



## Imagery meeting #5 UAS Coordination Technical Working Group

21 May. 2021

### Tour de table

Organization	Contact
Benjamin HOURTE	Earthlab
ICRC	Brenda Ayo
Polytechnic of Turin	Alessio Calantropio
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ITC	Cristina Geveart
Open Imagery for Humanitarian Action	Cristiano Giovando
GlobalMedic	Daniel Cyr
American Red Cross	Daniel B. Joseph
Emergency.lu	Gilles Hoffmann
RSS Hydro	Guy Schumann
RSS Hydro	Margherita Bruscolini
WHO	Louis ILUNGA KALUBI
WFP	Irshad Khan
WHO	Gaetano Morelli
IOM	Sebastian Ancavil
MSF	Raphael Brechard
WFP	Sofi Rosa
WFP	Elizabeth Bourke
WFP	Patrick McKay
WFP	Matthias Boyen
WFP	Marco Codastefano
WFP	Masa Sabbah

Opening remarks by Marco Codastefano welcoming everyone to fifth session of the Imagery group

New Imagery TWG chair: Marco Codastefano will be chairing the Imagery TWG going forward, he is specialist in using machine learning in emergency response with a strong focus on satellite and drone images.

Results of the questionnaire and how to work on the ToRs

The ToRs for the Imagery TWG are now finalized and the results of the questionnaire were shared (please find [here](#)).

Deep Dive: Drone AI solutions for Humanitarian & Emergency situations presented by Benjamin Hourte CTO at Eatherlab and Gilles Hoffmann Coordinator at emergency.lu

Please find the presentation slide [here](#) and following the [recording](#) for more details (from minute 14:00 – 31:33)

- In order to cover the needs and allow people to get the best benefit of AI in data collection the following are the services provided:
  - o Service #1: Drone(AI) Field solution
  - o Service #2: Artificial Intelligence Creation and Sharing
  - o Service #3: Additional processing chains
- The technologies used rely on the idea of end to end chain between the different actors. With Service #1 and #3 the idea is to have elaboration of the AI models and processing chain that will afterward synchronized and deployed within different type of terminals on the ground.
- The next steps for this project is to extend to different humanitarian actors o different services. Earthlab is looking for agencies and NGOs that are willing to cooperate with them.

\*\* for the Q&A section please follow the [recording](#) (from minute 31:50 – 50:00)

**Next TWG meeting is on 17 of March 2021**