



Press release

## Seih Sou: HEDNO Completes Major Overhead-to-Underground Network Conversion Project Exceeding €8 Million

HEDNO has completed a major Medium Voltage overhead-to-underground network conversion project in the Seih Sou exurban forest of Thessaloniki, with a **total budget exceeding €8 million**, aimed at strengthening network resilience against the impacts of climate change while safeguarding the natural environment.

The project involved the construction of approximately 23 km of new **underground Medium Voltage network** and the dismantling of approximately 12 km of **overhead Medium Voltage network** and was implemented through four separate sub-projects. This was a large-scale intervention in a particularly demanding area, as the terrain of Seih Sou and the specific access and construction conditions within a forest environment required special planning and tailored engineering solutions.

Specifically, the first of the four projects, with a budget of approximately **€650,000**, commenced in 2022, while from 2023 three additional projects were included under the **Recovery and Resilience Facility (RRF)**, with an estimated cost of approximately **€7.5 million**. The energisation of the entire new underground network was completed on 8 May 2026, while the dismantling of the de-energised overhead network is expected to be completed by the end of June 2026.

The undergrounding of the Medium Voltage lines in Seih Sou, a vital green asset for the city of Thessaloniki, substantially enhances network resilience and significantly reduces its exposure to faults and power outages caused by extreme weather events, while at the same time contributing to the protection of the natural environment.

A key factor in the successful implementation of the project was the effective coordination with the competent authorities, namely the Forest Service, the Municipalities, the Region of Central Macedonia and the Decentralised Administration, which enabled the timely completion of the permitting procedures and ensured compliance with environmental requirements.



The Seih Sou project forms part of HEDNO's broader strategy to accelerate the undergrounding of overhead electricity distribution lines throughout the country, with a focus on improving citizens' daily lives and protecting areas with particularly sensitive geomorphological characteristics.

It is recalled that, as part of this strategy, HEDNO has achieved an increase of more than eightfold in the annual rate of network undergrounding works, while network development continues at a rate of 1.0%, exceeding the European average of 0.7%.

The project is being implemented within the framework of the National Recovery and Resilience Plan "Greece 2.0", funded by the European Union – NextGenerationEU.

#### [Legend](#)

Athens,  
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Press Office