

Press Release

## **Telespazio and the Pian di Spagna and Lake Mezzola Nature Reserve join forces to enhance territorial security and protection with innovative technologies**

Gera Lario (Como), 7 March 2025 - **Telespazio**, a joint venture between Leonardo (67%) and Thales (33%) and a leader in geospatial services, and the **Pian di Spagna and Lake Mezzola Nature Reserve** have signed a Memorandum of Understanding to initiate a collaboration aimed at using innovative technologies, including drones and satellites, for an **integrated, sustainable, and secure management of the territory**.

The framework agreement provides for the use of **remotely piloted systems** operated by Telespazio's Lario Space Centre, utilizing the **T-DROMES®** software platform and leveraging advanced satellite technologies to ensure safe Beyond Visual Line of Sight (BVLOS) flights, which are necessary for the planned services for the Reserve and neighboring municipalities.

In particular, services will be developed for **environmental and wildlife monitoring**, territorial security, emergency support, wildfire prevention, and post-event damage assessment.

"We are proud to provide the Pian di Spagna and Lake Mezzola Nature Reserve with our expertise and cutting-edge technologies in geoinformation, remotely piloted systems, and telecommunications for the protection of the environment and the territory, which is also home to our Lario Space Centre of excellence," said **Milena Lerario**, Director of the Geo-Information Business Line at Telespazio and CEO of e-GEOS. "This agreement represents a significant step forward towards more efficient, sustainable, integrated, and secure land and inland area management, thanks to the use of innovative solutions that enable us to monitor and protect our natural heritage and provide services to citizens and tourists."

"The collaboration with Telespazio represents a valuable opportunity for the Reserve to adopt advanced technological tools in the field of Innovative Air Mobility and Delivery, where Telespazio is a recognized leader, also present in our area, to improve monitoring and management capabilities," added **Roberto Vignarca**, President of the Pian di Spagna and Lake Mezzola Nature Reserve. "The integrated use of drones and satellite assets in a versatile manner will allow us to optimize our environmental protection activities, from wildfire prevention to wildlife control, contributing to biodiversity conservation and ensuring visitor safety in cooperation with local and regional administrations."

The agreement includes an initial phase of analyzing the Reserve's specific needs, identifying the most suitable technologies, and defining concrete use cases. Telespazio will provide its secure and segregated area at the Lario Space Centre as an operational base for testing.

### **About Telespazio**

Telespazio, a joint venture between Leonardo (67%) and Thales (33%), is one of the world's leading operators in space services: from the design and development of space systems to the management of satellite launch and in-orbit control services; from Earth observation, integrated communications, satellite navigation, and positioning services to scientific programs. The company plays a key role in its reference markets, leveraging over 60 years of technological expertise, infrastructure, and participation in space programs such as Galileo, EGNOS, Copernicus, COSMO-SkyMed, and Moonlight. Telespazio, together with Thales Alenia Space, forms the "Space Alliance" and generated a revenue of €700 million in 2023, with 3,300 employees in fifteen countries. [www.telespazio.com](http://www.telespazio.com)

## Telespazio Press Contacts

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## About the Pian di Spagna and Lake Mezzola Nature Reserve

The Pian di Spagna and Lake Mezzola Nature Reserve is a Public Law Entity established to manage the namesake nature reserve. Its management is entrusted to a consortium of the Alto Lario Occidentale, Valchiavenna, and Valtellina di Morbegno mountain communities in Lombardy. The Reserve was created to ensure a suitable habitat for migratory bird rest and nesting, protect and maintain the area's natural and landscape features, regulate and monitor its use for educational and recreational purposes, and oversee socio-economic activities in compliance with environmental conservation needs. The Reserve extends over a territory historically contested between land and water, and its unique geographical position makes it an area rich in interesting natural and historical-cultural observations. The protected area is not only a natural laboratory full of opportunities for direct observation of various ecosystem components and the hydrographic system but also a concrete example of the interdependence between human activities and natural resources. [www.piandispagna.it](http://www.piandispagna.it)

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