

GREGY

ELECTRICAL INTERCONNECTION
EGYPT - GREECE

Electrical Interconnection of the Egyptian with the Hellenic & the European Power Systems

A strategic project for Europe

ELICA INTERCONNECTOR

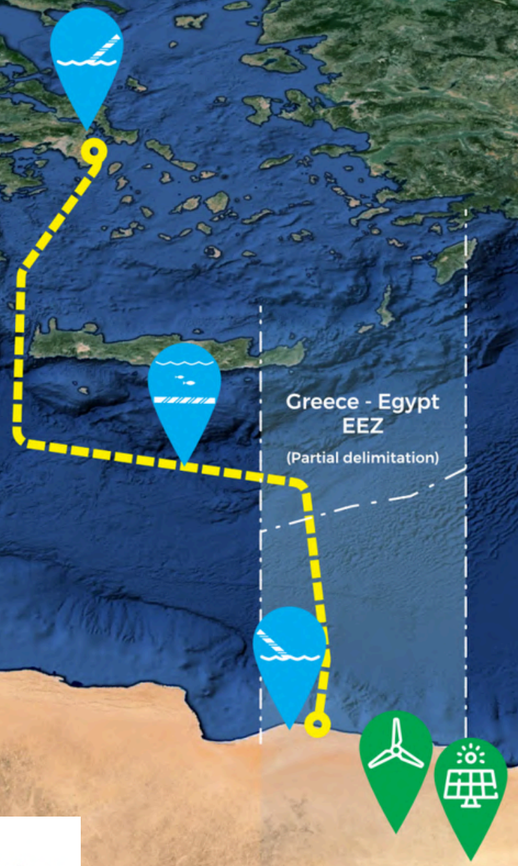
Copelouzos Group

Co-funded by the European Union

The route of the interconnection has been carefully designed taking into consideration commercial, technical and geopolitical parameters



e cable directly
terconnects Egypt with the
eek mainland for the
nsfer of **3,000 MW of GREEN ENERGY**



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GREGY – History and Status of the Project

Significant milestones have been achieved until today

- Conceived by ELICA of Copelouzos Group in 2008;
- Signing of the first agreement with the Egyptian Electricity Holding Company in 2010;
- The Group has concluded the Preliminary Feasibility Studies;
- The first two of the final studies (DTS & CBA) are being finalized;
- *Targeted COD: 2031*

A PCI/PMI Project



Included in the **1st and 2nd PCI/PMI Lists of EU;**
Included in **TYNDP 2026 of ENTSO-E**:

Global Gateway



Included in the list of **Global Gateway priority projects** of the European Union.

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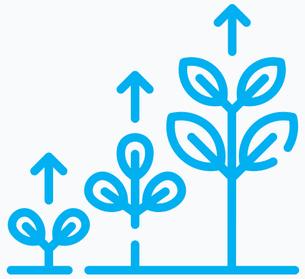
GREGY contributes to the faster achievement of EU environmental targets



- GREGY is committed to transfer **3,000 MW of green energy** to Greece and Europe;
- Contributes to both the **Climate Change** and the **Greenhouse Effect prevention;**
- Supports the **faster achievement of Europe's Green Deal and Green Transition targets;**

Reduces CO2 emissions by ~ 10 mil. tonnes on an annual basis



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GREGY reduces the dependency of Europe on fossil fuels & enhances security of supply

- Reduces the **dependency of Europe on fossil fuels (can replace 4.5 bcm of natural gas annually)**;
- Reduces the capacity of the necessary **energy reserves** for safety;
- Improves **reliability, stability and security of supply** in the European system;

Provides alternative energy sources for Europe, achieving energy diversification and security

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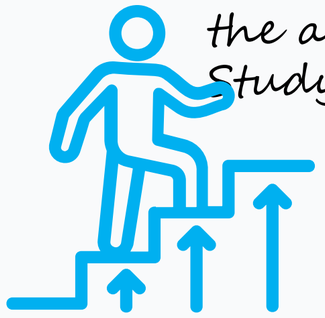
GREGY has significant social and economic benefits for the region

- Contributes to the achievement of **energy market integration,** which will lead to **lower wholesale electricity prices** for the region giving economic benefits to the society and its consumers;
- Offers **green and competitively priced baseload energy**;
- **Reduces the energy cost for the industries** of the region, ensuring competitive advantage with a strong export orientation;
- **Addresses the problem of scarcity of land in Europe** for the achievement of green transition targets [McKinsey Study]





Provides a range of wider social and economic benefits, including creation of jobs and business opportunities in the region

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GREGY has important geopolitical benefits

- Forms the cornerstone for the creation of green energy corridors linking North – South;
- Transforms Greece to an important green energy hubs to support green transition;
- Creates a long-term, strong relationship between Egypt and E.U.

GREGY creates a GREEN ENERGY CORRIDOR contributing to faster green transition with many important energy, environmental, economic, social and geopolitical benefits

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Development of RES in EGYPT

Copelouzos Group will invest in the development, construction and operation of renewable energy projects in Egypt with a total capacity of 8.5 GW

The utilization of the electrical interconnection is maximized



The investment will provide the green energy to be transferred via GREGY interconnection to Greece and Europe

The plan will be to gradually construct 8.5 GW of wind and solar parks (75% / 25%)

Egypt: abundance of suitable land, excellent RES capacity factors, proximity to Europe (Greece), extroverted policy

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An iconic project paving
the strategic direction
Europe should follow
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