

Economic Impact Working Group

Texas AAM Committee

Meeting #2, March 20, 2024

Agenda

- Opening remarks
- Subcommittee summaries
- Review NY economic impact sample
- Discuss economic impact of specific use cases
- Closing remarks

Subcommittee summaries

Community Integration

- Public Awareness Campaign
- Decision Maker Communication Toolkit
- Safety Training Website
- Display or Demonstration Days in communities

Funding

- State funding mechanisms
- Federal funding sources
- Quantify investments based on use-cases

Public Good and Safety Use-Cases

- Invest In UTM
- Fire and Disaster Response was the focus
- Airspace Deconfliction
- Training and Awareness
 - Create standardized training for peace officers

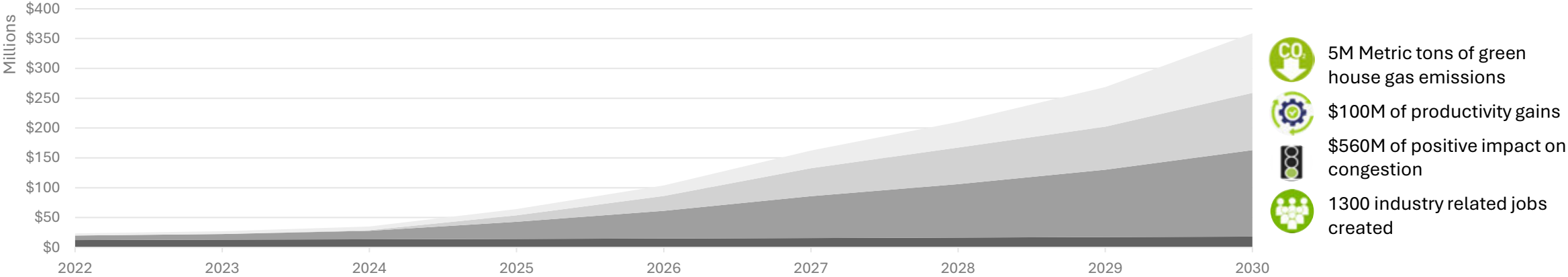
Infrastructure

- Understand infrastructure requirements
- Upgrade electrical infrastructure
- Establish AAM Routes/Corridors
- Site potential vertiport locations
- Develop State standards

Value of UAS adoption by NY State Agencies



Total Opportunity for Economic Impact



Types of Economic Impacts

- Reduced greenhouse gas emissions
- Reduced road congestion
- Reduced road wear and tear
- Reduced hazard exposure for workers
- Increased tax revenue
- Increased productivity
- Creates high-paying private sector jobs

AAM Use Cases in Texas

Existing:

- Drone package delivery—groceries/Rx/food (Frisco / College Station / Hillview)

Near term:

- Regional airport to larger airport - eVTOL shuttle
- Regional hubs to tourism destination - eVTOL shuttle (Arlington)
- Regional taxi rides - eVTOL shuttle (Brownsville)

Longer term:

- Greenfield vertiports in rural areas
- Shuttle equipment and people to remote work sites (W. Texas oil fields)

Benefits from AAM

	↓ Air pollution	↓ Congestion	↓ Road wear	↑ Tax revenue	↑ Productivity	↑ Jobs	Other
Drone package delivery	x	x	x				Medical supply delivery
Disaster supply delivery							Medical supply delivery
Airport VTOL shuttle							
Tourism VTOL shuttle							
VTOL taxi rides							

Benefits from AAM

	↓ Air pollution	↓ Congestion	↓ Road wear	↑ Tax revenue	↑ ↑ Productivity	Jobs	Other
Greenfield vertiports	x	x			x		Social benefits, walkability, improved city profile
Remote site VTOL shuttle	x	x	x	Indirect private investment	x	x	Road safety, money saved on fleet vehicles, Medical supply delivery
AAM use for faster cross-border deliveries	X	X	x				
AAM as a whole							Workforce training and

Next Meeting Dates

Economic Impact Meeting 3: **April 17**, 10:00 am - 12:00 pm

Full Committee Meeting: **March 27**, 9:00 am - 12:00 pm