

System Wide Safety August 6, 2019

Enabling Autonomy in the National Airspace Workshop
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System Wide Safety Technical Barriers



Operational Safety (Thrust 5)

Predictive Safety

Data Issues

Distributed Safety

Emergent Behavior

Current Day

Near Future

Evolutionary Path

Transformed NAS

Time to Certification

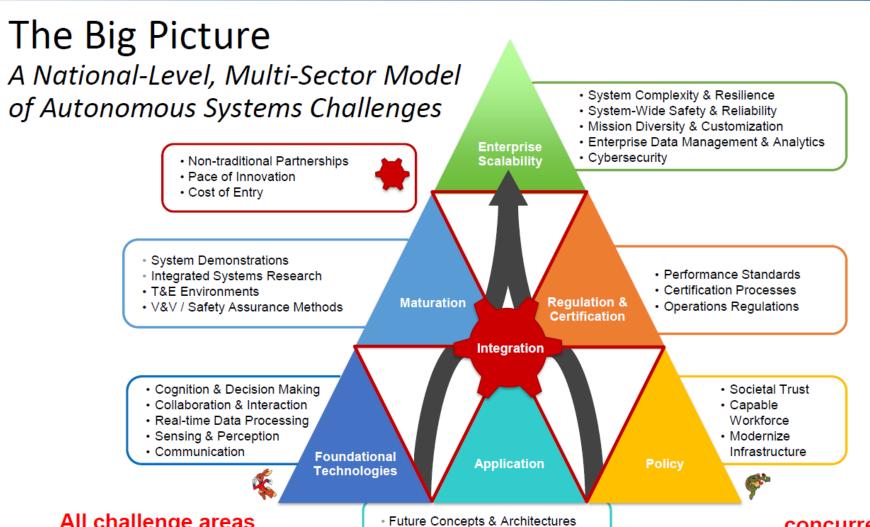
Assurance of Autonomy

Scale,
Diversity



Partnerships







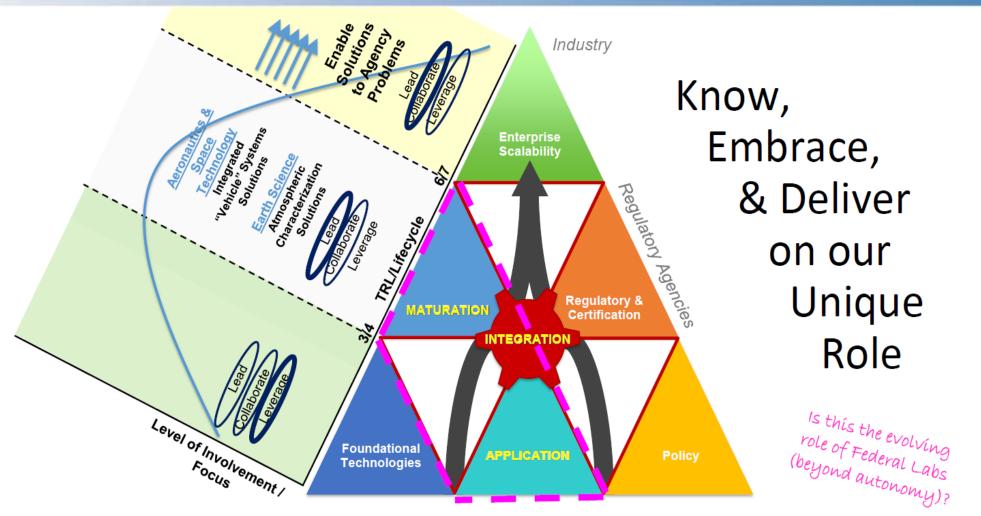
All challenge areas must be worked....

- Integrated Design & Analysis Tools
- Product/Discipline Adaptation

...concurrently & coordinated.

NASA's role







Academia, Start-ups Elected Officials