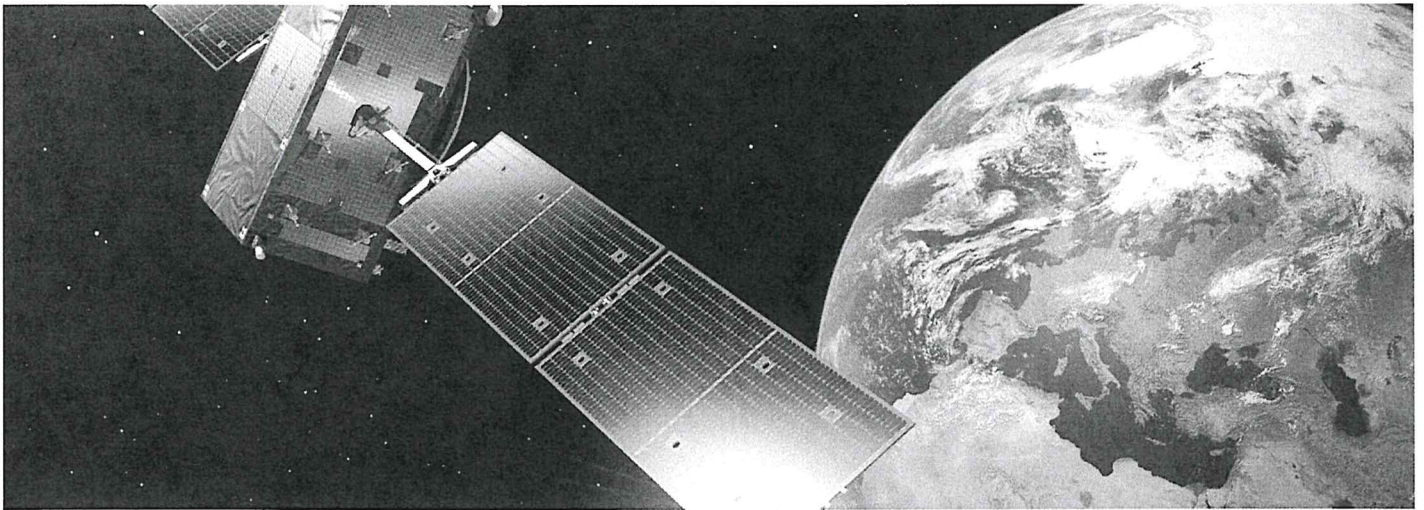


- 1 Descriva brevemente la sua esperienza professionale e formativa in relazione all'attività richiesta dal bando.
  
- 2 Il candidato descriva una missione in corso per l'Esplorazione e osservazione dell'Universo.
  
- 3 Gli organi dell'ASI: ruolo e responsabilità ai sensi dello Statuto.
  
- 4 Il candidato realizzi in excel un grafico a torta con dei dati di sua scelta.

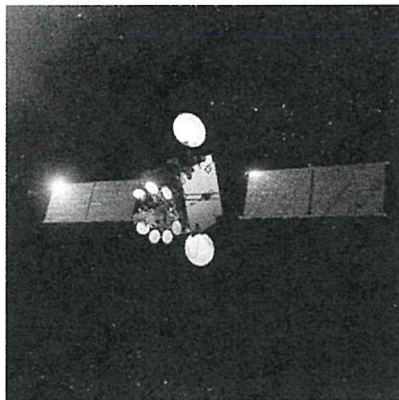


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## ATHENA-FIDUS



Athena-Fidus (Access on Theatres and European Nations for Allied forces – French Italian Dual Use Satellite) is a satellite system for “broadband” communication services for civil and military uses by the government, developed by the Italian Space Agency (ASI) and the Centre national d’études spatiales (CNES) within the framework of cooperation agreements signed by the Italian and French space agencies and Ministries of Defence.



Athena-Fidus is a telecommunication infrastructure which can ensure availability and autonomy in situations of national emergency: after more than 10 years since the de-orbiting of **Italsat F2**, Italy is equipped again with its own Ka-band satellite telecommunication system, targeted at institutional and government services. This allows to fill a gap with all the other big European countries, that had emerged over time, and to give **independency back to Italy** in this sensitive and strategic industry. There will be important applications of this complete national coverage: health and school services, civil protection, safeguard of the territory and, more in general, e-government services.

The system, developed by **Thales Alenia Space** and **Telespazio**, is based on a geostationary satellite which operates in Ka and EHF band, implementing Italian and French independent, dedicated and proprietary communication missions. It’s a medium-size satellite (3 T) and about 3 Gbps of transmission capacity.

Thales Alenia Space, in a temporary joint venture with Telespazio, is in charge of the development, the manufacturing and launch of the satellite. Telespazio manages the launch phases, the LEOP (Launch and Early Orbit Phase), the IOT (In Orbit Test) stage and took part in the manufacturing of the ground-based segment.

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ENTRUSTED is a European research project coordinated by the European GNSS Agency

THURSDAY 23 JULY 2020