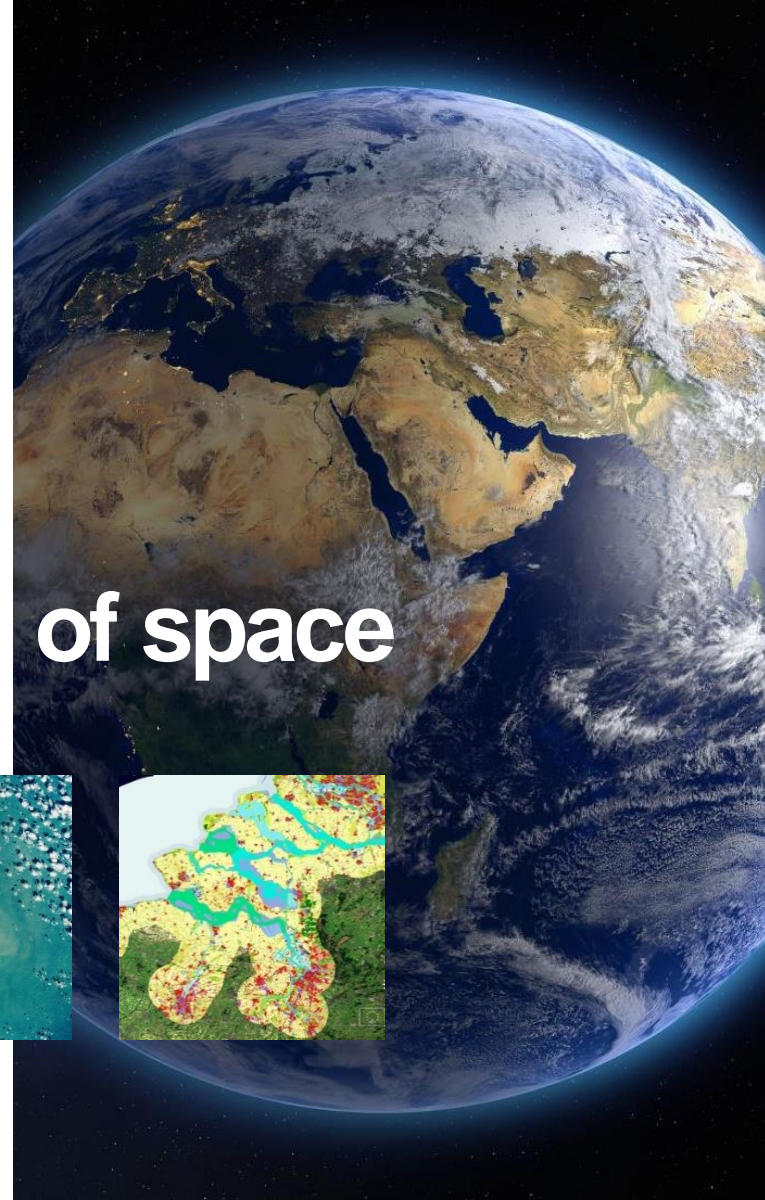
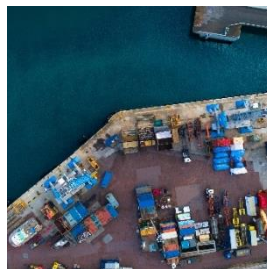




**simplifying the complexity of space**





PLANETEK PEOPLE

**simplifying the complexity of space**



# Planetek Group

Bari, Roma, Athens



# Key Numbers

Small Medium Enterprise



Year **1994**



People **120+**

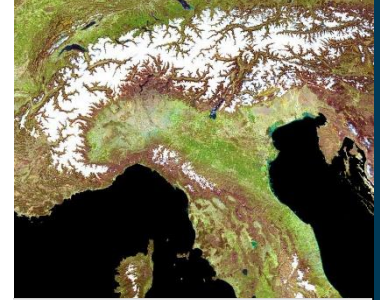


M€/y **20**

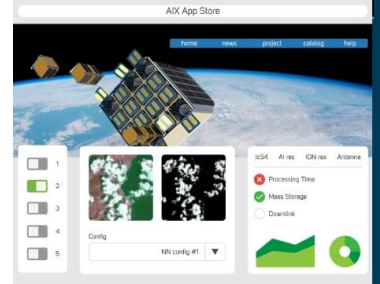


# Key Technologies

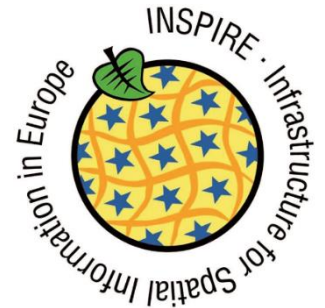
**Earth  
Observation**



**Space  
Software**



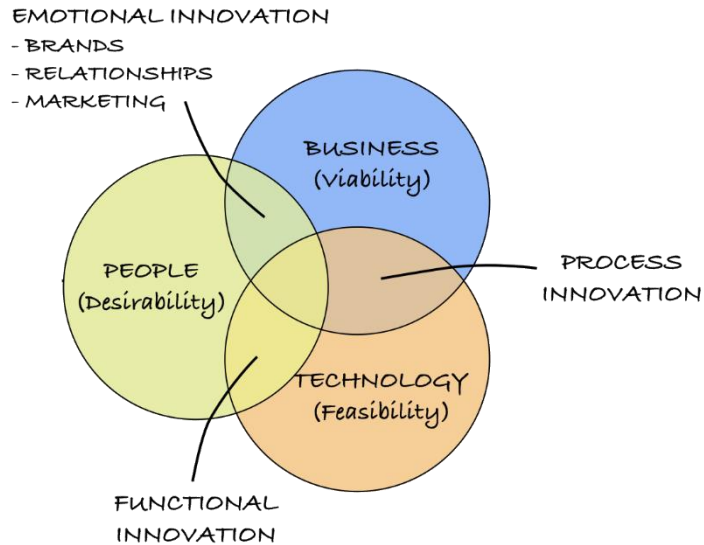
**Spatial Data  
Infrastructure & GIS**



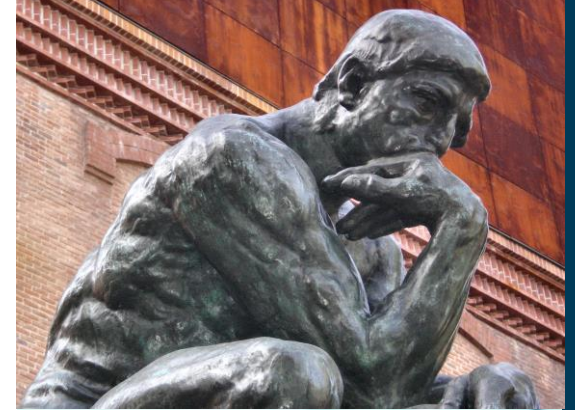
**Location Based  
Systems**



# Design Thinking



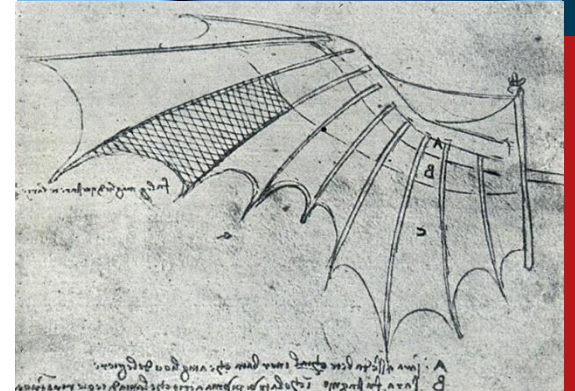
**People**  
desirability



**Business**  
viability



**Technology**  
feasibility





# Benefit Company

We are strongly committed to operate in a responsible, sustainable and transparent way towards people, communities, environment.



**Relazione  
annuale  
di impatto**

**2023**



# Memberships



**Innovative SME**



**Copernicus Academy**



**Stati Generali dell'Innovazione**



**Space Weather Italian Community**



**European Quantum Industry Consortium**



**Armed Forces Communications & Electronics Association**



**European Association of Remote Sensing Companies**



**Geographical Information System International Group**



**European Space SMEs association**



**Association of Italian Space Enterprises**



**Apulian Aerospace Cluster**



**Apulian Aerospace District**



**Confindustria Bari e BAT**



# Partnerships

Products we distribute

## Geospatial Software



## Diamond Partner

Leading software solutions  
for Earth Observation and  
geospatial data management

## Satellite Imagery



## Dealer

WorldView Legion,  
WorldView, Satellogic,  
Umbra SAR, GeoEye-1,  
QuickBird, IKONOS



Spot, TerraSAR-X  
Pléiades Neo



RapidEye, PlanetScope,  
SkySat



and also imagery of Capella Space, Onyx Space, ICEYE, SKYEYE and 21AT.

# Products & Services

Developed & Distributed  
by Planetek



## Geoinformation services

A portfolio of geoinformation services based on continuous satellite monitoring delivering industry-focused actionable information and predictive analytics for decision-making and operational activities.



AQUACULTURE  
BUILDING CHECK  
DISPLACEMENT  
ELECTRIC TOWERS

MARINE  
NETWORK ALERT  
OENOVIEW  
SAFELAND

SAFEWAY  
URBAN DYNAMICS  
WILDFIRES  
FOREST CARBON OFFSET

## Geoinformation data & products

A portfolio of geoinformation products designed to provide users with cognitive frameworks that meet the specific needs of each application field.

*Preciso*<sup>®</sup>  
land



*Preciso*<sup>®</sup>  
coast



*Preciso*<sup>®</sup>  
landslide



*Preciso*<sup>®</sup>  
zeta



**imageryPack**

## Space Software for EO mission management

A portfolio of software and systems for on-board and ground segment of Earth Observation and Cosmic exploration satellite missions.

ERMES

EARTHBIT

KADAMOS

SPACEEDGE

# Key Customers



## Enterprises

### *Space*

- Airbus Defence & Space
- Thales Alenia Space
- Telespazio / e-Geos
- OHB - CGS S.p.A.
- D-Orbit
- SITAEL
- INDRA

### *ICT*

- KPMG, Exprivia, Almaviva, Engeenering – Municipia, Vitrociset

### *Energy*

- Eni, Total, SAIPEM
- Terna, Enel / Enel Green Power

### *Transport*

- ANAS, Italferr, Ansaldo STS, ADR – Aeroporti di Roma,

### *Multiutilities - water*

- ACEA, Hera, IREN, AQP, MM, United Utilities, Veolia, SUEZ

## Public Institutions - International

- ESA - European Space Agency  
ESRIN, ESTEC, ESAC, ESOC, ECSAT
- UE - European Union Directorates
- UE - European Union Agencies  
JRC, EEA, SatCen, GSA, EUSPA
- International Governments  
USA, Chile, Saudi Arabia, France, Germany, Spain etc.

## Public Institutions - Italy

- ASI - Italian Space Agency
- Italian Ministry  
Environment, Defence, Agriculture
- Local Administrations  
Regions, Provinces, Municipalities
- ISPRA - Italian National Institute for Environmental Protection and Research
- ARPA - Regional Agencies for Environment Protection
- IGM – Military Geographic Institute
- National Parks



# Key People

Giovanni  
Sylos Labini\*

**CEO**



Mariella  
Pappalepore\*

**CFO**  
Chief Financial



Sergio  
Samarelli\*

**CTO**  
Chief Technical



Vincenzo  
Barbieri\*

**CMO**  
Chief Marketing



Vincenzo  
Pompilio

**CQO**  
Chief Quality



Stelios  
Bollanos\*

**planetek**  
hellas



Cristoforo  
Abbattista\*

**SpaceStream**



Massimo  
Zotti\*

**Government  
& Security**

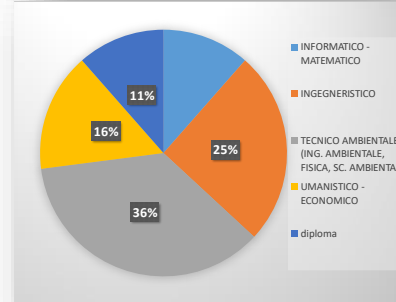
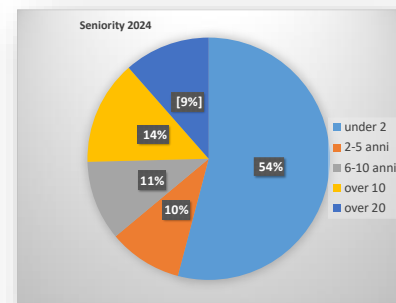
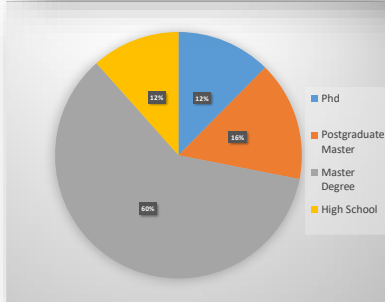
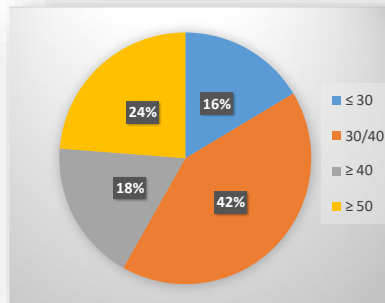
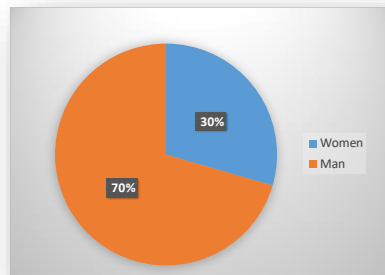
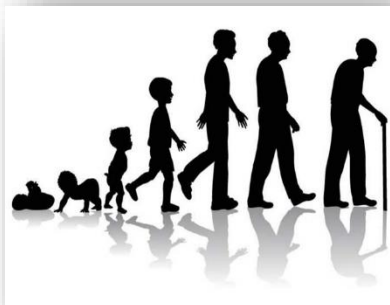


Sergio  
Samarelli\*

**Business to  
Business**



# Key People







# Awards



## 2024 **Welfare Champion**

Since 2016, listed in the top Italian companies, and named as Welfare Champion for its Welfare Index noticeably higher than the average of the sector and its support to employees.

## 2024 **European EO Company Award**

In 2024, 2017, 2016 Planetek was awarded twice the first place and one third place by EARSC “European EO Company and Product Award”

## 2024 **BEST COMPANIES OF SOUTHERN ITALY**

Il Sole 24 Ore, the main Italian financial newspaper, ranked Planetek among the 200 best companies in the South with the best growth performance in revenue, employees, and assets..

## 2023 **SUSTAINABILITY HERO 2023**

Sustainability Hero award by SME EnterPRIZE for a business model based on the values of sustainability

## 2023 **INDUSTRIA FELIX PRIZE**

Since 2015, awarded as one Italy's most competitive and reliable companies and prized with the High Honour for Financial Statement.

## 2019 **World Smart City Award**

Urban Environment award to Rheticus® use case Hera Group multi-utility at World Smart City Congress 2019.

## 2018 **Wichmann Innovation Award**

Best Software award to Rheticus® at the Wichmann Innovation Award 2018, during the INTERGEO 2018.

## 2017 **Hexagon Social Media and Marketing Award**

“Social Media and Marketing Award” awarded by Hexagon Geospatial at the HxGN live 2017 event.

## 2016 **Best Practices for Innovation**

Rheticus® Displacement has been awarded the “TIM Telecom award for innovation” at the **10th edition of “Premio Best Practices per l’innovazione”**.

## 2016 **European EO product of the Year**

Rheticus® Displacement was listed among finalists of the “Product of the Year” competition and Planetek among the top 5 of the **EARSC Company Award**.

## 2014 **INSPIRE Conference: smeSpire Challenge Award**

“Best Practices for INSPIRE” awarded to getLOD application.

## 2013 **INSPIRE Conference: Award for Academic Excellence and Innovation in INSPIRE**

For the “innovative activities in the field of INSPIRE and SDI development”.

# Business Units

# 3

- SpaceStream
- Government & Security
- Business to Business





# Government & Security

Business Unit

Environmental  
Monitoring



Spatial Data  
Infrastructures



Smart City  
Open Data



Civil Protection  
& Defence



# Business to Business

**Business Unit**

**Energy  
Oil & Gas**



**Infrastructure  
Engineering**



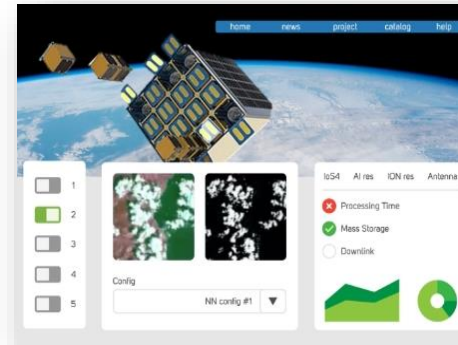
**Utilities**



# SpaceStream

Business Unit

On-board  
Software



Ground Segment  
EO Exploitation



Cosmic  
Exploration





# Success Stories



# IRIDE: the Italian Earth observation space program

**IRIDE system: upstream, downstream and services.**

Planetek plays an active role in the implementation of different components of the system.

Led by ESA and ASI it will be completed by 2026.



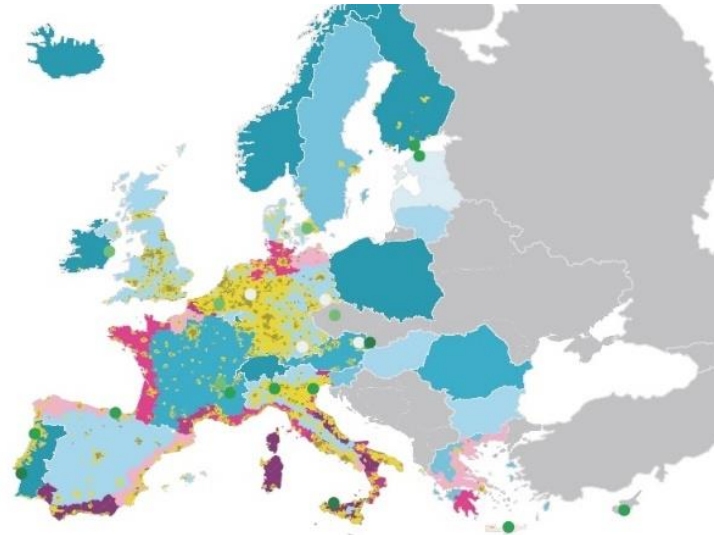
# Pan European land monitoring

## Copernicus Land

Coastal Zone hotspot thematic mapping. Land cover / Land use datasets on 39 European countries.

## Ulysses

Coastal Zone mapping of Mediterranean coasts.

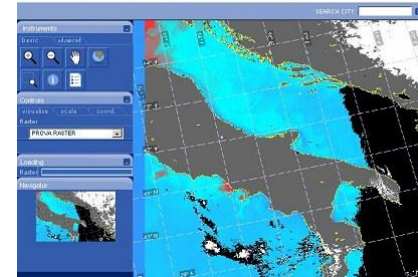
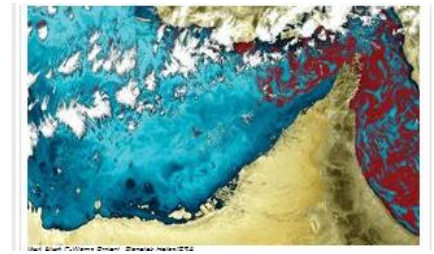
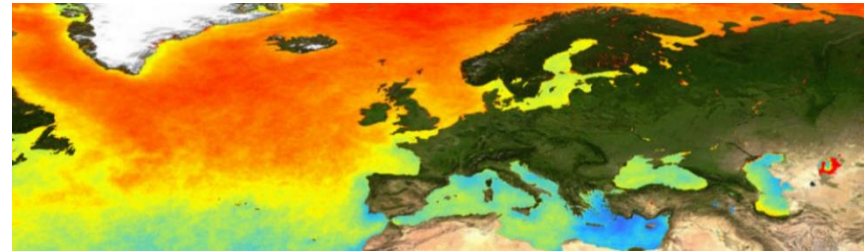


# Marine Environment

EO services to support  
marine environment& costal  
monitoring in EU, Asia, Africa

## Products:

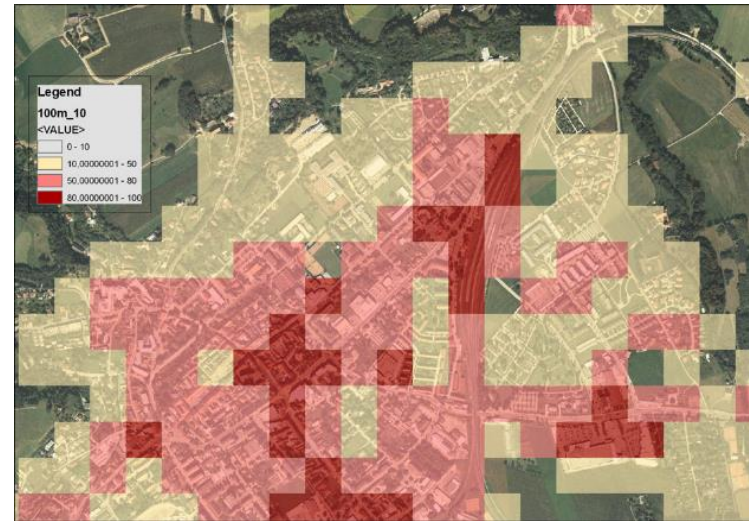
- Water quality
- Oil spill
- Marine vegetation (algae) monitoring



# Mapping the soil loss

A homogeneous map of high resolution land cover data.

Built-up areas, including degree of soil sealing, for 39 countries in Europe.





# Afforestation monitoring in Saudi Arabia

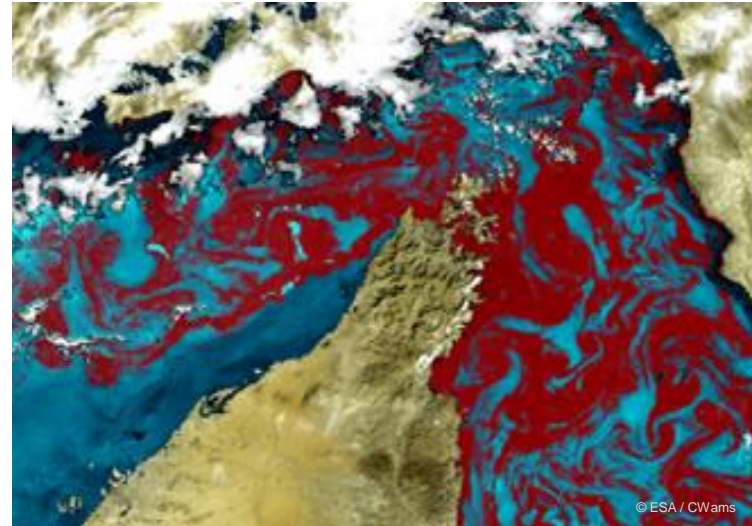
Earth observation services to monitor Saudi Green Initiative's afforestation program in the Kingdom.



# Water quality monitoring

## Red Tide detection and water quality monitoring.

Supporting human health and desalination plants operations in UAE and Saudi Arabia.



# Agriculture and fishery information sharing

## Moroccan Agriculture & Fisheries Geoportal

Easy access to the wide collection of datasets owned by the Ministry.



# Open the geo-knowledge

## INSPIRE Geoportal

The unique access point to global European environmental geo-information resources.

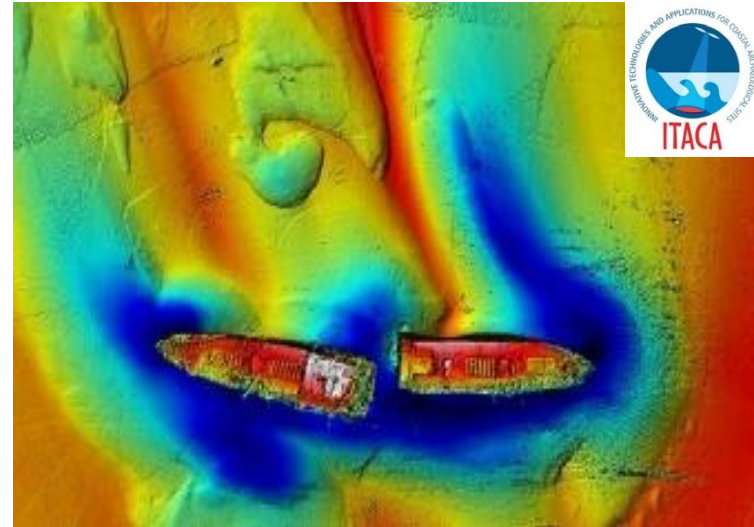
In the framework of the EU INSPIRE Directive.





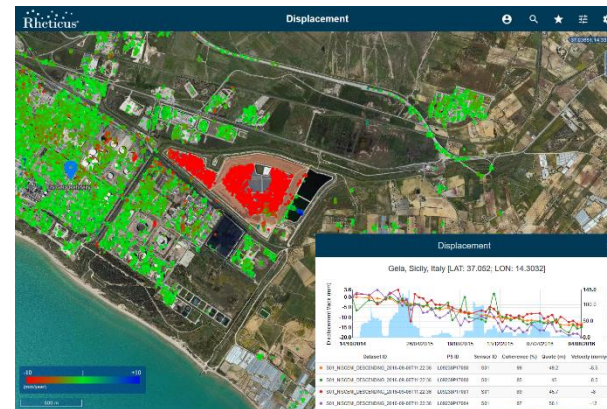
# Discovering our history

E.O. and WebGIS tools to locate and monitor underwater archaeological sites in coastal zones.



# Geo-Information as a Service

- Automatic cloud-based geoinformation services.
- Subscription based.
- From raw data to knowledge in short time, automatically and cost-efficient.
- Utilities, energy and transport infrastructure stability, ground motion, marine water quality, aquaculture, agriculture, wildfires, urban dynamics.



[www.rheticus.eu](http://www.rheticus.eu)

# Every drop counts: empowering water utilities

Rheticus Network Alert service is successfully adopted by main Italian and European multi-utility companies. With continuous satellite monitoring Rheticus provides predictive analytics to prevent risks on assets and on water / wastewater networks.



# Improving resilience of transport infrastructures

A GIS-based infrastructure management system for optimized response to extreme events on terrestrial transport networks.

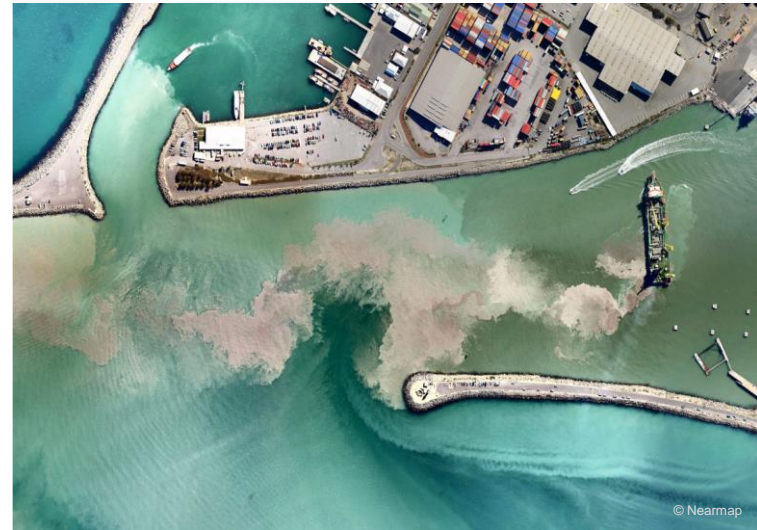




# Near real-time monitoring

Satellite monitoring for energy and engineering companies.

Turbidity and water quality monitoring supporting off-shore infrastructure construction.



# Preventing urban and environmental crimes

Geospatial solutions to increase control and capacity of intervention on the territory.



© Wisconsin DNR

# Multisource 3D IMagery INTelligence

Design and implementation of  
a computer system.

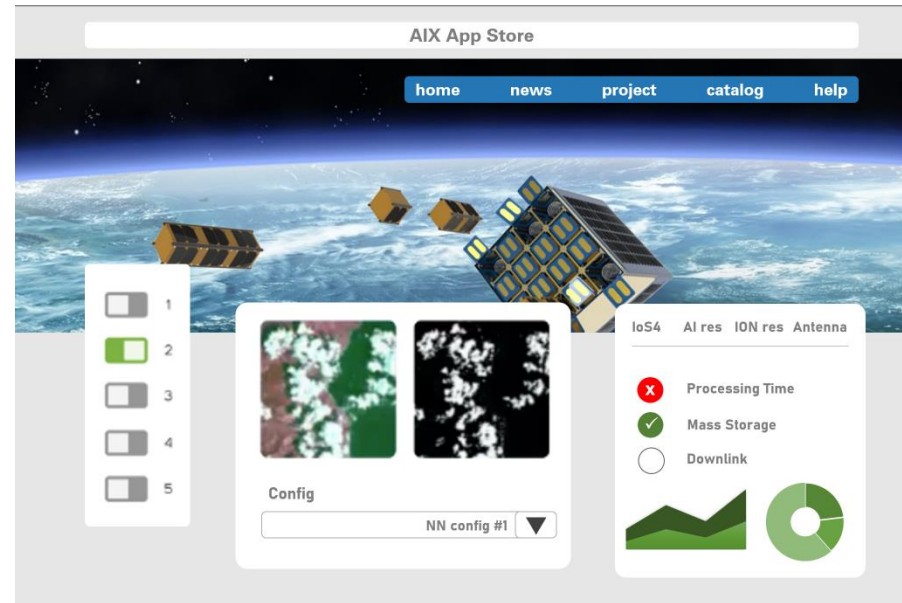
To support the targeting  
activities of the Italian Armed  
Forces.



# AIX Smart In-Orbit Data Processing

## ESA Phi-Lab's InCubed project

AIX is a satellite as-a-service platform providing on-demand, in-orbit data processing resources to turn raw data into actionable knowledge.





# In-Orbit Space Lab

## A Space Lab for ASI's Matera Space Center

ASI's first 'multi-purpose' system consisting of a LEO satellite equipped with EO instruments and a processing environment.

Tools and services for research, expert users and new players.



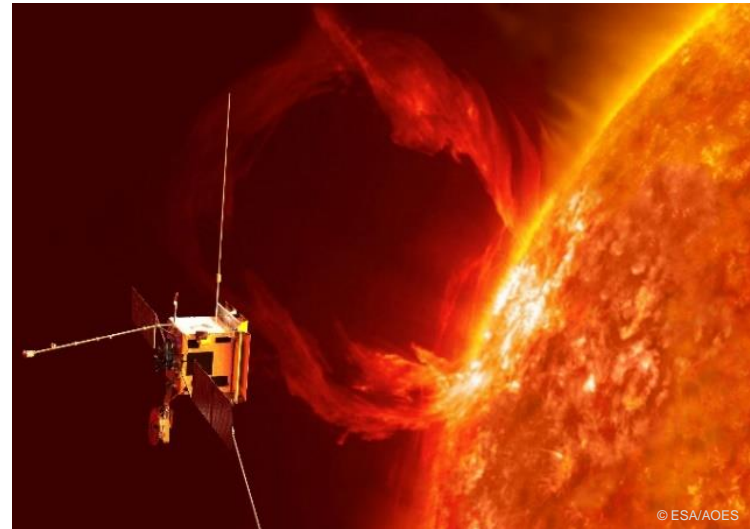
Agenzia  
Spaziale  
Italiana

AIONSL is implemented by a consortium composed by Planetek, D-Orbit, and AIKO

# Observing the Sun

## Solar Orbiter

Development of the Data Processing Unit for the Solar Wind Analyser instrument.

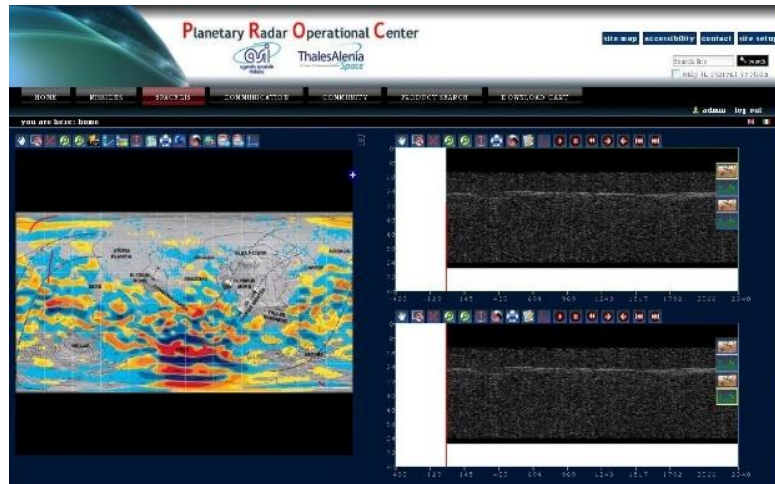


# Sharing space missions data

## Planetary Radar Operational Center

Unified ESA, NASA and ASI web access point.

Catalogue, archive and share scientific data.



# Service Platform

## MORFEO

Landslide risk and  
monitoring from EO data

Prototype system that supports  
the Civil Protection Department to  
take decision about landslide  
hazard and risk forecast

COSMO-SkyMed    Envisat    ERS



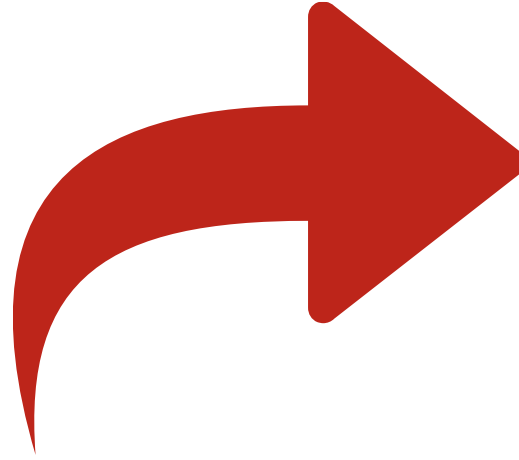


# Service Platform

- **LIMES:** Land and Sea Integrated Monitoring for European Security
- **GMOSAIC:** GMES services for Management of Operations, Situation Awareness and Intelligence for regional Crises
- **PREVIEW:** Prevention, Information and Early Warning pre-operational services to support the risks management
- **SAFER:** Services and Applications For Emergency Response



# Let's keep in touch



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



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



[/planetekitalia](https://www.youtube.com/channel/UC...)



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[linkedin.com/company/planetek-italia](https://www.linkedin.com/company/planetek-italia)