

Ohio

Aerospace &
Aviation Council

OAAC Committee Meeting Update to OAATC

Carlos Grodsinsky, Ph.D. – OAAC Chair

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OAAC AND OAATC

OBJECTIVES/GOALS AND INTERFACE

Project Identification

- Aligning and identifying possible teaming and partnership arrangements with OFRN – opportunities to support accelerated/proactive engagement of Ohio aerospace industry firms based on projects, ex. MRO-CoE, Mobility-hyperloop, FlyOhio...

Industry and Aviation/Aerospace Stakeholder Recruitment

- Value proposition and strategy package to engage and recruit broader industry participation and interfaces with legislative OAATC membership.
- Opportunity Team Leader Points of Contact engaged with broader community
- COSI partnership for aviation/aerospace experiential STEM learning and career path alignments

State Integrated Alignment

- Formal representation on OFRN and OAATC, membership also representative of State stakeholders, and Regional organizations
- OAAC and OAATC engagement with gubernatorial campaigns to establish reference and industry/aviation-aerospace coalition points of contact

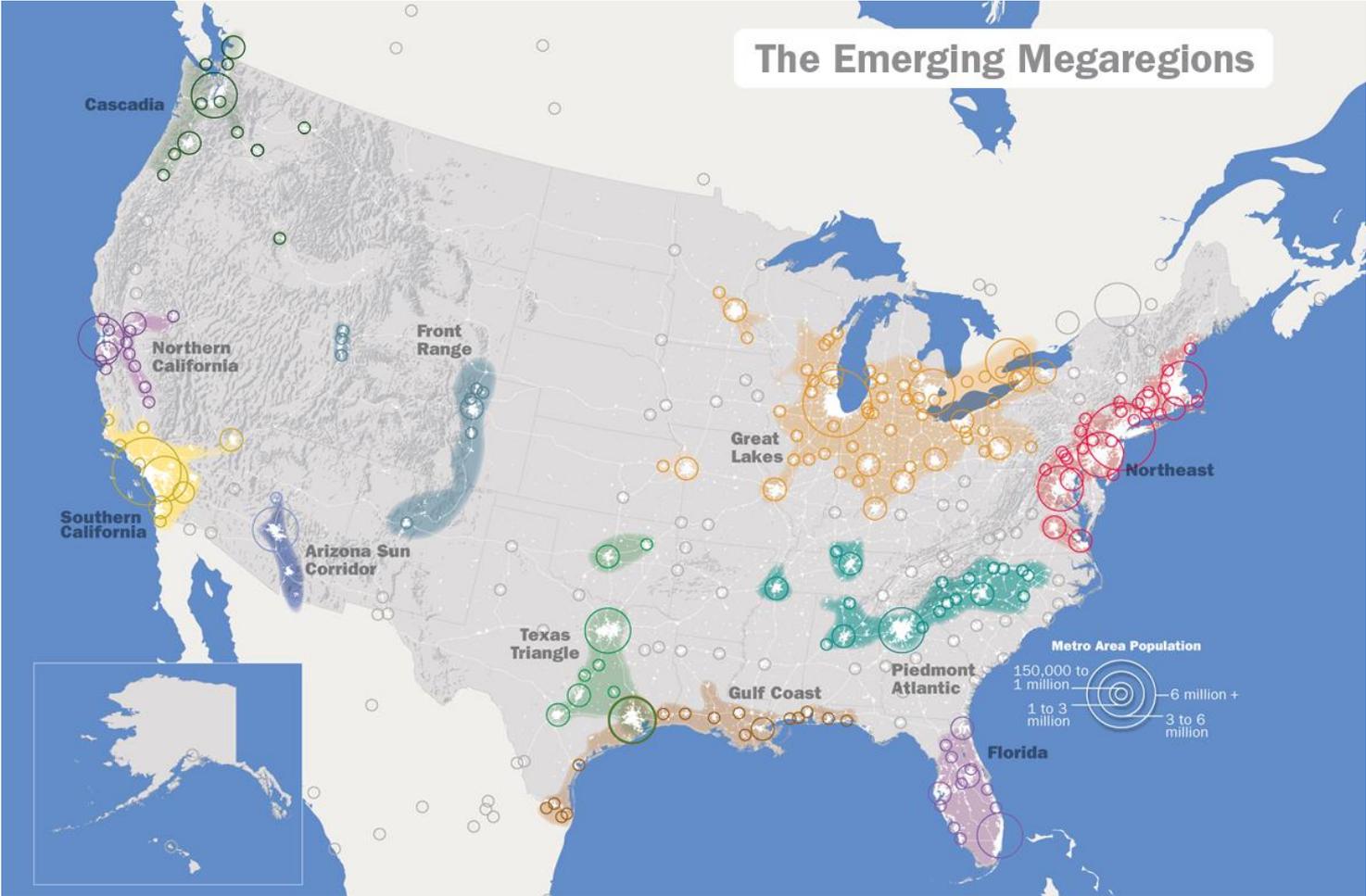
OAAC Project Area Status

- NextGen - Airspace Navigation System and Integration of UAS into National Air Space – Unmanned Traffic Mgt.
 - Develop FAA project with partner airports to establish NextGen capabilities and milestones
- Unmanned Aerial Systems (UAS) Area
 - Support the DriveOhio – Ohio UAS Center in the development of short, mid and long term goals and objectives for Ohio UAS industry
 - FlyOhio Initiative – Enabling lower altitude airspace advanced UA/UAS activities, i.e. data collection, logistics, interfaces with Gnd. Modes of Transportation. Areas include the 33 autonomy corridor, Gnd Based Detect and Avoid radar implementation and operations in Springfield (Air Force partnership, industry engagement...)
- Maintenance, Repair and Overhaul Center of Excellence (ARMO- Aerospace Repair, Maintenance and Overhaul)
 - Framework for launch development, coalition of CoE stakeholders and supporters establish
 - IP for next generation repair of high value propulsion parts identified, ex. Blisk repairs

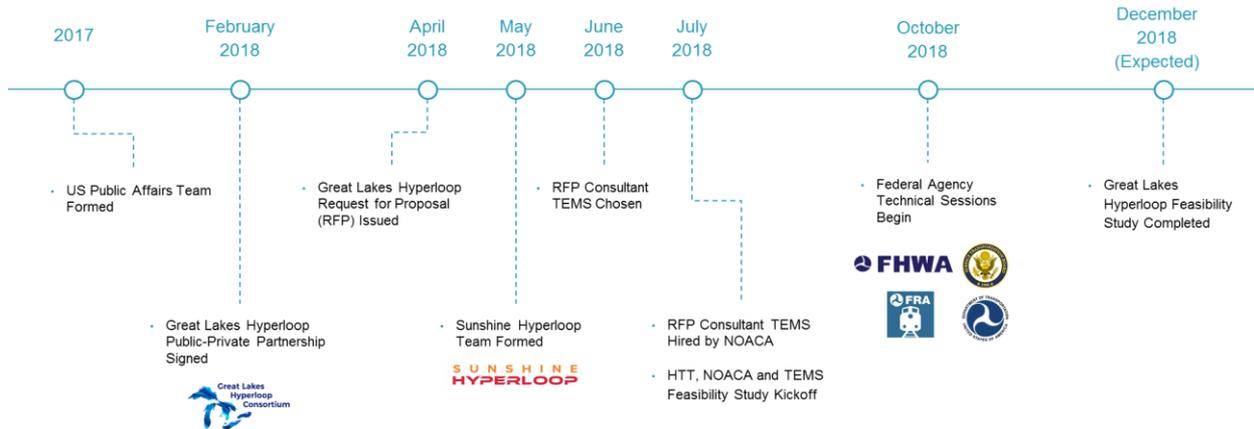
OAAC Project Area Status (cont.)

- Urban autonomy and mobility Ohio
 - Hyperloop studies underway for Chicago – Cleveland Corridor, and Chicago – Columbus Corridor (two main industry leaders are in Midwest region – Hyperloop Transportation Tech. and Hyperloop One)
 - Support public private partnership opportunities and innovation cluster development associated with interfaces and overlap of technologies, i.e. first/last mile operations, hyperloop systems technologies with aerospace sector, autonomous corridor and first last mile operations...
- Featured Status
 - Leveraging Midwest Mega-region to drive next generation mobility, i.e. NextGen – NAS, UTM, Hyperloop
 - FlyOhio timeline milestones
 - Corridor Timelines

The Emerging Megaregions



HTT – NOACA Timeline – Chicago – Cleveland Corridor



Rapid Speed Transportation Initiative (RSTI) – Timeline – Chicago – Columbus – Pittsburgh Corridor

