

Urban Air Policy Collaborative™ Information

The UAPC is a cohort-based educational and networking opportunity for local decision makers



Urban Air Policy Collaborative™ (UAPC) Description

The Urban Air Policy Collaborative is an ongoing CAMI program which provides a structured forum for state and local jurisdictions to discuss advanced air mobility (AAM) issues, questions and strategies, and develop policies and best practices. It offers the benefits of a collective voice as communities work with industry and regulators to implement AAM. As part of the UAPC, CAMI offers 5-month long cohorts for small groups of jurisdictions to learn about urban air mobility through workshops, guest speakers and discussions around AAM topics at the local level. After participating in a UAPC cohort, graduates are invited to join the ongoing UAPC forum.



UAPC Cohort 2021A Schedule & Pricing

UAPC Cohort 2021A will meet from January - May 2021. There will be nine group meetings during this time, with a schedule to be determined after the cohort participants are set. (The cohort program follows on the next page.) The cost for participation in the cohort is \$1000 per jurisdiction; up to three participants per jurisdiction are welcome at UAPC events. Should your jurisdiction wish to join the ongoing UAPC forum after the cohort is complete, it will need to join CAMI as a member organization. The cohort fee can be applied to the membership dues for the first year.

UAPC Partnership Agreement

We hope to welcome your jurisdiction as a member of the UAPC. It is a policy of UAPC that all members read and sign the UAPC Partnership Agreement. The purpose of this agreement is to ensure that members have mutual expectations as to their respective roles and responsibilities.

For more information visit
www.communityairmobility.org or email contact@communityairmobility.org

2021 UAPC™ COHORT PROGRAM



Module 1: AAM Fundamentals Part 1: Aircraft, Air Traffic Management, and the Existing Regulatory Environment

This two part introductory module session provides an overview of AAM fundamentals. Part 1 includes an overview of ecosystem fundamentals, such as aircraft, air traffic, and the existing regulatory environment. Key topics include airworthiness, aircrew requirements, and airspace access. The purpose of this introductory module is to provide the UAPC cohort with baseline knowledge of AAM that will be used as part of broader policy discussions beginning in Module 3.

Module 2: AAM Fundamentals Part 2: AAM Operations - Use Cases, Operational Zones, Safety, and Security

This two part introductory module session provides an overview of AAM fundamentals. Part 2 focuses on the various types of AAM operations envisioned, including different use cases, the zones in which AAM will operate, and the key issues related to operational safety and security, such as personnel requirements and vetting; personnel and passenger security and comfort; and both physical and cybersecurity. The purpose of this introductory module is to provide the UAPC cohort with fundamental knowledge of AAM operations that will be used as part of broader policy discussions beginning in Module 3.

Module 3: Community and Environmental Impacts Part 1: Noise, Visual Pollution, and Privacy

This two part session explores potential challenges to the adoption and mainstreaming of UAM. Part 1 focuses on issues related to noise and visual pollution, as well as privacy over sensitive land uses. Participants will engage in a lively discussion about how prevalent these issues (both aviation and non-aviation) are in their jurisdiction, mitigation strategies that have been implemented (e.g., ordinances, building codes, enforcement, etc.), and brainstorm strategies that local communities and state governments could employ to mitigate these potential concerns with AAM.

Module 4: Community and Environmental Impacts Part 2: Data Security, Management, and Privacy

This two part session explores potential challenges to the adoption and mainstreaming of UAM. Part 2 focuses on issues related to data. Key topics will include the types of data AAM service providers may have, how data will be managed and secured, and the role of policy protecting consumer privacy and proprietary information. Participants will engage in a discussion about the types of data their agencies would like to have to inform decision making and transportation planning.

Module 5: Social Equity and Integrating AAM into the Transportation Ecosystem

This session explores the complex equity issues related to AAM, such as affordability; impacts of flights and vertiports on neighborhoods and vulnerable populations; and humanitarian use cases for AAM (e.g., emergency response, pandemic relief, and medical use cases). This session will also explore how the public and private sectors have confronted equity issues related to other innovative and emerging transportation technologies (e.g., shared mobility and automated vehicles) and discuss potential takeaways and lessons learned that may be applicable to the AAM context. Participants will brainstorm creative ideas and concepts that the public sector can do to encourage the equitable deployment of AAM.

Module 6: Planning for AAM Part 1: Land Use, Vertiports, Surface Transportation Access, and Economic Development

This session will focus on planning and implementation issues related to vertiport infrastructure and economic development. Key topics will include considerations for land use; first- and last- mile connections to public transportation; mobility hubs; and opportunities for integration with shared mobility, automated vehicles, and active transportation. This session will also discuss issues related to economic development, including opportunities for vertiports to serve as a catalyst to revitalize neighborhoods and support job creation and development. As part of this session participants will engage in a design-thinking process intended to foster ideas around best practices for vertiport planning, design, and integration into communities.

Module 7: Planning for AAM Part 2: Communications and Utilities

This session will include a discussion of the infrastructure (information technology, telecommunications, electric grid, and other utilities) necessary for AAM. Key emphasis will be placed on the types of communications and utilities needed for vertiports and how public works can prepare. As part of this session, participants will discuss the relevant stakeholders and agencies needed in the build out of this infrastructure as well as how to address tradeoffs in areas such as grid capacity, bandwidth and privacy.

Wrap Up: AAM Readiness: Applying What You've Learned

This session concludes with a recap of the entire program and prepares participants to take what they have learned back to their communities/agencies to implement AAM. The concluding session will also introduce cohort participants to the UAPC forum and next steps for those interested in staying engaged as part of the UAPC.