

Stronger Together  
for Development



*Empowered lives.  
Resilient nations.*

# Satellite imagery analysis - a rapid expansion within UNDP thanks to partnerships

## Satellite Imagery Analysis Efforts in UNDP

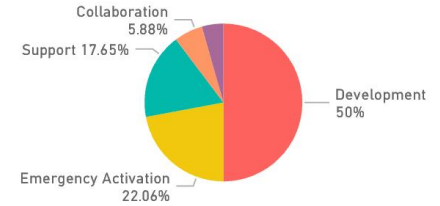
Number of Countries: **58**  
 Number of Cities: **190**  
 Number of Coordinates: **852**



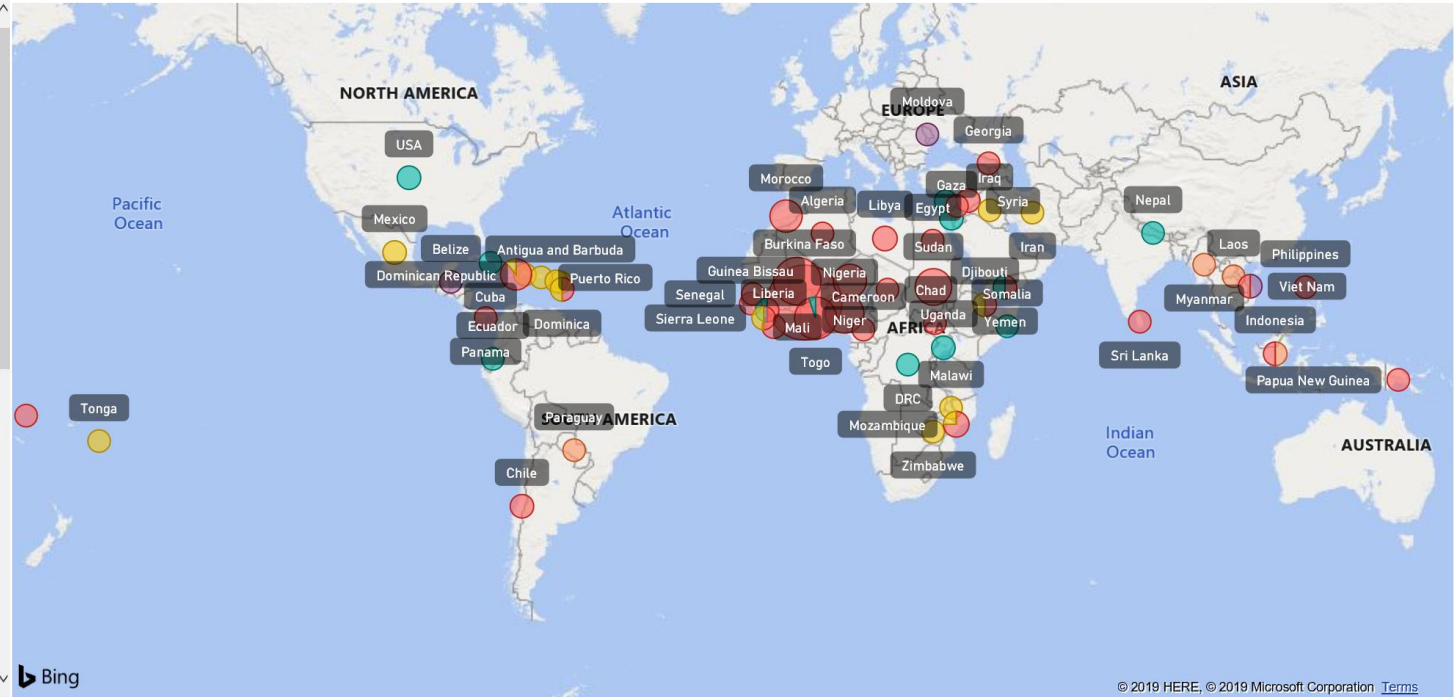
### List of Countries

Country	Count of Latitude
Haiti	296
Lebanon	247
Togo	64
Mali	58
Burkina Faso	50
Libya	34
Nigeria	26
Niger	17
Sudan	14
Morocco	12
Chile	2
Djibouti	2
Dominica	2
Gaza	2
Guinea	2
Indonesia	2
Liberia	2
Syria	2
Uganda	2
Yemen	2
Algeria	1
Antigua and Barbuda	1
Belize	1
Cameroon	1
Chad	1
Cuba	1
Cyprus	1
Dominican Republic	1
DRC	1
Ecuador	1
Egypt	1
Georgia	1

Count of Country by UNDP Region and Scope



Scope: Collaboration (orange), Country Innovation (purple), Development (red), Emergency Activation (yellow), Support (teal)



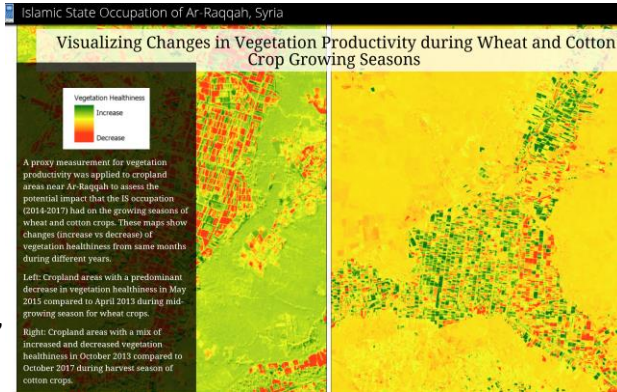
Beginning with Mali in 2016, over 58 Countries Offices are using Satellite Imagery and Geospatial Analysis services.



# These collaborations take different shapes



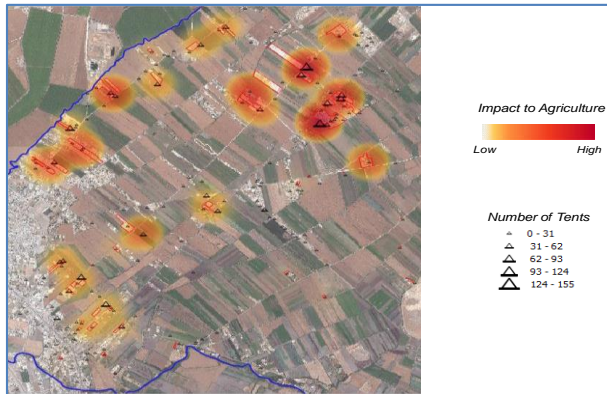
Deforestation,  
Impacts of  
Climate change,  
agriculture



Trainings, Norms



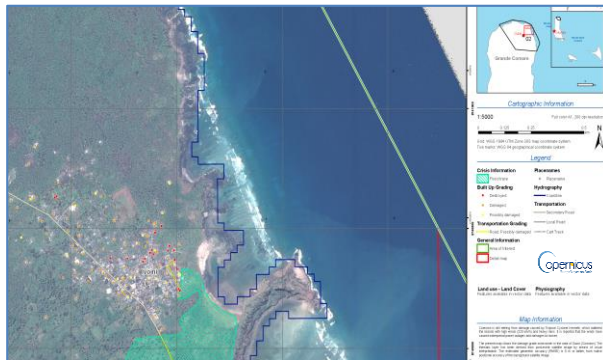
Migrations



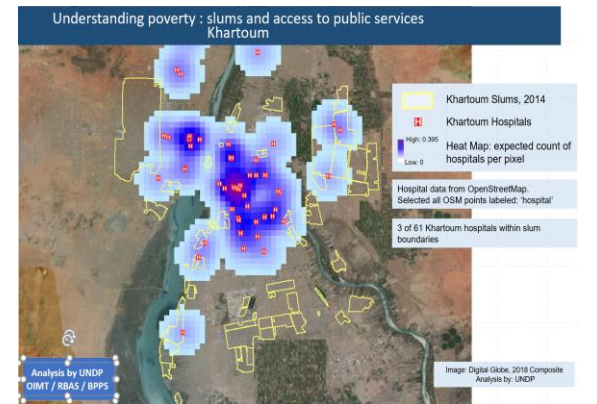
Monitoring and  
Evaluation,



Disaster, Crisis  
Response



Inequalities,  
Urbanization,  
Development



# How can we say Thank You to Partners? Thank You!



NORWEGIAN MINISTRY  
OF FOREIGN AFFAIRS

End of June, Norway announced its intention to spend up to 53 million USD to purchase high resolution optical imagery of tropical landmasses.

The images will be made freely available for UN agencies, governments, researchers and NGOs all over the world.



- Forests in Guinea Bissau,
- Wetlands in Uganda,
- Mangroves in Senegal, Guinea Conakry,...
- Rice culture in Vietnam, Indonesia, Laos,
- Vegetation in Lake Chad area,
- Biodiversity
- ...

... and all UN agencies will leverage digital innovation to reduce inequalities, fight the impacts of climate change ...

# An example of new type of multilateral collaboration

## Space Climate Observatory



### Monitoring climate change

- Atmospheric CO<sub>2</sub> concentration,
- Global temperature, Clouds and Precipitation change,
- Sea level rise, Droughts and floods...



### Tracking the impacts of climate change

- Environmental impacts
- Social and human impacts
- Biodiversity reduction
- Economical costs



### Mitigating and Adapting to climate change

- Resources: land use, agricultural practices, relocation, water use...
- Population: Migration of people, food security...
- Socio-economic development paths

