gim SMART GEO INSIGHTS

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

- 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 9.1: Develop quality, reliable, sustainable and resilient infrastructure, including regional and trans- border infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all.

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CITY SCAN
CITY RESILIENCE PROGRAM

Population trends
Urban transport and mobility
Access to infrastructure and public services
Climate mitigation
Disaster risk and resilience
City competitiveness and economic growth
Municipal finance and institutions

Government Mayor Politicians

BENCHMARKS SYNTHESIS

Urban Population

SPATIAL ANALYTICS

STAKEHOLDER ANALYSIS

https://www.gfdrr.org/sites/default/files/program/Learn%20more_%20The%20City%20Resilience%20Scan.pdf

EARSC
European Association of Remote Sensing Companies