



Advanced Air Mobility

The future of aviation

What is Advanced Air Mobility (AAM)?



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Ohio Regional AAM Team Formation & Planning

May 2023

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Dayton Regional AAM Team

- Mission: To enable AAM market development, identify, plan and work with stakeholders on use case flights, establish AAM roadmap and set regional AAM priorities
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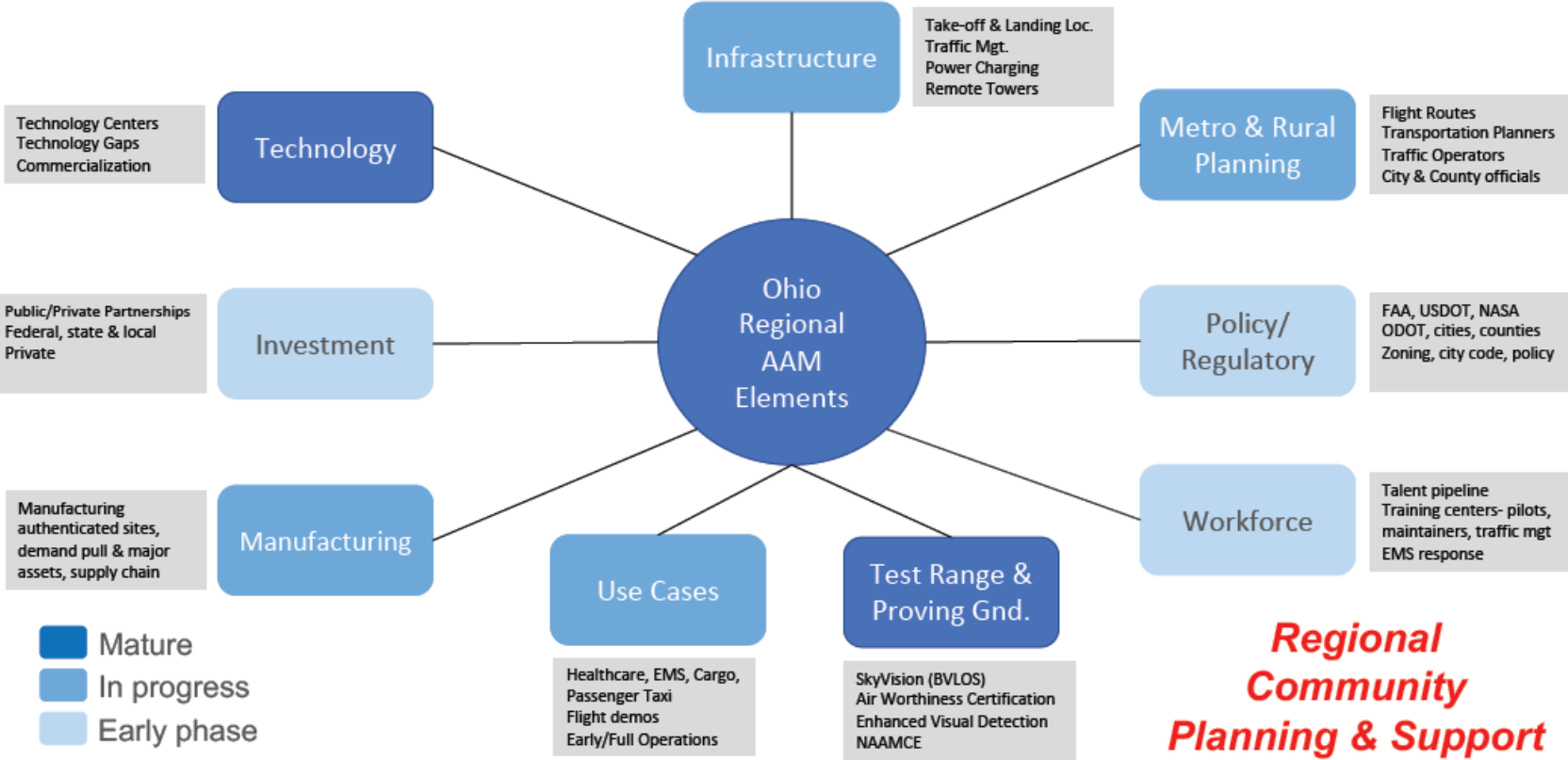
DR-AAM Team Charter

- *To lead the development of the regional AAM strategy, work with key stakeholders in community integration, piloting early use cases, developing a prioritized regional roadmap with a focus on healthcare, emergency response, cargo logistics and passenger taxi.*
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Process Focus Areas

- Asset Inventory-test, facilities, university/college talent, industry supply chain, healthcare & cargo logistics
 - Regional AAM Elements-near-term, medium/long-term priorities
 - Early Use Case identification, planning & stakeholder engagement
 - Take-off/landing locations for healthcare / cargo
- Vertipad infrastructure-power, space, parking, safety, security, cyber....etc.
 - Infrastructure planning and timeline
 - Local laws, city code/ordinance, local, state, federal
 - Funding channels-public/private
 - Community engagement-local community discussion

Elements



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Metro Planning Organizations

- MPO's
- RTPO's

Metro Planning Organizations



Metro Planning Organizations (MPOs) and Regional Planning Organizations (RPOs) are the lead organization for future transportation planning



MPOs/RPOs are critical to AAM community integration and have a well-defined planning process and structure



MPOs/RPOs largely focus on ground transportation making air transportation a new domain



MPOs/RPOs must balance the needs of regional stakeholders, transportation demands and community's unique cultural realities



Integration

Aviation is undergoing rapid change due to advancements in technology, new business models, changing consumer preferences, and other trends. These trends are poised to change the way people travel by air.

Advanced air mobility (AAM) is a broad concept focusing on leveraging these trends to include routine aviation mobility in urban, suburban, and rural communities.

[Presentation](#)



Integration Challenges

- Institutional Readiness
 - Equity
 - Community Engagement
 - Planning for Multimodal Integration
 - Funding
 - Economic Development and Workforce Readiness
 - Data
 - Operations and Interoperable Infrastructure
 - Environmental Sustainability
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Potential USE Cases

- Healthcare
 - EMS
 - Cargo
 - Regional Air Mobility
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Going Forward

- DR-AAM Team expansion
- Element Task Team development
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