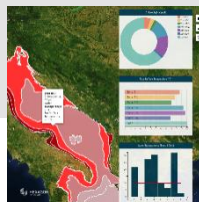


# Planetek Italia

## Simplifying the complexity of Space.



We are a Benefit Company part of the D-Orbit Group specializing in Geoinformatics, Space solutions, and Earth Observation.

Since 1994, we simplify the complexity of space.

From upstream to downstream, we design and develop solutions that exploit the value of geospatial data to help users understand the world better, and act efficiently and sustainably.





# WHAT WE DO

We provide solutions to exploit the value of geospatial data through all phases of data life cycle from acquisition, storage, management up to analysis and sharing.

We operate in many application areas: environmental and land monitoring, marine, forests, smart cities, engineering, mining, energy, agriculture, aquaculture, defence and security, satellite missions, space exploration.

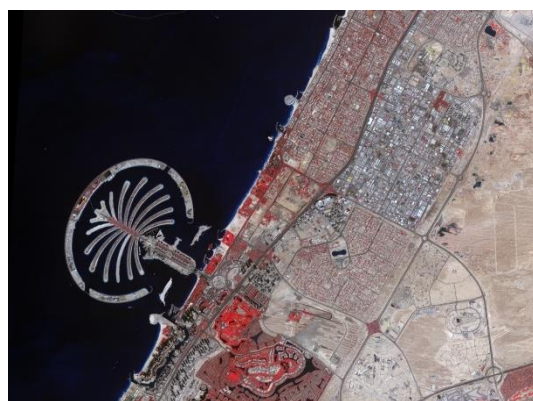
Our solutions:

- Satellite, aerial & drone data processing for cartography and geoinformation;
- Satellite-based geoinformation services for several applications;
- Spatial Data Infrastructures for geospatial data archive, management and sharing;
- End-to-end systems for satellite missions, from on-board image processing, to ground segment infrastructures.

We are also a reseller of satellite imagery from main global providers and a diamond dealer of Hexagon software.

We are organized in Strategic Business Units to ensure state-of-the-art customized solutions on different markets: Government & Security, SpaceStream, Business to Business.

Planetek Italia and Planetek Hellas are now part of the D-Orbit group, leading provider of space logistics solutions.



# Space 4 Africa

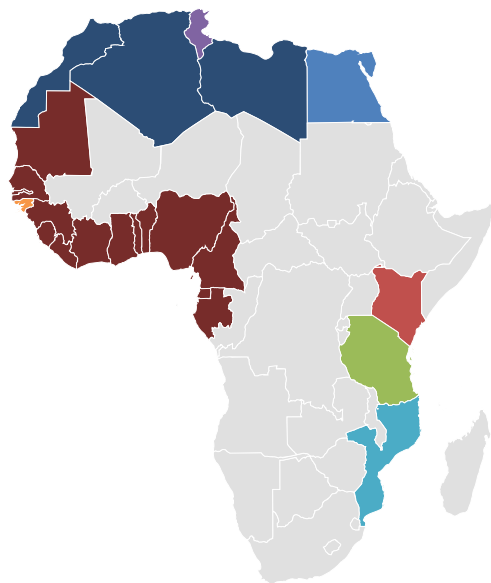
## Earth observation solutions for sustainable development in Africa





### The Key Areas of Impact

-  **Water governance & agriculture** – smarter irrigation management, crop health monitoring, and water demand forecasting to save resources and increase yields.
-  **Biodiversity & coastal ecosystems** – monitoring seagrass, mangroves, and Blue Carbon to protect habitats and strengthen coastal resilience.
-  **Marine & pollution monitoring** – tracking eutrophication and plastic drift to safeguard oceans and support the blue economy.
-  **Forests & climate** – forest carbon monitoring, tree counting, and biomass mapping to support climate commitments and reforestation programs.
-  **Capacity building** – training programs, e-learning platforms, and technology transfer to empower African experts and institutions.

PLANETEK HAS BEEN ACTIVELY INVOLVED IN SEVERAL INITIATIVES IN AFRICA, PROVIDING BOTH SATELLITE-BASED ENVIRONMENTAL INFORMATION SYSTEMS AND CAPACITY BUILDING PROJECTS IN COOPERATION WITH ESA AND IFIS (E.G. WORLD BANK, ASIAN DEVELOPMENT BANK).

### Planetek in Africa – Where We Have Made a Difference



-  Irrigation optimization in the Nile Delta
-  Aquaculture site mapping
-  Coastal eutrophication monitoring
-  Blue Carbon & wastewater reuse
-  Forest carbon monitoring (REDD+)
-  Mangrove detection & monitoring
-  Soil sealing & urban expansion
-  Plastic drift modelling

# From Space to Earth

Over 30 years of experience over the entire EO value chain, from end-to-end space systems to 'down-to-earth' applications.

**AI-eXpress (AIX)** is the ambitious programme launched by Planetek bringing a new concept of cognitive cloud computing in space. AIX is jointly developed with D-Orbit and is an ESA InCubed financed project. AIX is already in-orbit with two satellites.

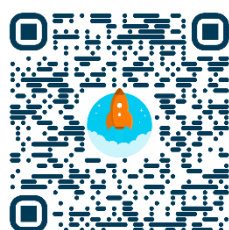


In 2026, Italy will release **IRIDE**, one of the largest **Earth observation programme**. Planetek plays an active role in the development of all its components: Upstream, Downstream & Service Segment.

Supporting **Saudi Green Initiative** by enabling the monitoring with Earth Observation services of the restoration of Saudi Arabia's natural greenery, in partnership with Geosystems Middle East.



**EO-Learning** is an e-learning platform launched by Planetek with **free training courses** and resources on Earth Observation and remote sensing. Register and start your free course: <https://eolearning.planetek.it/>



[sales@planetek.it](mailto:sales@planetek.it)



[www.planetek.it](http://www.planetek.it)

**planetek**  
**italia**  
A D-Orbit group company