

CABLEGNOSIS Consortium

CABLEGNOSIS puts together a unique consortium of **17 partners** from **8 different EU countries**, representing a wide range of expertise and resources.



Learn More:

- <https://cablegnosis.eu/>
- info@cablegnosis.eu



Join Us:

- [in](#) #cablegnosis
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Pioneering the future of EU clean energy through innovative power cable technologies.



Connecting Europe with smarter, greener, and safer energy solutions.



CABLEGNOSIS

Goals

- Develop **advanced insulation and conductor designs** for high-performance, environmentally sustainable cables.
- Study **aging and durability of superconducting cables**.
- Introduce **AI tools for pre-fault monitoring**, aging analysis, and remote diagnostics.
- Explore **recyclable materials** for power cables.
- Conduct **feasibility studies for offshore wind parks** (Netherlands & Germany).
- Support **EU 2050 clean energy targets** with scalable cable solutions.

CABLEGNOSIS

Life Cycle platform includes

- **Innovative cable materials** and superconductors.
- **AI-based diagnostics** and predictive maintenance.
- **Environmentally friendly** and recyclable cable solutions.

Impact

- **Enable interconnections:** UK-Morocco, Cyprus-Israel, Aegean Sea offshore.
- **Integrate** renewable energy (solar, wind) into the European grid.
- **Contribute** to EU's green transition goals.

Validation Sites

Laboratory and field demonstrations in **5 European countries** will test innovative cable insulation materials, AI-based monitoring and predictive maintenance tools, and superconducting cable technologies will be tested in .

