

# EO services contributing to SDGs

## Basic services damage assessment

- **User:** NGO HELPCODE, with a focus on Health Aid
- **Challenge/Needs:** Mozambique
  - Support the evaluation of access to basic services after cyclone IDAE
  - Support analysis of economic losses by measuring the impact of on productive land
- **Initiative:** BIGMIG serves the international Aid and Development Community. Aims to showcase the potential of EO to support the better understanding, prevention and management of forced human migrations, also from the resilience point of view.
- **Results:** GMV assessed cyclone damages in basic infrastructures (government, health centres, etc), evaluated access and mapped alternative paths to reach the active ones. GMV also determined the level of crop damage so that farmers could claim the insurance payments
- **Service Provider:** GMV (<https://gmv.com/en-es/sectors/space>)







Target 1.4: By 2030, ensure that all men and women, in particular the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership and control over land and other forms of property, inheritance, natural resources, appropriate new technology and financial services, including microfinance.

Ind. 1.4.1: Proportion of population in households with access to basic services

Target 1.5: By 2030, build the resilience of the poor and those in vulnerable situations and reduce their exposure and vulnerability to climate-related extreme events and other economic, social and environmental shocks and disasters.

Ind. 1.5.2: Disaster damage

Shortest Route (Damaged building to Medical Facility)

-  Medical Facility
  -  Damaged Buildings
- COMMUNICATION NETWORK**
- Accessibility**
-  No Access
  -  Open
  -  Reduced Access
  -  Ford - fully functional
  -  Ford - dismantled
  -  Culvert
  -  Railway
- Hydrologic persistence**
-  Perennial river
  -  Non-perennial river



Road Network analysis, damaged buildings analysis and shortest route to active medical facility.