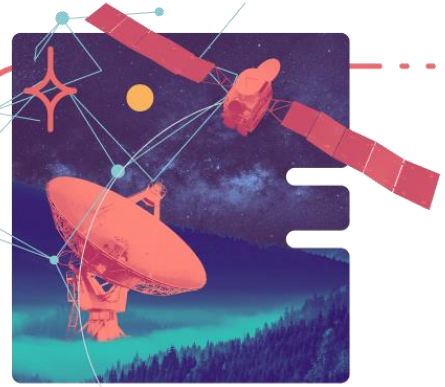
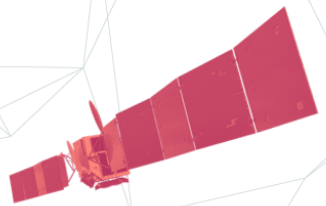


USE CASE 1: ASSISTANCE IN CASE OF DISASTER AND ARMED CONFLICT

LUXEMBOURG SPACE AGENCY

Dr Tiziana Casinelli

USE CASE SCENARIO

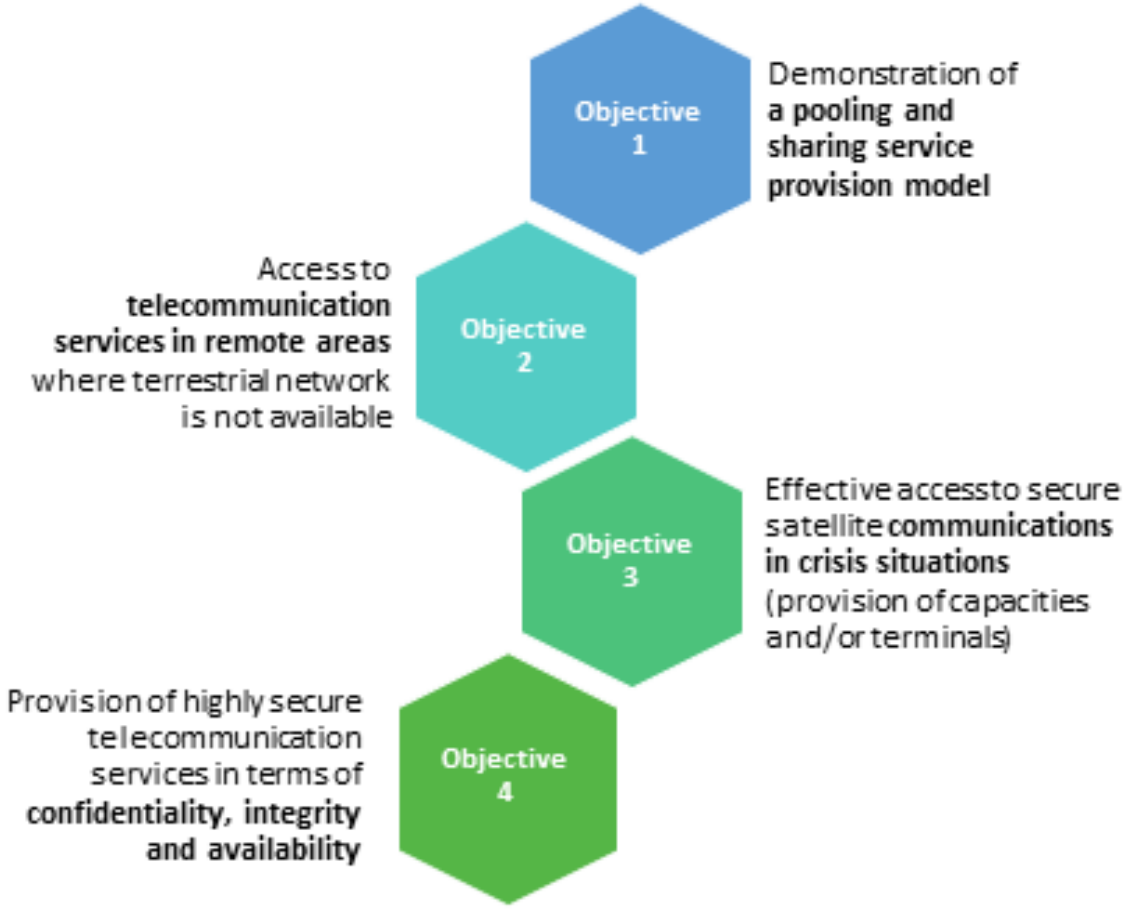


- USE CASE FAMILY (or FIELD OF APPLICATION):
  CRISIS MANAGEMENT

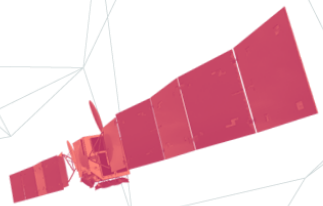
- USE CASE CLUSTER:
  HUMANITARIAN AID

- USE CASE:
  ASSISTANCE IN CASE OF DISASTER AND ARMED CONFLICT

Main objectives



OPERATIONAL OBJECTIVES



- SatCom services and SLA
- Terminal procurement and lease model
- Easy and quick ground terminals deployment
- User web platform for service management
- Continuous and reliable service provision
- Easy and quick connectivity with smartphones and laptops

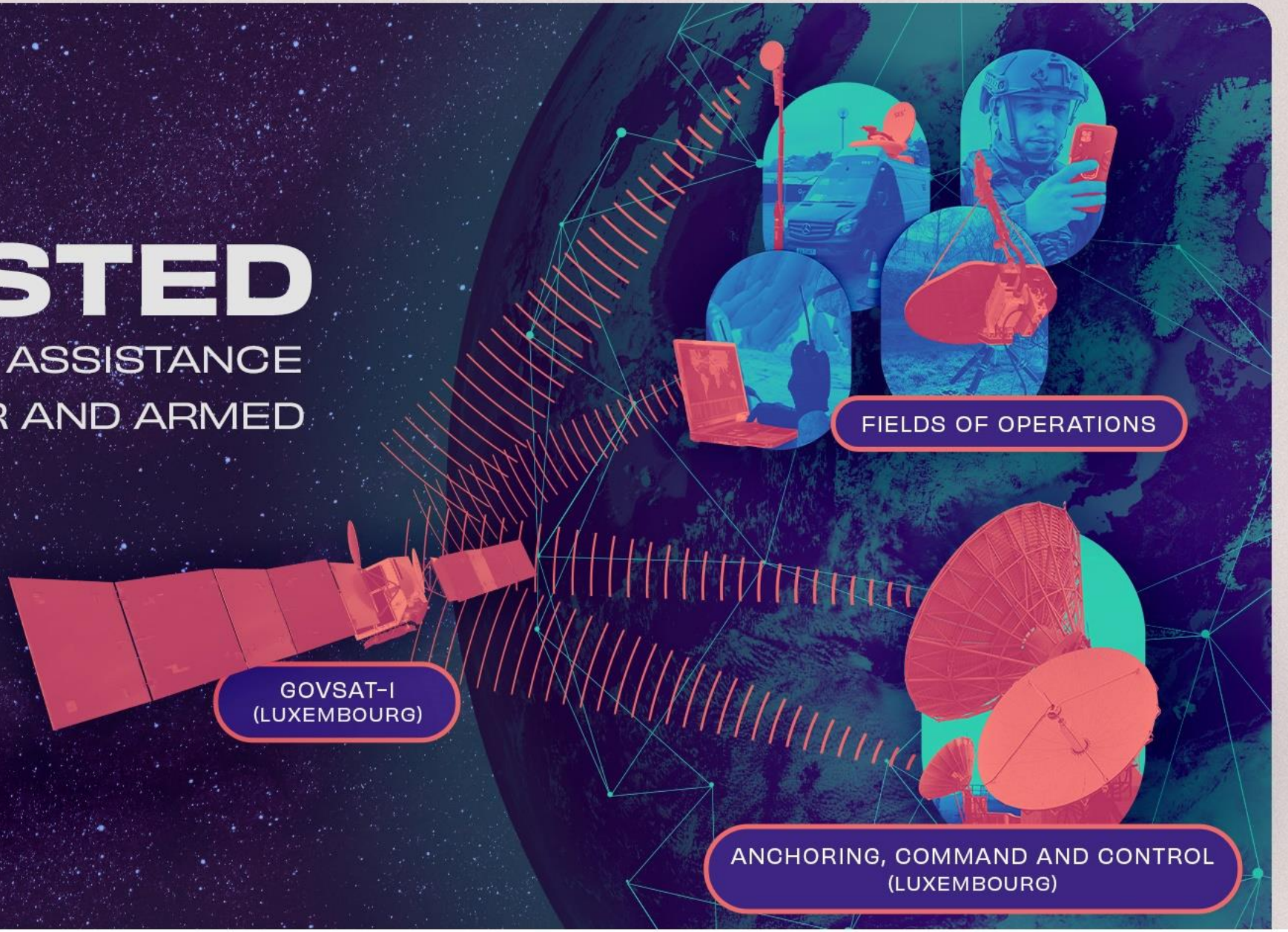
LUXEMBOURG SPACE AGENCY

ENTRUSTED

DEMONSTRATION OF ASSISTANCE IN CASE OF DISASTER AND ARMED CONFLICT

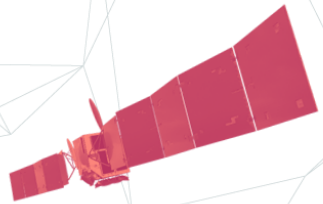
GOVSATCOM support for Crisis Management and Humanitarian Aid

End to end GOVSATCOM service provision including space capacity, anchoring, backhauling and installation of satellite ground terminals on the fields of operations



ENTRUSTED

ABOUT THE SCENARIO



- Rural area not served by terrestrial network
- Harsh weather conditions
  - Persistent strong wind
  - 2 ^{0}C
- Fly away antenna mounting and set up recorded live (one take)
  - Total time before pointing: 13 minutes and 19 seconds