Digital Earth
AFRICA

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Digital Earth Africa

Our Vision

DE Africa will provide a routine, reliable and operational service, using Earth observations to deliver decision-ready products enabling policy makers, scientists, the private sector and civil society to address social, environmental and economic changes on the continent and develop an ecosystem for innovation across sectors.

Open and Free Data

- Interoperability
- Privacy and Integrity

Operational Service

- Continental-scale
- Sustainable
- Domain expertise

Accountability and transparency

- Responsive to African priorities
- Agile, nimble and actions oriented

Diversity and inclusion

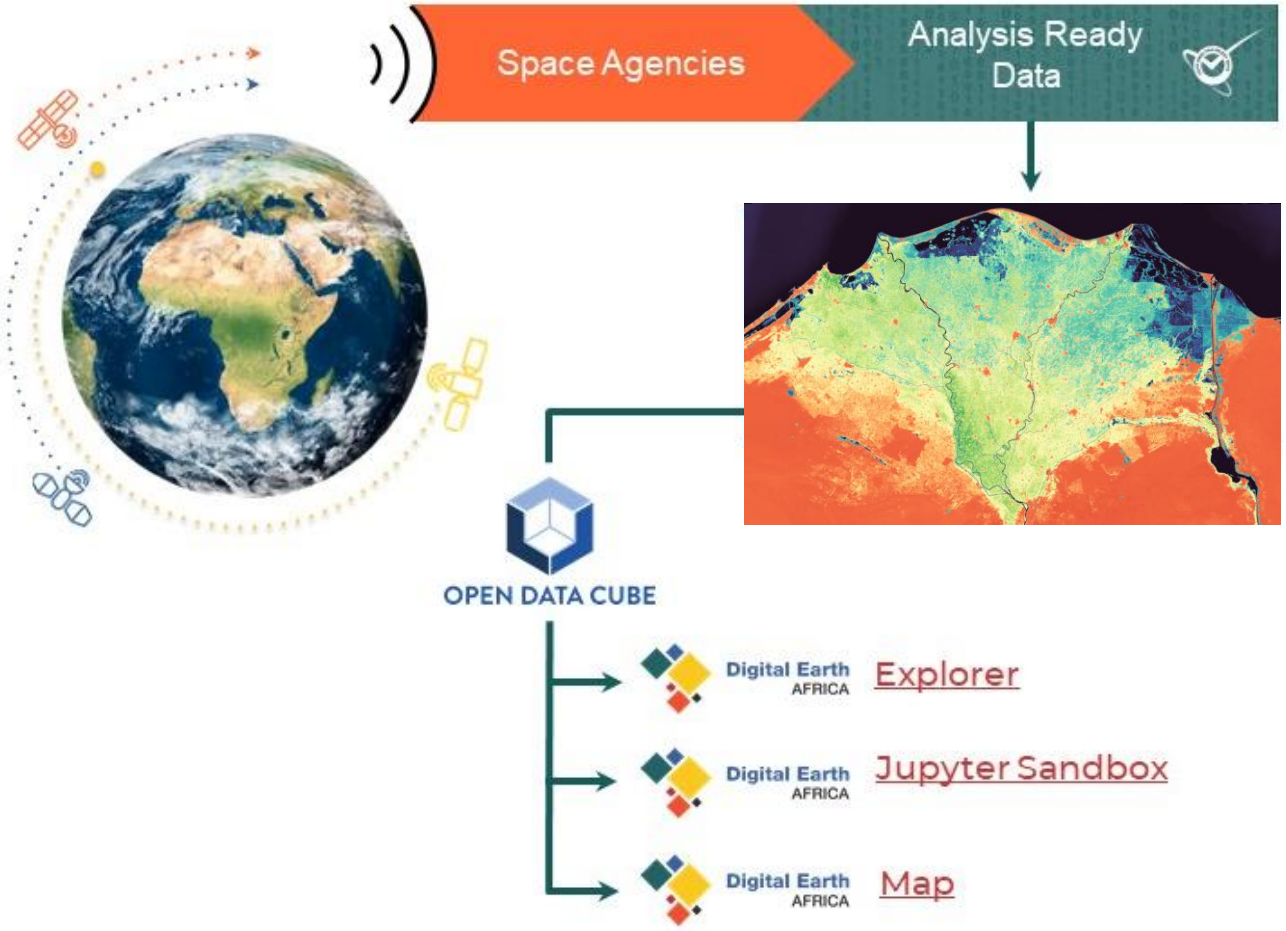
- Multi-sector perspectives
- Span data communities
- Foster collaboration

- Land degradation
- Coastline changes
- Urbanisation
- Water resources and flood risks
- Agriculture and food security

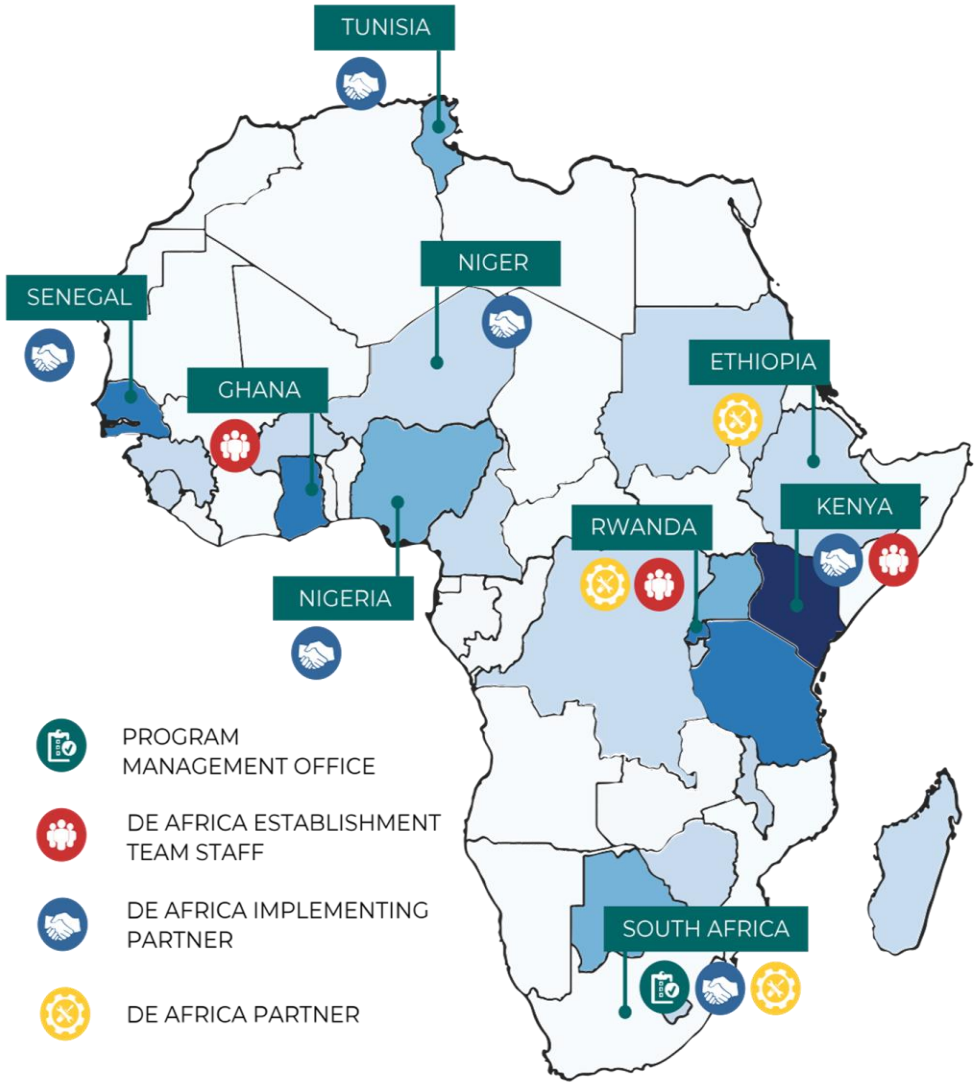
Eye of Sahara: Credit: Contains modified Copernicus Sentinel data 2021, processed by Digital Earth Africa.

Analysis Ready Data, Decision Ready Products

- Entirely cloud native in AWS, Cape Town
- Completely free, even for commercial use
- Optimised EO data for web processing
- Complete visibility from the data to the product
- Different interfaces for different needs
- Free online learning platform & helpdesk
- Extensive library of SDG-oriented tools
- Build complex analyses on your topic in your own environment



Activating a continent-wide community



Economic Value of EO data for Africa

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$2.3bn

Even under conservative assumptions, the impact of Earth Observation could be higher than **$2 billion** (USD) per year

Three key areas

$500 million
Earth Observation industry accelerated growth

$900 million
Agricultural productivity boost

$900 million
unregulated gold mining detection and prevention

- **Marine Observation** $212 million
- **Disaster Risk Reduction** $74 million
- **Public Health** $113 million
- **Renewable Energies** $27 million
- **Oil & Gas** $15 million
- **Security and Civil Protectio** $96 million

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https://www.youtube.com/watch?v=ID7kLN0LDbw