



# Urban Air Mobility (UAM) Working Groups

# Purpose

To accelerate the development of safe, high-volume UAM flight operations by bringing together the broad community involved in developing this new capability.

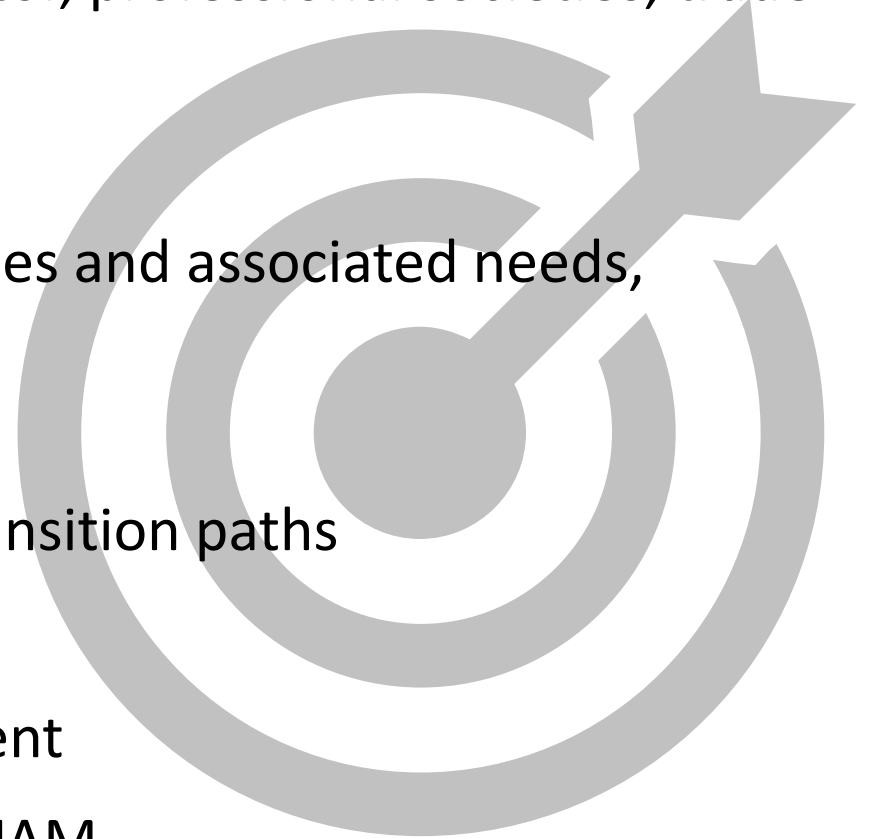




# Goals

The working groups will bring together private sector, professional societies, trade groups, government and academia to:

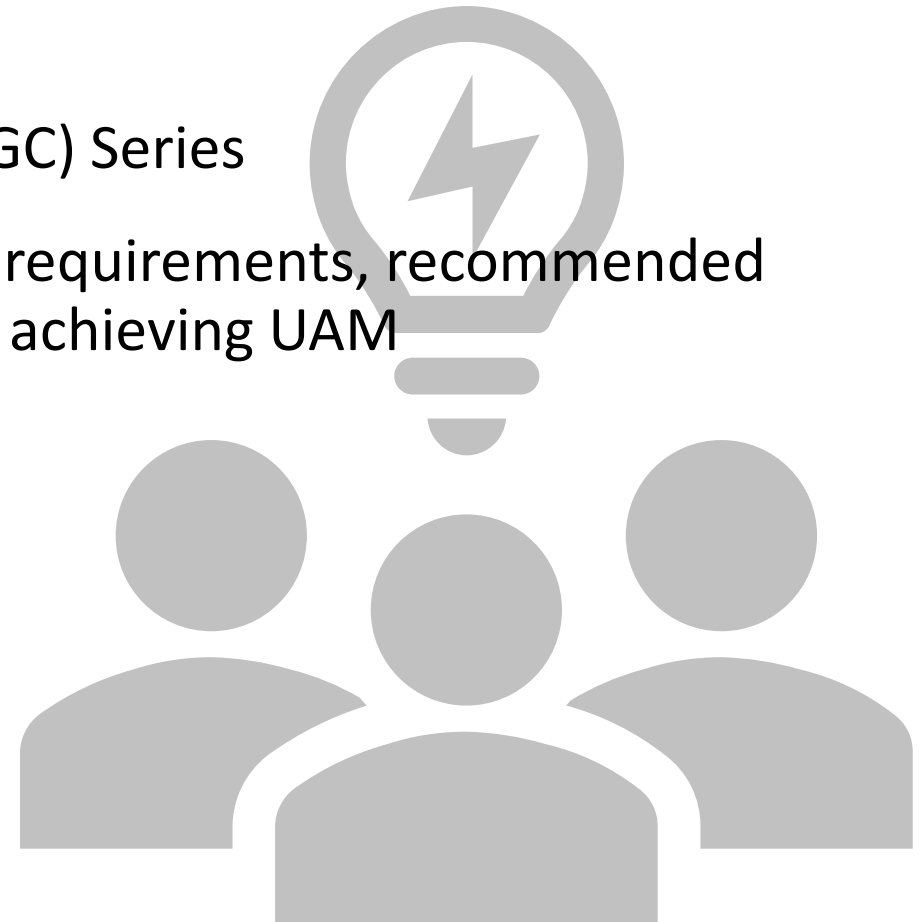
- Align on a common vision for UAM
- Collectively identify and investigate key hurdles and associated needs, including critical milestones and timelines
- Form collaborations
- Learn about NASA's research and planned transition paths
- Develop a "Book of Requirements"
- Support regulatory and standards development
- Adopt a strategy for engaging the public on UAM

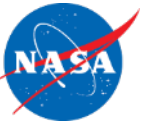


# Activities

The working groups will inform:

- Progressive goals for the Grand Challenge (GC) Series
- A “Book of Requirements” that will provide requirements, recommended practices, and other information helpful for achieving UAM
- Community and NASA R&D efforts
- Federal, local, and industry led initiatives





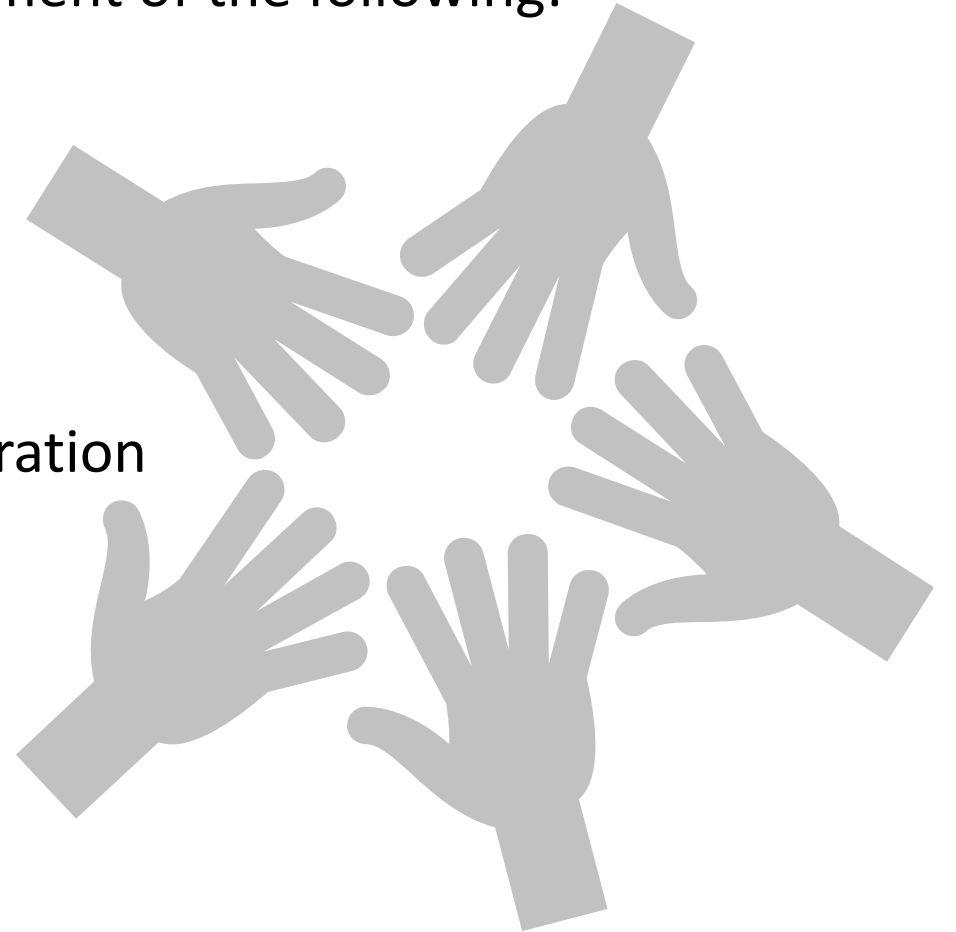
# Execution

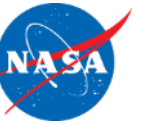
- Initial 2.5 day workshop in the Washington, DC area (March 10 – 12, 2020)
- Follow-on working group meetings will be a mix of virtual and in-person gatherings
- Seeking broad and diverse inputs, including from aircraft developers, infrastructure and airspace providers, and members of the broader community (government, venture capitalists, public interest groups, etc.)
- Meetings will function similarly to open workshops

# Outcomes

The working groups will contribute to the development of the following:

- Book of Requirements
- Industry Scorecard
- Ecosystem-wide strategy
- Final Grand Challenge scaled urban demonstration





# Scope

The working groups will be an ongoing forum for ecosystem collaboration to achieve medium density operations, including:

- 100s of simultaneous operations
- Expanded networks including closely-spaced high throughput vertiports
- Many UTM inspired ATM services available
- Simplified vehicle operations for credit
- Low-visibility operations

**Industry proposed target for completion: 2028**

# Next Steps

- Register to participate in the working groups: <https://nari.arc.nasa.gov/aam>
  - Requires a brief explanation of your organization's overall interest, long-term vision, and potential contributions (1000 characters max.)
- Join us in the Washington D.C. area for the initial workshop (March 10 – 12, 2020)

