

Bertrand Frot



Empowered lives. Resilient nations.



Currently operational in 34 Countries

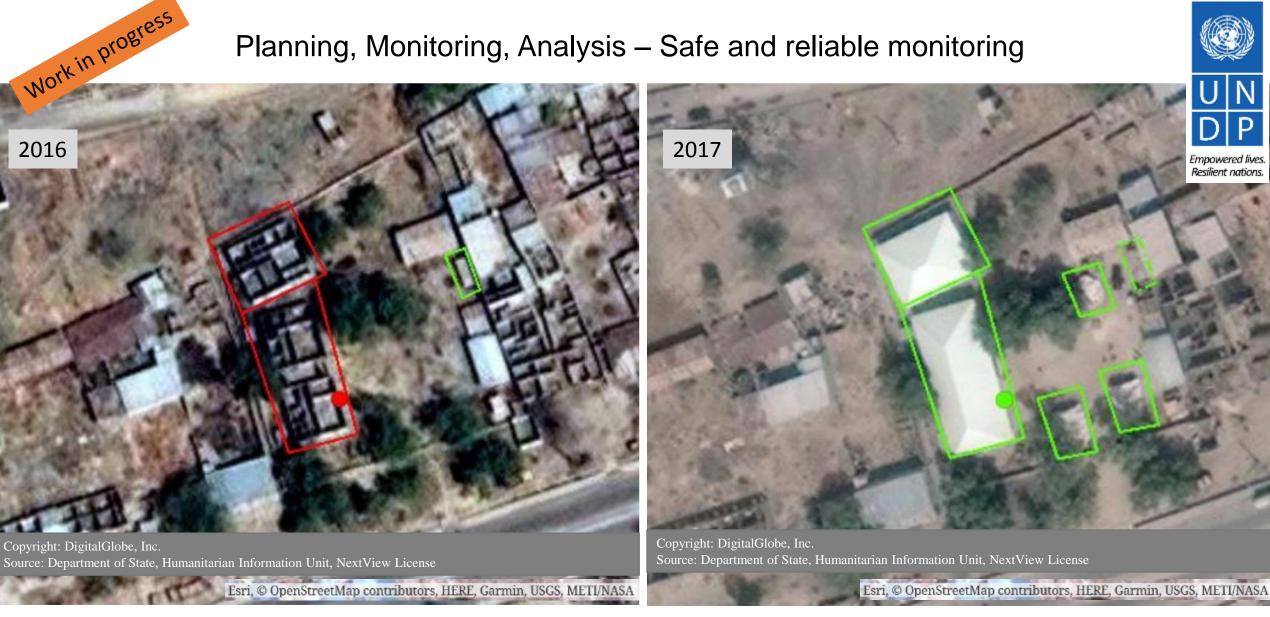
Lessons learned from the last 3 years: Geospatial Services are fantastic for development





- Transparency Monitoring and Evaluation
- Satellite imageries + Al+ Local intelligence =
 Deeper Analysis
- Available also on Crisis monitoring Early recovery
- Cheap, reliable and secure
- Part of the Digital Transformation
- Ideal to avoid further inequalities?

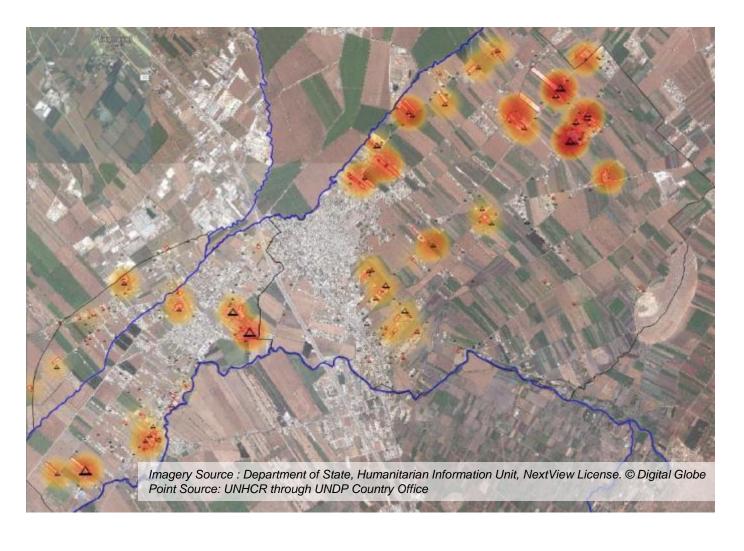
Planning, Monitoring, Analysis – Safe and reliable monitoring



Space-based solutions assist in enhancing UNDP's field monitoring and evaluation, communication and transparency for donors.

Planning, Monitoring, Analysis Impact evaluation

Number of UNHCR identified settlements	290
Number of analyzed major settlements	102
Impact on agricultural areas within analyzed major settlements (2011 vs 2017)	~621,613 sq. m. (~6.7 million sq. ft.)



Impact to Agriculture

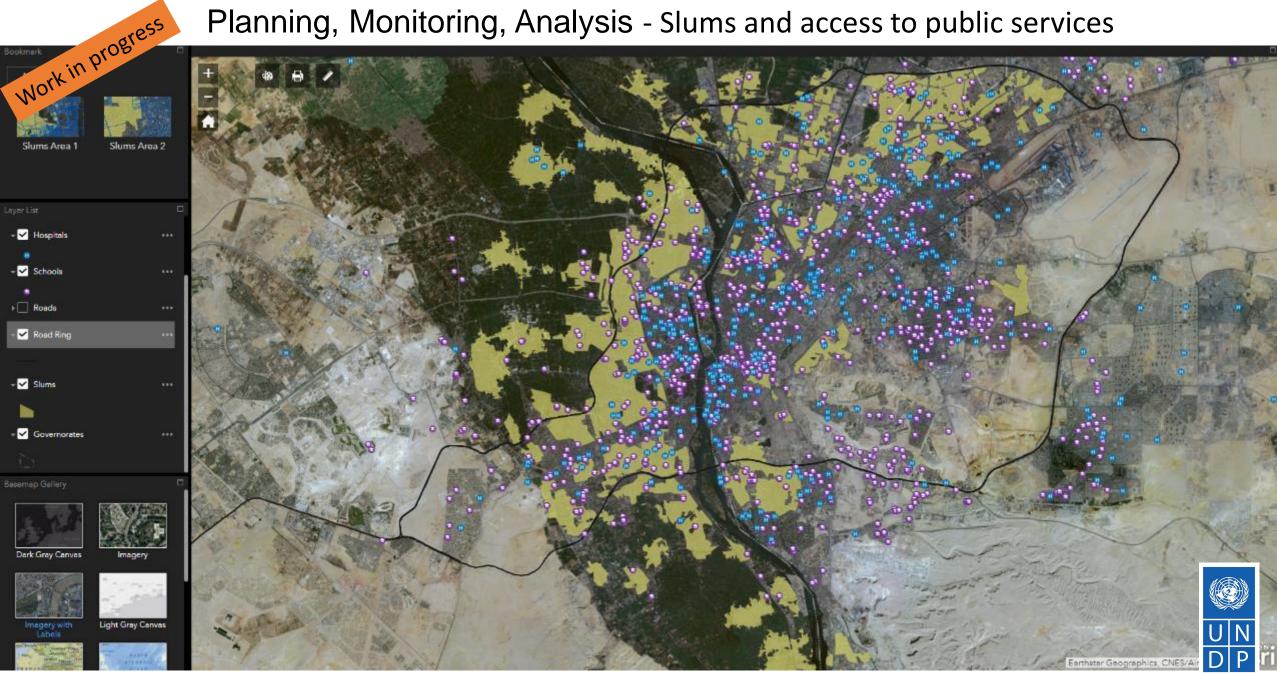


Number of Tents

△ 0-31 △ 31-62 △ 62-93 △ 93-124 △ 124-155



Planning, Monitoring, Analysis - Slums and access to public services



4 axis to develop worldwide capacities avoiding further inequalities



Digital policies

Low cost connectivity

Artificial Intelligence & algorithms

Training



A.I. is the future of disaster response?



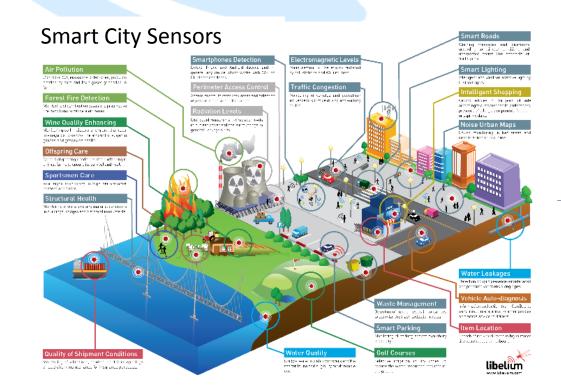
HAPS
High Flying Pseudo Satellites
c AIRBUS



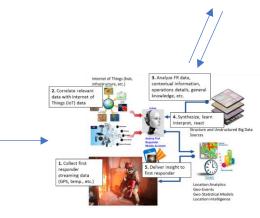
Body-Worn Mobile Sensors



c NASA – JPL sponsored by US department of Homeland security



Control Room



Artificial Intelligent Agent for Next Generation First Responder (NGFR),

c NASA – JPL sponsored by US department of Homeland security



