

Urban Air Mobility (UAM)

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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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