

Urban Air Mobility (UAM)



(OD Naidu, Senior Principal Engineer, Hitachi Energy, Bengaluru)

UAM Opportunities

- Pilgrimage destinations
- Leisure travels
- **Business travels**
- Air ambulances (defense)
- Border security
- Pesticide spraying
- Transmission line and windfarm maintenance

UAM Challenges

- Noise pollution
- Safety (birds, environmental concerns)
- Limited battery capacity
- Mobile networks for low altitude connectivity (5G and 6G etc)
- Traffic management (Drones, eVTOL)
- Competitive Service based pricing
- Social acceptance
- **Charging of eVTOL**

Questions to experts?

- 1. How UAM is competitive than Metro Rail Transportation in urban areas?
- 2. How UAM is better than the Hyperloop technology for urban transportation or intercity transportation?
- 3. Shall use residential complexes (apartment building) for landing?



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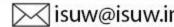






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