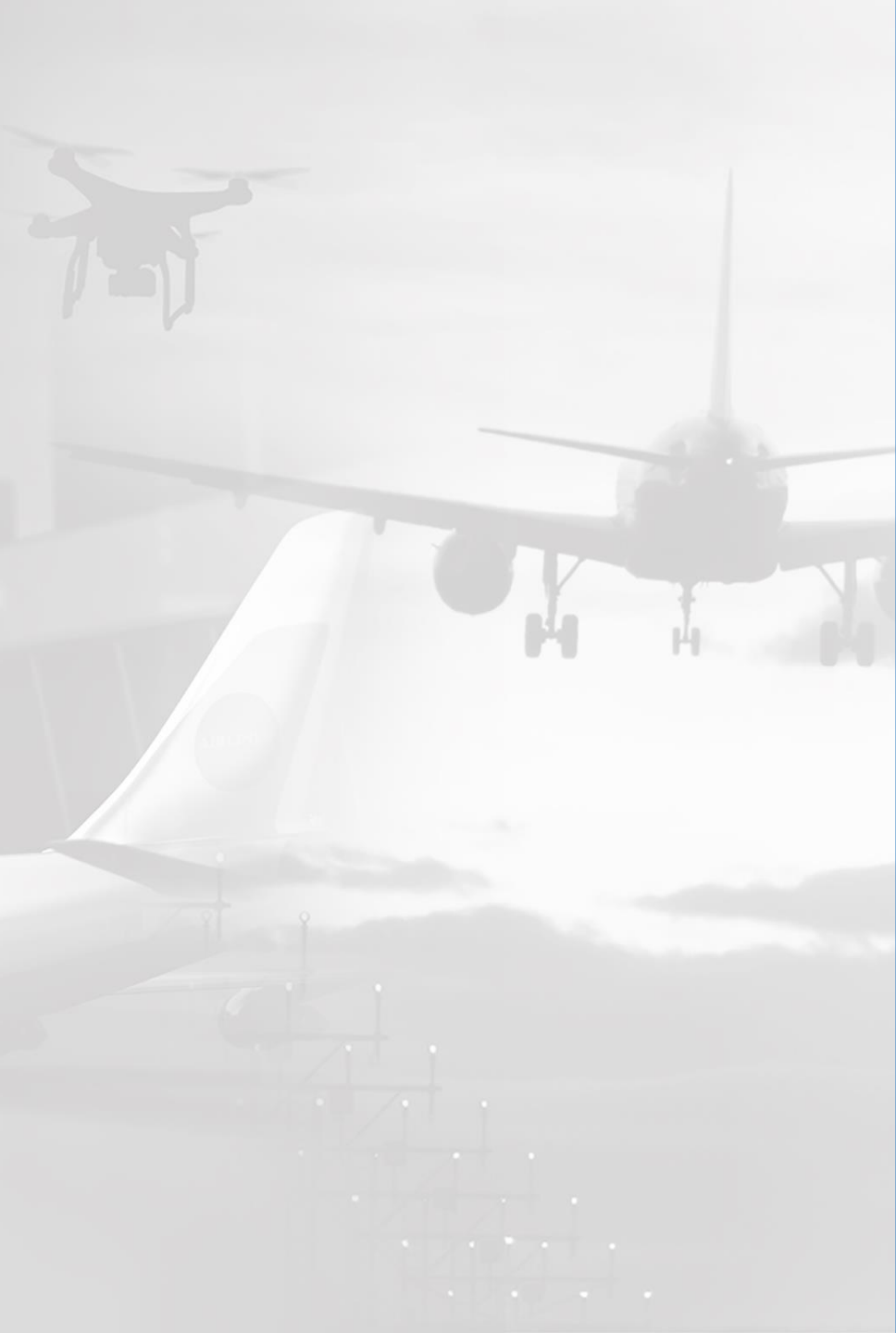




What is Advanced Air Mobility?

- The vision of AAM is that of a safe, accessible, automated, and affordable air transportation system for passengers and cargo capable of serving previously hard-to-reach urban and rural locations.
- Many of these aircraft are Unmanned Aerial Vehicles, or UAVs, meaning they are self-flying or autonomous.

Why Advanced Air Mobility in Humanitarian Aviation?

- It is considerably cheaper to use UAS compared to manned aircraft
- You can operate the UAS (more flexible / closer) where it is needed hence improving image quality and resolution for mapping
- Most UAS are battery driven hence considered the more environmentally friendly option



Photo courtesy Globhe

Why Not Advanced Air Mobility in Humanitarian Aviation?

- The regulatory framework is often not in favor of it
- Completely pilot free UAS with no drone pilot in the close proximity is still limited and will be so in the next years due to most countries not in favor of Beyond Visual Sight
- Many UAS (particularly the ones seen as cost efficient) still lacking the full technical capacity to conduct those flights

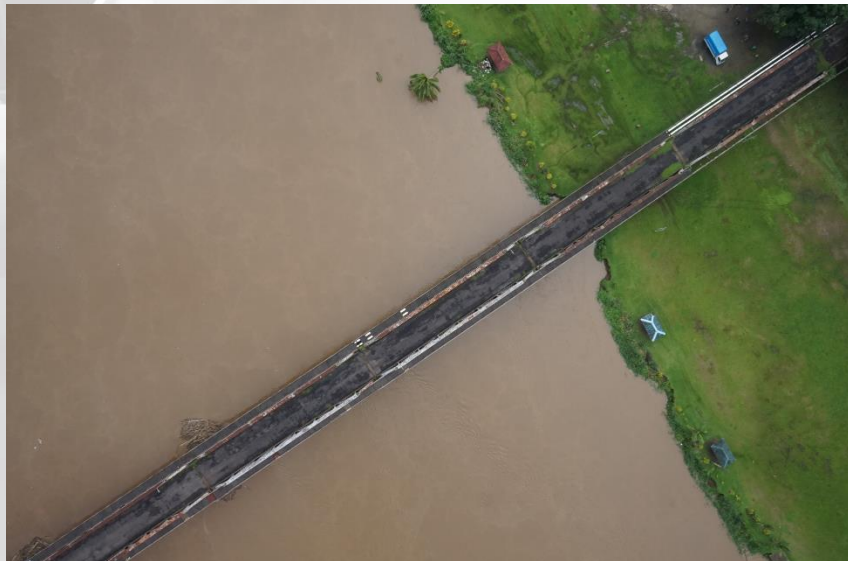
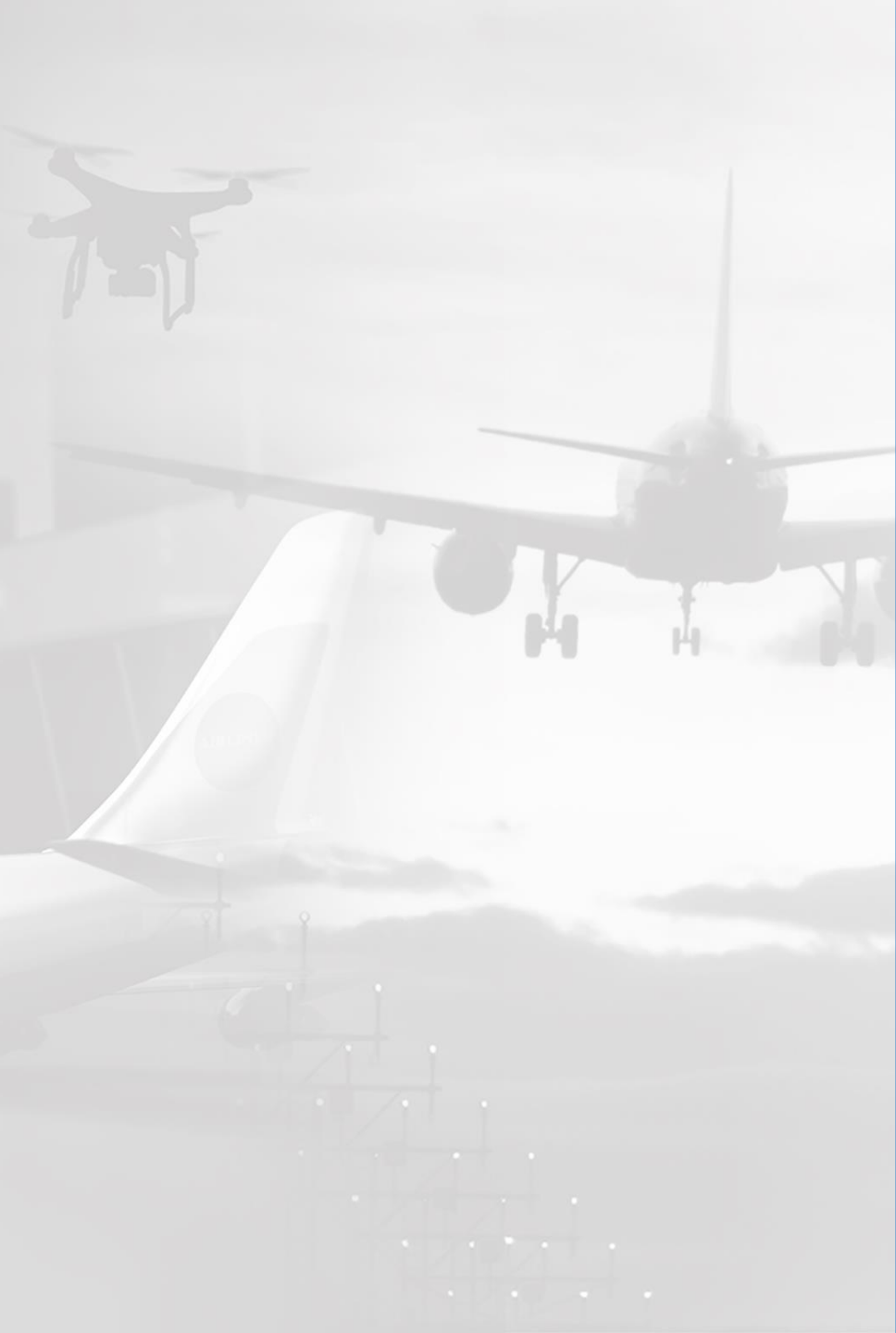


Photo courtesy Globhe

International Collaboration

- The FAA championed the formation of the new ICAO AAM Study Group
- The group is identifying the many facets of these new aviation technologies that the relevant ICAO technical panels must address to ultimately develop SARPs for AAM in the future.





Questions?