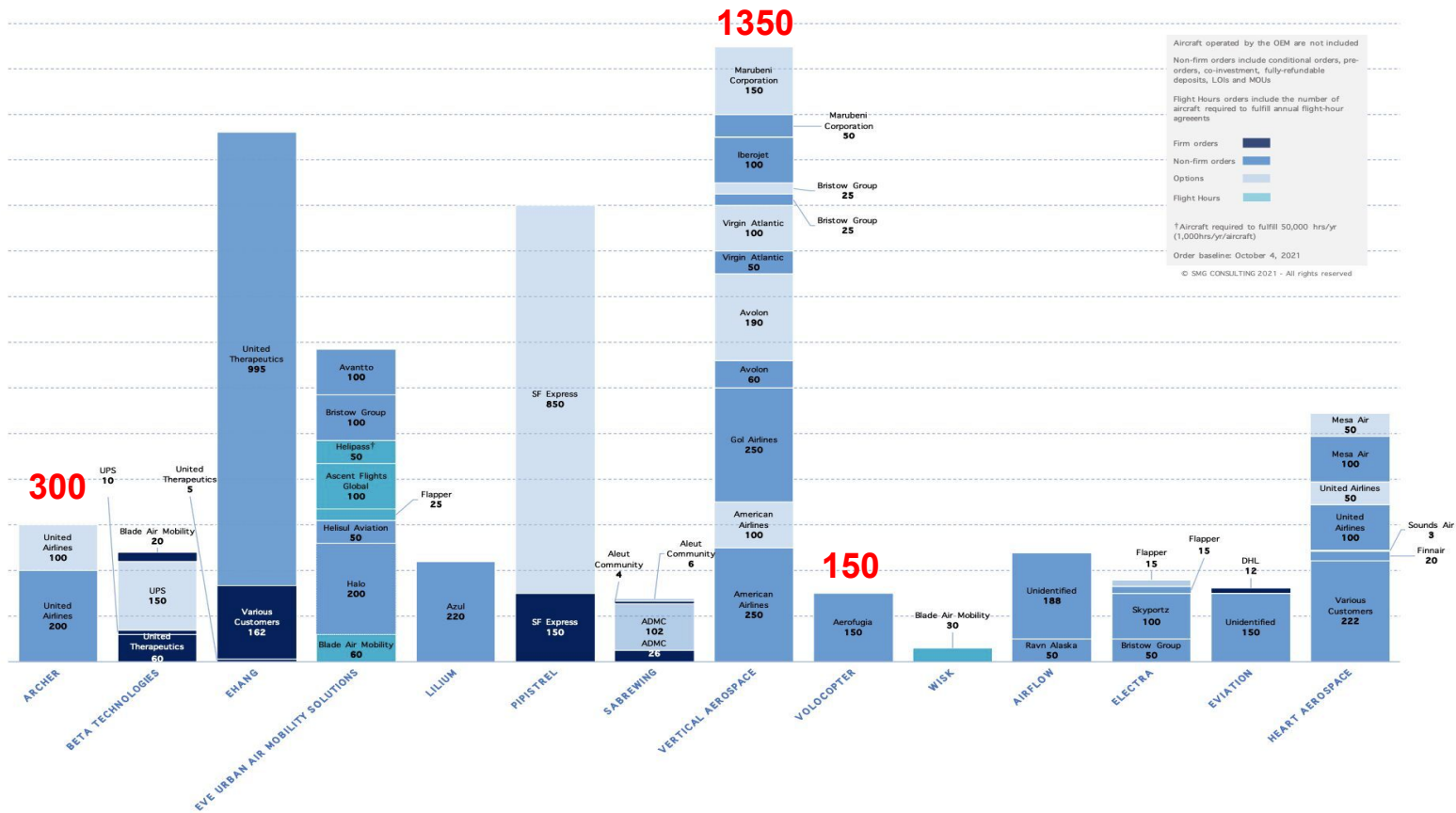
Emergency  
Management



# When will this happen? Funding



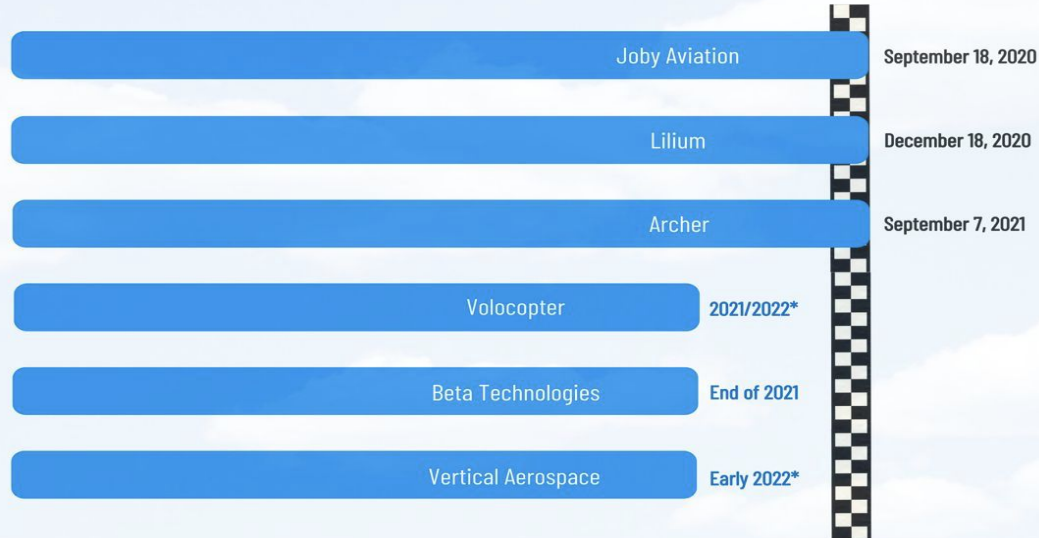
## When will this happen? - Aircraft Orders





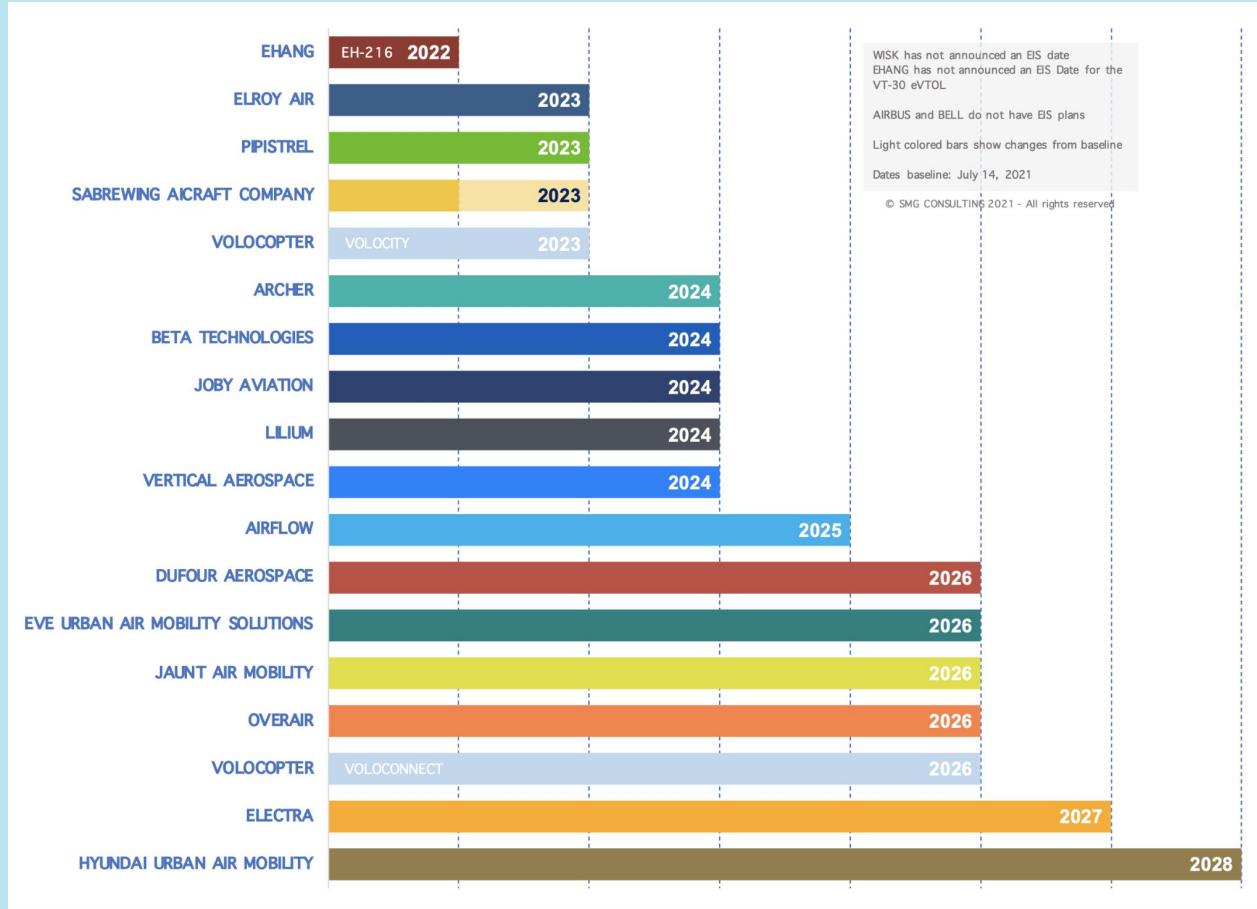
# When will this happen? - Aircraft Certification

## Progress towards G-1/CRI-A01



\* SMG Consulting estimates  
G-1 (FAA) and CRI-A01 (EASA) are equivalent

# When will this happen? - Service Entry



# Where will this happen? - Existing Buildings





# Where will this happen? - Existing corridors



# Where will this happen? - Greenfield





# Where will this happen? - Integrated

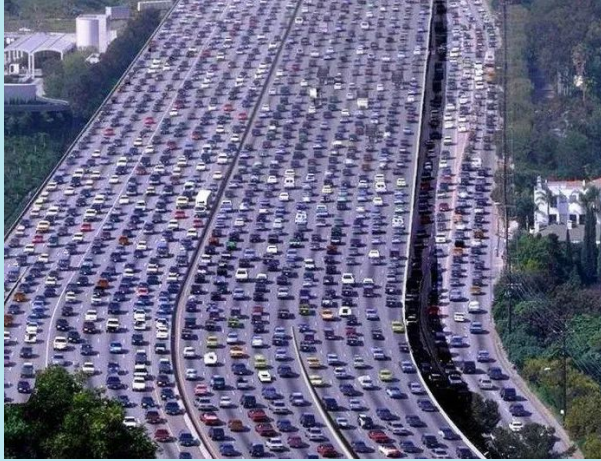




# Where will this happen? - Airports



# Why Los Angeles? - Transportation Challenges



Must Reads: Fed-up locals are setting electric scooters on fire and burying them at sea

**Sorry, Single Passenger Ridesharing Trips Are Worse For the Environment: Research Paper**

**Carmageddon: Helicopters ease stress for LAX travelers**

July 16, 2011 | 3:28 pm

# Why Los Angeles? - Innovation

**1**  
Build a solid  
data foundation.

**2**  
Leverage  
technology  
+ design for a  
better  
transportation  
experience.

**3**  
Create  
partnerships  
for more shared  
services.

**4**  
Establish  
feedback loops  
for services +  
infrastructure.

**5**  
Prepare for an  
automated future.

**POLICY + IMPLEMENTATION + PILOTS**

**PLATFORM FOR MOBILITY INNOVATION**

**DATA AS A SERVICE + MOBILITY AS A SERVICE + INFRASTRUCTURE AS A SERVICE**

## LADOT PLATFORM FOR MOBILITY INNOVATION

Data as a Service



Mobility as a Service



Infrastructure as a Service





# How can I get involved?

- Share your ideas and concerns
- Join future meetings and outreach efforts
- Participate in the policy creation process
- Let us know who else we should talk to
- Help us engage with your constituents



# Summary

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AUGUST 2021

## **Shaping Urban Air Mobility in Los Angeles through Community Engagement**



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# Join the Movement

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