

# INNOVATION FUND

Driving clean innovative technologies towards the market

## The Innovation Fund

The Innovation Fund is one of the world's largest funding programs for the deployment of net-zero and innovative technologies. It aims to bring to the market solutions to decarbonize European industry and support its transition to climate neutrality while fostering its competitiveness. It focuses on highly innovative technologies and flagship projects within Europe that can bring about significant emission reductions. It is about sharing the risk with project promoters and putting the spotlight on first-of-a-kind, highly innovative projects. The Innovation Fund's 2023 call for proposals supported the deployment of innovative clean technologies with a €4 billion budget.

The EU Emissions Trading System (EU ETS) – the world's largest carbon pricing system – provides the revenues for the Innovation Fund from the monetization of 530 million ETS allowances.



Funded by the European Union

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## About REALIZE

The REALIZE project aims to present a carefully selected and pre-qualified portfolio of new renewable energy generation technologies to the EU Innovation Fund through proposals resulting from successfully completed Horizon projects in Renewable Energy Sources.

The project will support Innovation Fund project promoters to win major Innovation Fund support or propose alternative funding opportunities at EU, national, and local levels.

Scan this QR code for more information:



Renewable  
Energy  
Actions  
Leveraging  
Innovation Towards  
Zero  
Emissions In Europe





## Methodology

The consortium follows a tailor-made systematic methodology to help Innovation Fund project promoters coming from completed or ongoing Horizon projects to apply to the forthcoming Innovation Fund Calls.

- Phase 1:

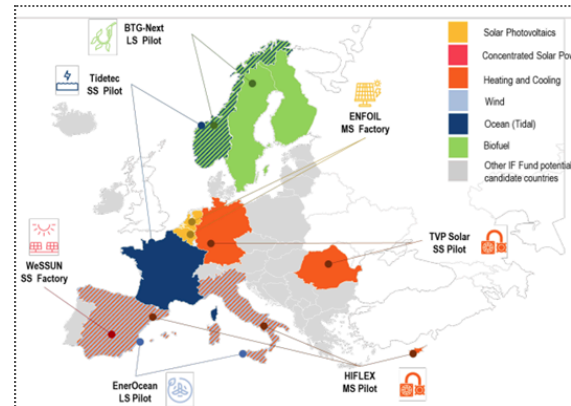
Extensive Due Diligence on technical, financial and operational maturity of projects for Innovation Fund & mapping of alternative funding opportunities (From January 2024 to February 2025).

- Phase 2:

Preparation of high-quality Innovation Fund proposals, providing technical, legal and financial support to project promoters (From March 2024 to March 2026).

## Selected Renewable Energy Technologies

REALIZE mobilizes a comprehensive selection of new, currently not fully commercialized renewable energy technologies in advanced photovoltaics (PV), concentrating solar (CSP), Solar Heating & Cooling, Offshore Wind, Ocean (Tidal) energy, and Advanced Biofuels for sea and air transport.



*Initial concepts - projects and locations may change*

The technologies' owners will be supported in their effort to win major Innovation Fund support by a multidisciplinary team with strong expertise on the Innovation Fund application process as well as on other European and national funding schemes related to Renewable Energy Sources projects, allowing them to maximize the potential to present innovative Renewable Energy projects for public grants and/or equity investment.

## Expected outcomes

The REALIZE project:

- helps project promoters to optimize their projects for the Innovation Fund. This will result in [more mature Innovation Fund proposals](#) and projects delivering real GHG emission abatement with economic feasibility, by innovative solutions today perceived as too risky by commercial investors and public authorities.
- aims at contributing to REPowerEU by supporting [clean energy technologies](#), boosting industrial decarbonization and decreasing the demand of non-renewable sources.
- helps [make energy more decentralized, dispatchable \(in bioenergy projects\) and affordable](#) for households, businesses, and vulnerable communities, as well as boost local economies and quality of life for people living in rural and remote areas.

