

Orbital systems  
Satellites  
Balloons  
Transversal competencies



NOVELTIS is a French private company that was created in 1998.

We perform innovative scientific engineering studies and implement customized end-user solutions in the fields of Space, the Environment and Sustainable Development.

Our engineers and scientists develop high-tech solutions that involve top-level skills in environmental and physical sciences, in areas covering atmosphere, oceans, and land surfaces.

### COMPETENCIES & CAPABILITIES

NOVELTIS teams have extensive expertise in multi-source data processing, environmental modelling, big data, cloud computing, Web-GIS and operational decision support systems. Our company supplies end-to-end services to governmental bodies and industries.

NOVELTIS helps also the space agencies and industry design tomorrow's space missions, and promotes the use and exploitation of current missions. NOVELTIS focuses its activities on innovation, in close relations with international research laboratories.

NOVELTIS is certified to the ISO 9001 standards and has been granted "Confidential-Defense" status by the French Defense Ministry.



# NOVELTIS

## PRODUCTS & SERVICES

NOVELTIS offers a multitude of services and products to meet several environmental, societal and security needs. Below are some examples of these services and products:

- TechForFire is an innovative operational service for supporting tactical firefighting. This service provides real-time information concerning the current situation of the fire theatre based on satellite and aerial monitoring, as well as the risk forecasts for the coming hours thanks to advanced weather and fire modelling capacities.
- WINEO offers a full blown list of vineyard characterization and management services based on fine-scale mapping.
- MetOcean and Current EO are operational services providing a large set of innovative and reliable indicators for sea state, 3D current, weather Met Ocean and risk monitoring and forecasting.
- Atlases and advanced forecasting services for Renewable Energies (solar, wind, marine energies and biomass).

## MAJOR SPACE PROJECTS & REFERENCES

NOVELTIS' range of projects in Space includes:

- Preliminary studies of new mission concepts;
- Development and exploitation of end-to-end simulators;
- Specification and analysis of the performance of observation instruments and space missions;
- Design and development of geophysical products;
- Validation of observation products and mission calibration;
- User support for the uptake of space based products.

NOVELTIS is involved in various Earth Observation missions and programs: IASI, IASI- NG, MTG, EPS-SG, IRASS, Sentinel 1 to 6, Copernicus, JASON, MERIS, GRACE, GOSAT, Microcarb, SWOT, Altika, SPECTRA, HypXim, Sentinel-NG, etc.

## POINT OF CONTACT

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**TURNOVER** > M€ 4

**WORK FORCE** 40 PhD and Engineers

**SPACE TURNOVER** 75%

**SPACE WORK FORCE** 75%