

# Field Challenges to Mine Action

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### Setting

Too often technologies have been developed for Mine Action without an understanding of the real challenges faced by demining organisation working in remote locations, with severe environmental, security and political constraints. The presenter aims to give both a snapshot of challenges technology developers may face when deploying to the field, and practical needs in the field that UAS may be able to address.

### Presentation Aim

The presentation aims to provide an insight into operational, logistic and environmental challenges of conducting Mine Action activities, which may have relevance to deployment of explosive sensor technologies. Possible areas for UAS support in the field will also be highlighted.

### Presentation Contents

Mine Action Process Challenges

- o Project setup
- o Initial post conflict survey
- o Priority setting and tasking
  - o limited assets
- o QA/QC, and completion processes

Operational Challenges (Reality check)

- o Human resource issues
- o Logistics
- o Security and Environment
- o Political constraints

UAS Possible Support in the field

- o Initial survey
- o Operational tasking
- o QA/QC and completion
- o Security and safety