



## Regs & Ops meeting #10 UAS Coordination Technical Working Group

09.02. 2022

### Tour de table

Organization	Contact
IOM	Ancavil Sebastian
IOM	Andy Jaques
Swift Lab	Anne Nderitu
Polytechnic of Turin	Alessio Calantropio
OICT	Arturo Ojeda Demaria
Red Cross	Brent Connelly
Emergency.lu	Catherine Kayser
HHI	Caitlin Howarth
MINUSMA	Christine Wachira
RescUAV Global Medic	Daniel Cyr
Independent	Daniele Travaglia
World Bank	David Guerin
Flight Safety Foundation	Deborah Kirkman
Independent	Faine Greenwood
Polytechnic of Turin	Filiberto Chiabrande
ICAO	Jose Tomas Odi
Global Medic	Jowett Wong
ICAO	Anne Grimal
WHO	Louis ILUNGA KALUBI
USAID	Melanie Mason
GlobHe	Mikael Costa Pinto
University of Zurich	Ning Wang
VillageReach	Olivier Defawe
UNICEF	Tautvydas Juskauskas

<b>University of Porthsmouth</b>	Toby Meredith
<b>SWOOP Aero</b>	Zac Kennedy
<b>WHO</b>	Zinedine Kada
<b>WFP</b>	Oleg Aleksandrov
<b>WFP</b>	Patrick McKay
<b>WFP</b>	Jean Claude Atassa Laouwayi
<b>WFP</b>	Jo Gillespie
<b>WFP</b>	Matthias Boyen
<b>WFP</b>	Masa Sabbah
<b>WFP</b>	Dubem Umeasiegbu
<b>WFP</b>	Irshad Khan
<b>WFP</b>	Tommaso Brait
<b>WFP</b>	Lara Prades
<b>WFP</b>	Fabien Bonnassie

*Opening remarks by Olivier Defawe welcoming everyone to tenth session of the Regs and Ops group*

Introducing Zac Kennedy; Zac leads the regulatory engagement in current and future area of operation for Swoop. He worked at the Civil Aviation Safety Authority in Australia and as well as Qantas Group where the focus was on regulatory engagement and safety management, in addition to group insurance.

*Swoop Aero Humanitarian UAS Operations presented by Zac Kennedy*

Please find the presentation slide [here](#) with the following discussed:

- Overview of Swoop Aero
- Areas Swoop Aero works in:
  - o Medical Delivery
  - o Emergency Management
  - o Mapping and Monitoring
  - o Search and Rescue
- Systems that allow Swoop Aero to operate and work on the above-mentioned areas:
  - o Aviation Hardware- proprietary aircrafts hardware enabling fast, safe, reliable, and efficient transport
  - o Technology Suite- proprietary software powering global operations and autonomous remote flight
  - o Logistics- specialist team building strong operational and logistics network
  - o Engagement- specialist team leading and facilitating stakeholder and regulatory engagement
- Key impact stats in Malawi
- Operational Challenges
  - o Covid19, Travel, and Remote Operations- massively disruption to the way international organizations could provide on the ground services and required operational innovation

- Supply Chain Management- the pandemic took a sledgehammer to existing supply chains for components and parts integral to scaling up services
- Aircraft, Maintenance, and Parts- disrupted supply chains limited the pace of manufacturing to meet both operational and scale-up demand
- Regulatory Environment and Framework- the regulatory environment varies wildly country-to-country, with different risk appetites, levels of maturity, and levels of acceptance
- Key learnings:
  - Local workforce and community support
  - Flexibility and adaptability of the team and system
  - Minimizing the complexity of the system

*For the Q&A session please follow the recording (minute 19:45 – 56:15)*

***Next Technical Working Group will focus on the Ethics thematic area (Current state of play of ethics in the drone space, and how that feeds into practical considerations around data protection and aircraft identification) ; the meeting will be on 09 March 2021***