

activities

AeroSpace & Industry

- Prototyping and reverse engineering
- Design and manufacturing of space
 infrastructures and payloads
- Design, development and manufacturing of on board and ground electronic equipment
- Integrated earth observation system through satellite and avionic platform
- Design, development and manufacturing
 of electronic equipment
- Systems monitoring and telemetry

Downstream space applications & services

- Earth Observation
- Environmental monitoring and surveillance services
- GNSS applications
- Satellite telecommunications
- SAR & Optical Earth observation-based services
- Data elaboration & data fusion algorithms/artificial intelligence
- Validation with ground data, aerial data and drone-born data
- Drones services
- Structures monitoring and civil work
- Geoarcheology
- Geophysic & Geology

Applications fields

- Forestry & Fires
- Monitoring of hydro-geological instability
- Monitoring of urban environments
- Emergency services
- Environmental Monitoring (air & ground pollution, waste, water quality)
- Vegetation, water needs and precision farming

Big Science projects

- Telescopes mechanical & system design
- Design and manufacturing of control systems for astrophisics applications
- Systems monitoring and telemetry
- Design of nuclear projects plants and facilities

