

Paving the Way for AAM

Stakeholder and Community Engagement

Lisa Peterson, Airspace Link

FUTURE OF
AVIATION

Advancing Aerial Mobility
through Technology, Sustainability,
and On-Demand Flight



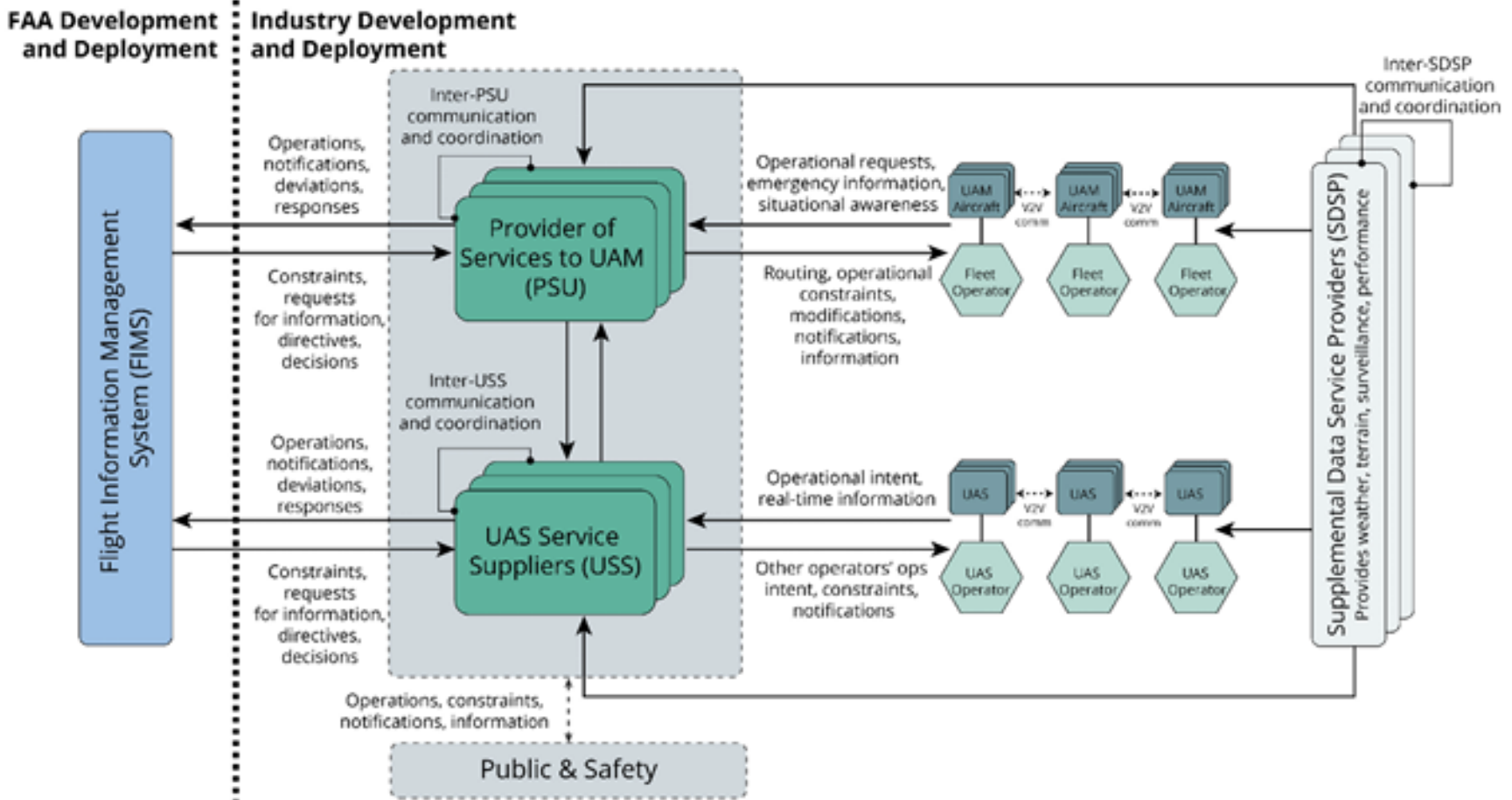
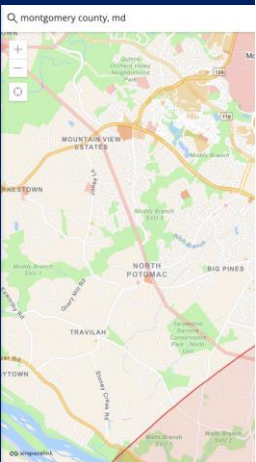
We Are Working with State and Local Governments to Safely Integrate AAM into Communities and Transform Transportation

2

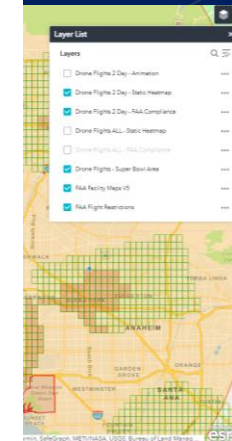


Our Role in the AAM Ecosystem

UAS Flight P



Mgt. for
es



Michigan Project

Feasibility Assessment for Development of “Corridors” for advanced UAS Operations, Paving the way for AAM

Technology Assessment & Capital Infrastructure Deployment Strategy

Safety Case Development and Approach with Regulators

Final Report



PRESS RELEASES / 2021 / 09 /

Governor Whitmer Announces Grants to Accelerate Mobility and EV Investments in the State

Kathleen Achtenberg

Wednesday, September 15, 2021

More than \$444,000 in grant funding awarded to test mobility and EV solutions in Flint, East Lansing, Detroit and Southeast Michigan and Washtenaw County



airspacelink

AirHub InSights
LABS

SUITABILITY SURFACE

POPULATION DENSITY

SUITABILITY

HAZARDS

ON DEMAND INSIGHTS

INSIGHTS DATA

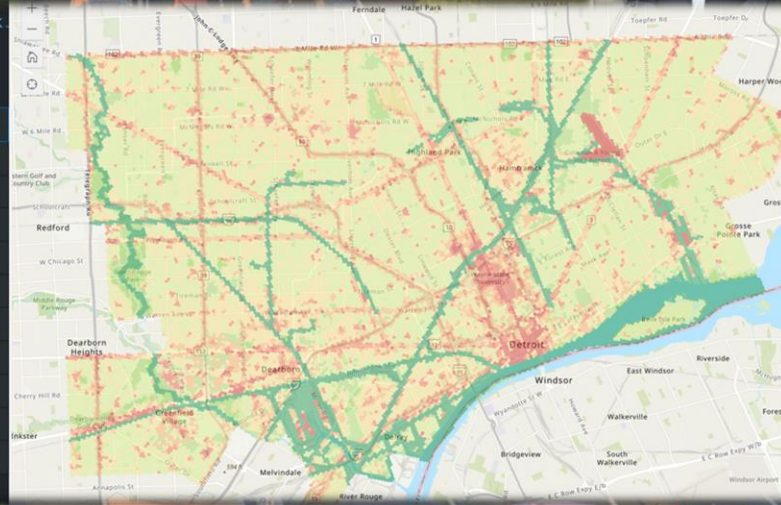
TRACKING

ROUTING

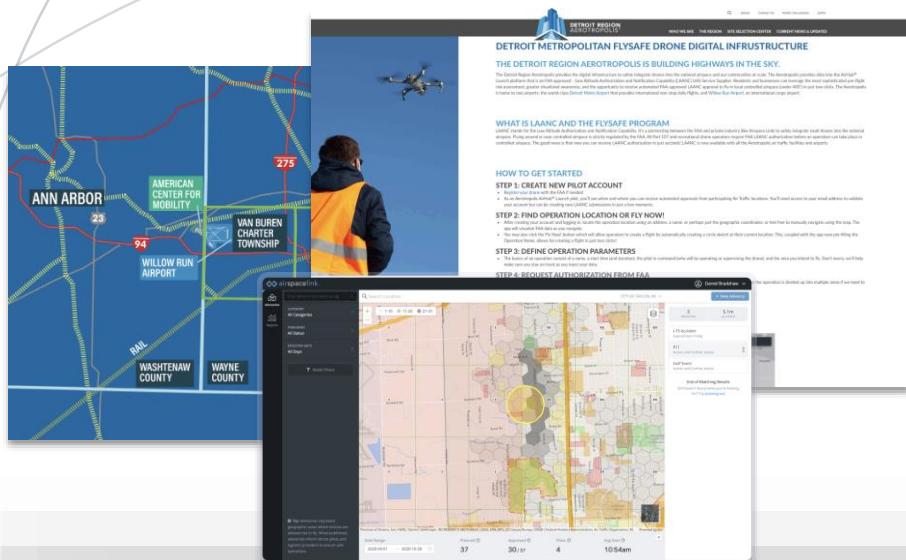
UAS REGISTRATIONS

CONOPS TOOLKIT

LIDAR VISUALIZATION



Momentum in Michigan Began With Communities



Michigan announces
autonomous corridor
connecting Ann Arbor
to Detroit

2020



UAS medical item delivery
pilot with City of Royal Oak &
Beaumont hospital



2022

2018

Airspace Link partnership with
Detroit Aerotropolis (2 airports, 4
communities, 2 counties, ACM)



2021

MDOT publishes RFP for
“Connected Air Mobility”,
adding another dimension
to CAV corridor

2022

Virtual town hall meetings with
local communities / industry
stakeholders



Community Involvement: Drones for Good

6

Concept of Operations

- Movement of medical items for Beaumont hospital
- Part 107 rules
- 10 Days; 45 flights in total
- Parking lot to Parking Lot Delivery (1 mi for UAS vs. 1.5-mile drive)

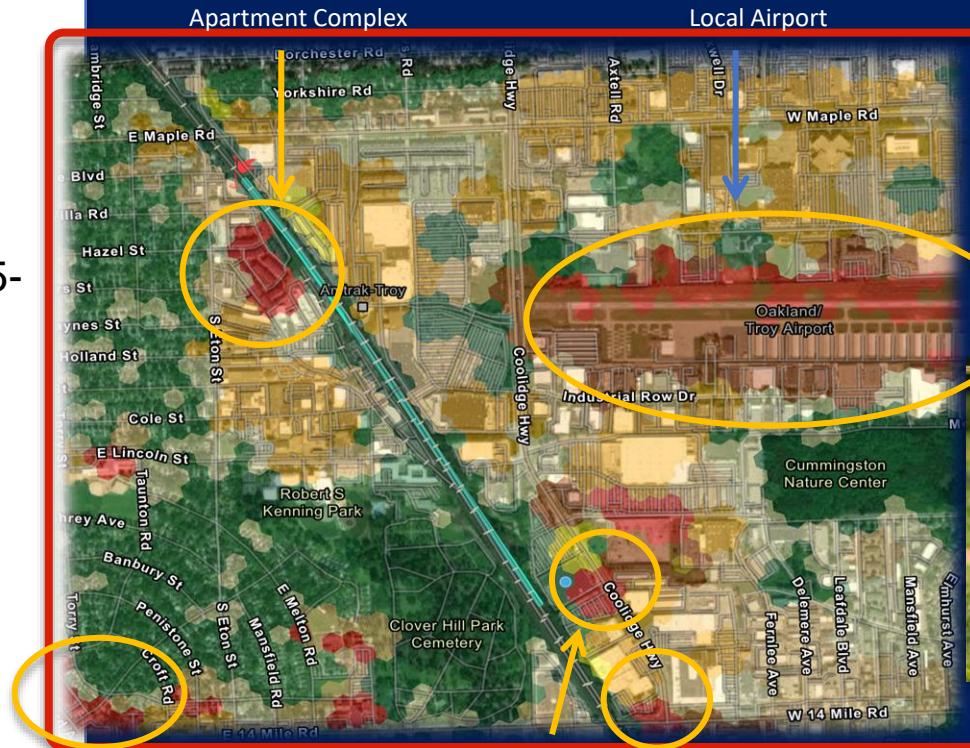
Participants:

- City of Taylor
- City of Royal Oak
- Beaumont Hospital
- Detroit Aerotropolis

Goal:

- Collect data to inform policies
- Educate participants
- Understand impacts & benefits

Area Risk Assessment



Community Engagement: Virtual Townhalls



Virtual Townhall Goals

- Align with Local Stakeholders
- Engage Local Business and Industry
- Public Awareness, Education, Engagement
- Explain Operations, Safety, Benefits
- Call to Action - Prepare, Plan for and Participate



EQUITY



80K

PEOPLE SUPPORTED WHO
LACK ACCESS TO VEHICLES

55%

OF THE POPULATION CAN
BE SERVED VIA DRONE

\$1B

IN HEALTHCARE BENEFITS
DELIVERED TO MOBILITY
CHALLENGED INDIVIDUALS

ECONOMY



\$1B

IN TIME SAVINGS

400K

INCREASE IN RETAIL
REVENUE

2,500

PREVENTABLE ACCIDENTS

**Significant
Opportunity for
Communities**

ENVIRONMENT



13%

DECREASE IN PICKUP &
DELIVERY VEHICLES

200K

TONS OF CO2 REDUCED

400M

VEHICLE TRAVEL MILES
REDUCED PER YEAR





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