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## Climate emergency management in Vietnam: MASE and e-GEOS sign international cooperation agreement

Rome, 1 August 2024 - The Italian Ministry of Environment and Energy Security (MASE), in the context of its international cooperation work, has co-financed the construction of a **climate emergency response centre in Vietnam**, which will be implemented by e-GEOS (ASI 20%, Telespazio 80%) with local industrial partners, under the coordination of the National Remote Sensing Department (NRDC) of the Vietnamese Ministry of Natural Resources and Environment (MONRE). The total value of the project is 3.5 million, financed with a three million euro contribution from Italy and the rest from within Vietnam.

Working with Vietnamese partners, e-GEOS will develop a **Centre of Operations (GIC – Geo Information Centre)**, a system capable of supplying pre- and post-event information and analysis in a matter of hours through integration of the technological capabilities of the **COSMO-SkyMed** radar satellite constellation (of the Italian Space Agency and Ministry of Defence) and e-GEOS application platforms for **maritime surveillance, infrastructure monitoring and emergency support**.

The initiative supports strategy for adaptation to the effects of climate change in particularly vulnerable parts of Southeast Asia, included in the **“Set up and implementation of a Geo-Information System for Climate Change Vulnerability, Risk Assessment and Environment Monitoring for Vietnam based on Remote Sensing Technology”** cooperation project which the Italian Ministry has set up in partnership with the Vietnamese Ministry of Natural Resources and Environment.

In this project, e-GEOS provides MASE and Vietnam with its expertise in the processing and exploitation of analyses based on radar, optical and other sensor data, interferometry, hydraulic models, artificial intelligence and emergency and climate change response.

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### ABOUT e-GEOS

e-GEOS, an ASI (20%) / Telespazio (80%) company, is a global leader in delivering applications and services through highly technological and innovative Geoinformation platforms based on Artificial Intelligence and cloud technology. e-GEOS offers a unique portfolio of application services, from data acquisition to analytical report generation, also thanks to its optical and radar capabilities and fast access to the superior monitoring capabilities of the first- and second-generation COSMO-SkyMed constellation, of which e-GEOS is the exclusive distributor worldwide. e-GEOS manages the Matera Space Center for the acquisition, storage and processing of multi-mission satellite data. The Center is one of the stations of the Core Ground Segment of Copernicus and receives radar data acquired by Sentinel-1 mission.

*COSMO-SkyMed is the first satellite constellation for dual use, i.e. civil and military, engaged in land monitoring, security and emergency management.*

*Financed by the Italian Space Agency, the Ministry of Defence and the Ministry of Education, Universities and Research, the system is the result and expression of the best skills of the Italian space industry, with Leonardo and its joint ventures Thales Alenia Space and Telespazio, assisted by a significant number of small and medium-sized enterprises. In particular, Thales Alenia Space (Thales 67%, Leonardo 33%) is the prime contractor, responsible for the entire system, while Telespazio (Leonardo 67%, Thales 33%) built the ground segment and hosts the constellation's command and control centre in Fucino. The data generated by the COSMO-SkyMed satellites are marketed worldwide by e-GEOS (Telespazio 80%, ASI 20%).*

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