

# EO services contributing to SDGs

## Informal settlement AI toolchain



- User: UN; World bank, NGO's & aid organizations, central and sub-national governmental institutions, insurance sector, ...
- Challenge/Needs:
  - Identify slums using AI techniques;
  - Evaluate the evolution of slums over time and predict their future expansion including population estimates;
  - Understanding of informal settlement development and the relation with access to key services;
  - Analysis of exposure to natural hazards
- Initiative: Transferable Open-source community tool
- Results:
  - A tool which is transferrable to various regions (already applied in Asia & Latin-America)
  - A tool which make us of different type of data
  - A tool which can be run by local technical operators
- Service Provider: [Geographic Information Management NV](#)

**Target 1.1:** By 2030, eradicate extreme poverty for all people everywhere, currently measured as people living on less than \$1.25 a day.

**Target 1.2:** By 2030, reduce at least by half the proportion of men, women and children of all ages living in poverty in all its dimensions according to national definitions.

