

## IRIDE SPACE PROGRAM: EXPRIVIA WON THE 25 MILLION ESA TENDER

*In the context of the NRRP, the ICT group won the ESA (European Space Agency) tender for the provision of the Payload Data Ground Segment (PDGS) for the Italian IRIDE Earth observation satellite constellation.*

**7 April 2023 – Exprivia, an international company specialised in Information and Communication Technology, will drive the project for the provision of the Payload Data Ground Segment (PDGS) of the Italian IRIDE satellite constellation, after winning the 25 million euro contract.**

Exprivia will build a platform to collect the data from over 30 satellites, systematically processing it for the study of natural phenomena. This technology will make data freely available to public and private organisations, and will permanently store it through the latest generation Big Data archiving infrastructure.

The IRIDE space program, which will be implemented in Italy with NRRP resources and managed by ESA in collaboration with ASI (the Italian Space Agency), envisages the creation of a satellite constellation for Earth observation among the most significant ones at European level. Thanks to satellite data processed by Exprivia technology, it will be possible to provide government agencies with useful decision-making tools linked to the monitoring of natural (climate and territorial) phenomena or, for example, to the management of crisis scenarios and maritime traffic. IRIDE is anticipated to be completed by the end of 2026.

In the construction of the Payload Data Ground Segment, Exprivia will guide a group of leading Italian companies which includes Telespazio, Planetek Italia, Serco Italia and Aresys. The activities included in the contract relate to the design, development, validation and maintenance of the PDGS, as well as support to the commissioning of the IRIDE satellites.

*"The project, which was assigned to us by ESA in relation to the IRIDE program, represents a significant recognition for Exprivia in the context of Earth observation satellite missions - commented Roberto Medri, Exprivia's Head of Aerospace & Defence Market Innovation Unit. With the know-how acquired in the processing, management and storage of satellite data, Exprivia supports organisations active in the safeguarding of our Planet".*



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