



## Plenary meeting #2 UAS Coordination Technical Working Group

20 Jan. 2021

### Tour de table

Organization	Contact
Independent	Faine Greenwood
ICRC	Halid Kayhan
OICT	Arturo Ojeda Demaria
ICRC	Alexis Clere
AIRT.NGO	Andy Jaques
ICRC	Brenda Ayo
Luxembourg MFA	Catherine Kayser
IOM	Christina Vasala Kokkinaki
AIRT.ngo (Airborne International Response Team)	Christopher Todd
GlobalMedic	Daniel Cyr
Independent	Daniele Travaglia
World Bank	David Guerin
510 (Netherlands Red Cross)	Joachim Ramakers
American Red Cross	Daniel B. Joseph
Flight Safety Foundation	Deborah Kirkman
WFP	Dubem Umeasiegbu
WHO	Gaetano Morelli
WHO	Louis Kalubi
Ericsson Response	Lars Peder Svensson XX

<b>Ericsson Response</b>	Lars Ruediger
<b>WFP</b>	Irshad Khan
<b>Polytechnic of Turin</b>	Filiberto Chiabrande
<b>Polytechnic of Turin</b>	Alessio Calantropio
<b>rss hydro</b>	Margherita Bruscolini
<b>UNICEF</b>	Zuheb Siddiqui
<b>GlobHe</b>	Mikael Costa Pinto
<b>UNHCR</b>	Min Sun
<b>University of Zurich</b>	Ning Wang
<b>Village Reach</b>	Olivier Defawe
<b>MSF</b>	Raphael Brechard
<b>ICAO</b>	JC Shine
<b>UNICEF</b>	Tautvydas Juskauskas
<b>FCDO</b>	Tarah Friend
<b>WFP</b>	Christos Panayi
<b>IOM</b>	Sebastian Ancavil
<b>WFP</b>	Gabriela Alvarado
<b>WFP</b>	Patrick McKay
<b>WFP</b>	Matthias Boyen
<b>WFP</b>	Masa Sabbah
<b>WFP</b>	Jo Gilespe
<b>WFP</b>	Hugo Duplessis
<b>WFP</b>	Oleg Aleksandrov
<b>WFP</b>	Leva Lebendiene
<b>WFP</b>	Jean Claude Atassa Laouwayi
<b>WFP</b>	Sofi Rosa
<b>WFP</b>	Omar Namamoui

*Opening remarks by Matthias (chair of the Imagery TWG) welcoming everyone to the second plenary meeting*

Starting off, a word from Chief of IT Preparedness and Response, Gabriela Alvarado thanking all members who have joined the TWGs and showing gratefulness not only to the high engagement level but also the diversity within the participants. Seeing the different presentation in different groups, from the presentation of GlobalMedic in the Imagery group and the presentation of Politecnico di Torino and presentation by INGC, to other presentation in different groups like Ericsson Response presentation and Government of Luxemburg presentation in the Connectivity TWG and so on.

*Updates from each TWG by their chair:*

- *Ethics TWG by Christos*: the handload of the group has been the HHI presentation on the updated UAviators code of conduct; the group started off small, but the interest grew in the next session and the participants have increased. Faine Greenwood was selected as co-chair of the group and the ToR that entails the purpose and the objectives of the group was drafted in line with the projects TOR. Inputs on the UAviators code of conduct is being collected from participants to be given as a consolidated feedback.
- *Regs and Ops TWG by Jo and co-chair Olivie*: so far there has been three meetings, the first meeting the highlight was the finalization of the ToR document and the election of Zuheb from UNICEF to lead the regulation sub-group and Olivie to lead the operation sub-group. The group has also discussed what would be the most useful way in defining from the Ops and Reg point of view what can help if a country office wants to ingrate the use of drones. In the second meeting we had the chance to for the Civil Aviation of Malawi and the Secretary of the UAV Steering Comity to present their toolkit which is a tool to help anyone who is interested in deploying drone in Malawi in the operations standpoint, for example: what are the steps that need to be taken, who are the key contacts, what are the type of approvals needed... etc. The group also had the pleasure to have ICAO talk about the resources that are available for everyone to use for the purpose of helping develop the local regulations. It's important to point out that ICAO does not have the financial resources to help every civil aviation in various countries and this has resulted in reflection on how the Regs and Ops TWG can help ICAO to achieve and provide it's expertise and support to country offices.  
It was suggested that the Reg and Ops TWG should be separated and maybe bringing them in every three months for a joint meeting.
- *Imagery TWG by Matthias*: in the three meeting that this group has had, the co-chairs were selected: Alessio and Feliberto from Politecnico di Turino, and the ToR for this group were created in the addition of getting into deep dives around the work that this group will focus on. The presentation that were carried out in the meeting are: presentation on the response to cyclone Kenneth and Idai in Mozambique by WFP and INGC, another presentation on DEEP platform by WFP and Politecnico di Turino y, and finally a presentation on checklists used in disaster response by GlobalMedic. To watch any of these meetings the recordings are online. One of the key outcomes in the future is to document best practices on data collection, processing and data management during preparedness activities and develop checklists to be used in emergency response for data collection and management. Moreover there has be discussions around the possibility and risk of automated data processing; the group wants to develop a common strategy on data sharing for different agencies in an effect open-data format and to develop a common strategy for crowdsourcing imagery in preparedness and response through different platforms.
- *Connectivity TWG by Patrick*: the group is working on some of the most cutting-edge technology in the field of drones; at the moment none of our members apart from the commercial operators have actually yet put a drones in service for connectivity, but we expect this to change in 2021/ In the first meeting, different solutions were looked at, the co-chair was elected: Zuheb Siddiqui from UNICEF. In the second meeting the group looked at what the problem statement is, the group needs to have technologies that are relative to the field and therefore had a presentation by Omar from ETC, another one by Lar Roediger from Ericsson Response and finally by Gills from Emergency.Lu. The third meeting we had presentation from the commercial

operators active in this space: Elistair and Spooky Action Robotics present looking at the different solution they offer. Going forward to the future, the group is looking at other commercial operators, and have some rollouts of these technologies by different operators. The ToRs were presented and can be found on the channel.

Show-and-tell of the soon to be launched WFP Drones Website presented by Masa:

Introduction to Masa, the newest member of the Drones Team who will be handling the advocacy and evidence for the team which entails the work of the website. The drone’s website was created to ramp up engagement from leading public, private and academic experts that facilitates the safe and ethical use of drones in the humanitarian sector. The new site complements wider activities across the humanitarian community and draws on knowledge and experience to document and explore drone use cases, including post-disaster assessment, in-air connectivity and crop monitoring.

To have a sneak peak to how the website will look like please follow the recording [here](#). It’s important to note that the website is still under work and therefore it will be changed from the version that was presented.

AUB:

A newsletter will be sent by Masa starting from the end of February highlighting the work of each Technical Working Group.

The agenda for the next meetings:

## Technical Working Group Calendar 2021

