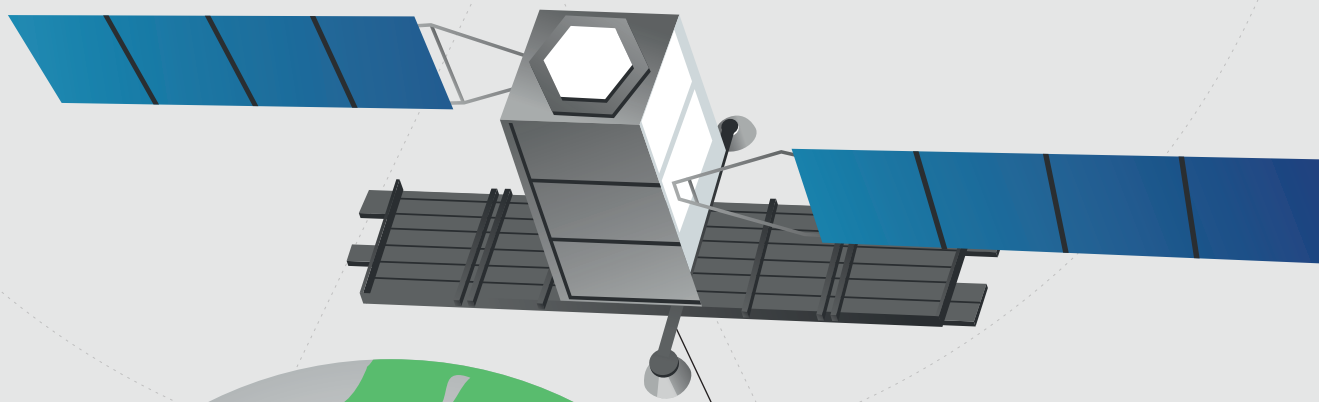


COSMO-SkyMed

COSMO-SkyMed is a dual-use Earth observation programme funded by the **Italian Space Agency (ASI)** with funds allocated by the **Ministry of University and Research** and the **Ministry of Defence**.



FUCINO SPACE CENTRE, TELESPAZIO
HOUSES THE CONTROL CENTRE WHERE THE ENTIRE CONSTELLATION IS MANAGED.

MATERA SPACE CENTRE, ASI
OPERATED BY E-GEOS, THIS IS WHERE COSMO-SKY MED DATA IS ACQUIRED, PROCESSED AND DISTRIBUTED WORLDWIDE.

5 SATELLITES IN ORBIT
• 4 **FIRST GENERATION (CSK)** LAUNCHED BETWEEN 2007 AND 2010 AND 1 **SECOND GENERATION (CSG)** LAUNCHED IN 2019
• THE SECOND CSG WILL BE LAUNCHED IN **JANUARY 2022**

ROME SATELLITE INTEGRATION CENTRE, THALES ALENIA SPACE
WORLD-CLASS TECHNOLOGY LABORATORY WHERE THE FIRST AND SECOND GENERATION SATELLITES WERE BUILT.

2 MILLION

Images acquired from both generations from 2008 to date.

7 BILION

Square kilometres monitored over the years by the satellites, approximately 14 times the entire surface area of the planet.

520

Dual polarization images that can be acquired every day from a single second-generation satellite.

Equipped with a **synthetic aperture radar (SAR)** sensor, the COSMO-SkyMed satellites **monitor the entire planet in all weather and lighting conditions**, providing **high resolution** data for multiple applications in various industries.



CLIMATE CHANGE



SUSTAINABLE RESOURCE MANAGEMENT



AGRICULTURE



CULTURAL HERITAGE



CONTROL OF CRITICAL INFRASTRUCTURE



MARITIME SAFETY



EMERGENCY MANAGEMENT

COSMO-SkyMed stems from the highest competences in the Italian space industry, through **Leonardo** and its joint ventures **Thales Alenia Space** (Thales 67%, Leonardo 33%) and **Telespazio** (Leonardo 67%, Thales 33%) and with the contribution of several national **SMEs**.



In charge the entire system and of the construction of the satellites.



In charge of the Earth segment. Manages the LEOP, IOT, and Operational Qualification phases of the satellites.



Provides star trackers, solar panels, and power distribution units.



Has exclusive rights over the marketing of COSMO-SkyMed radar data worldwide.