

WSDOT Aviation Division
Advanced Air Mobility (AAM) in
Washington: A Statewide Vision

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Advanced Air Mobility

- Alternative energy
 - Electric
 - Hydrogen
 - Hybrid
 - SAF
- Who flies it?
 - Crewed
 - Remote Piloted
 - Autonomous

Advanced Air Mobility

- What does it look like?
 - eVTOL
 - STOL
 - CTOL
- How big is it?
 - Drone
 - Pilot only
 - 2 – 6 pax
 - larger

USDOT eIIPP

Electric Vertical Take Off & Landing Integration Pilot Program

The eIIPP program, announced by US Transportation Secretary Sean P. Duffy, aims to transition AAM from concept to operational reality.

USDOT eIIPP

Electric Vertical Take Off & Landing Integration Pilot Program

- WSDOT was selected to participate with the Multi-State Collaborative
 - Led by PenDOT
 - Includes 13 states
 - Also includes 2 aircraft developers
 - BETA Technologies
 - Electra
- Seven other teams were selected to work with USDOT
- No funding

BETA Technologies



Electra



Advanced Air Mobility (AAM) in Washington

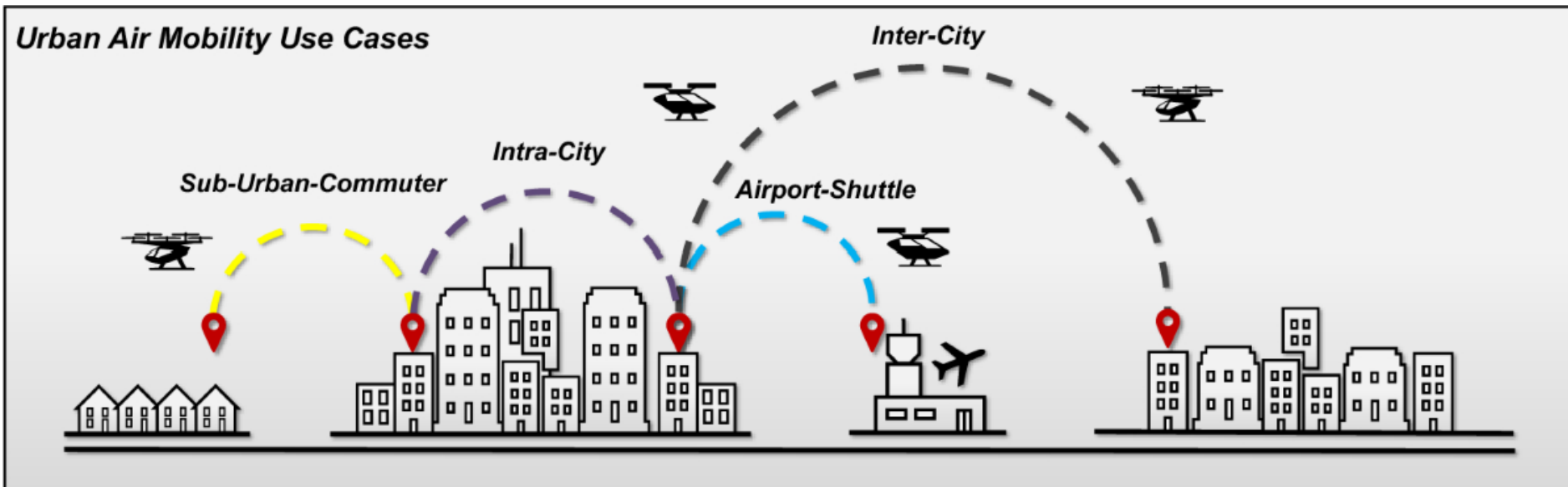
- WSDOT Goal: Integrate AAM into multimodal statewide transportation
- AAM integrates eVTOL aircraft for passenger and cargo transport
- Focus on *sustainability, resilience, and tech*

AAM Ecosystem



eVTOL Adoption in Washington

- AAM Use Cases: Air taxis, airport shuttles, emergency services, regional cargo delivery
- Improve connectivity, reduce ground congestion, and provide sustainable transportation alternatives



This Is REAL

- BETA has made several demonstration flights in WA
- WALMART has indicated an intent to begin drone deliveries
- WA Airports are electrifying
 - Installing charging services for ground vehicles and aircraft
 - Purchasing electric GSE
 - Installing solar collectors
 - Planning for sustainable future development