



# Drones for tomorrow's air cargo

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9 December 2020



# Drones & aviation

- **Threats** to safety and security
- **Challenges** to airspace integration / air traffic management
- **Opportunities** for new routes, customers and revenues
- **Opportunities** for societies and economies: hard-to-reach communities, urban air mobility, humanitarian relief, emergency response to pandemic



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# Cargo drones – potential use cases



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- Last mile delivery – e-commerce, postal
- Specialized delivery – emergency
- Specialized delivery – hard-to-reach (topography, natural disaster, conflict zones)
  
- Secondary transport legs – thin routes
- Drone feeder service, replacing road feeder service
- Unmanned and cheaper option than traditional manned vehicles
- Zero emission vehicles options
- New point-to-point routes, using small airports





# UAVs will support aviation's profitability



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- Opening new routes
- Serving new customers
- Developing business
- Expanding expertise
- Diversifying activity for small airports
- Competing with road transport
- Helping to achieve CO2 reduction targets



# TIACA welcomes cargo drone players



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TIACA is The International Air Cargo Association representing and uniting ALL air cargo stakeholders.

As such, we want to widen our membership and include non-traditional air cargo operators, including novel transport providers:

- Unmanned aircraft manufacturers and operators
- Airships
- Hyperloop

