

The European Green Deal



Our Priorities



The European Investment Bank focuses on four areas:

- Innovation and skills
- Small businesses
- Infrastructure
- Climate and environment

EIB Climate Action in 2018



Climate change mitigation

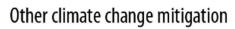


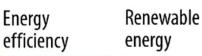


Research, development and innovation















Lower carbon

transport

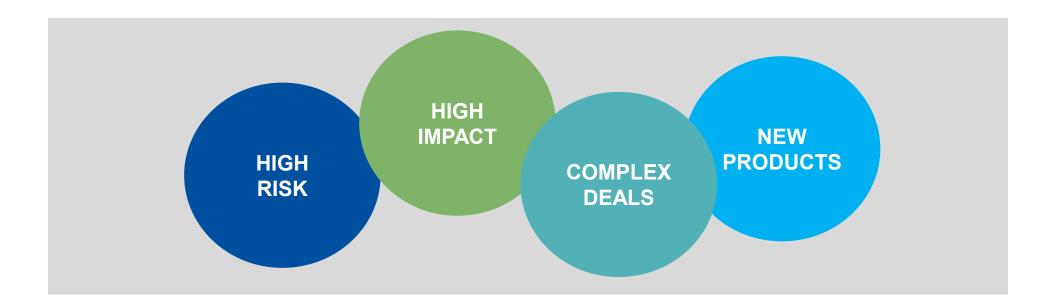


sta refer to EIB investment in 2018

€ 16.2 billion Climate Action investments

EIB Activities

- Mainstream Bank Activities
- New Products and Special Transactions





INPST Climate Action

- In cooperation with the European Commission developed two new instruments have been developed.
- These target the decarbonisation of two sectors:





About the Energy Demo Projects Facility



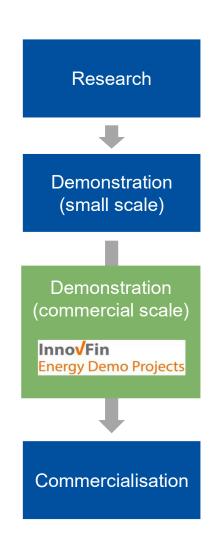
"The EU needs investments in innovative energy technologies to meets its decarbonisation targets"

The Energy Demo Project ("EDP") Facility aims to:

- target innovative projects that are usually too risky to be supported by conventional financial instruments
- bridge the financing gap between demonstration and commercialization
- support the further rollout of innovative low-carbon energy technologies to the market

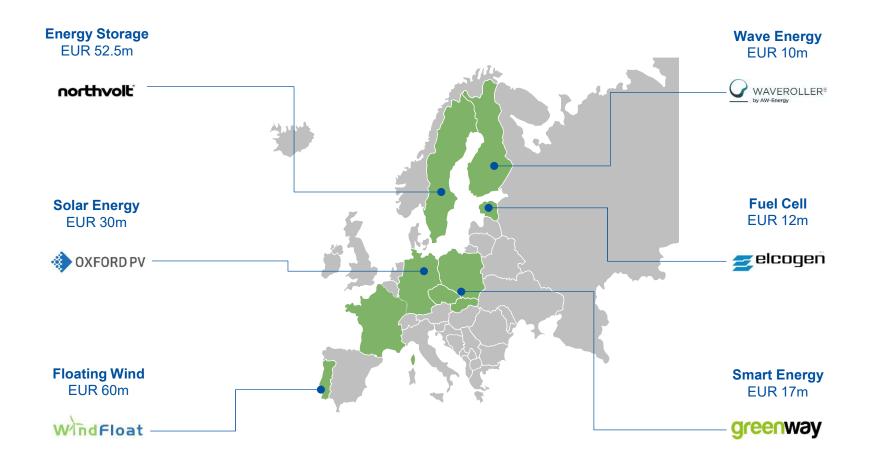
Why can financing be a bottleneck?

- private investors have a higher-risk perception of pre-commercial demonstration projects
- Such projects involve unproven technologies at scale and/or target markets that yet have to develop





Examples of EDP projects





WINDFLOAT

First Iberian Floating Offshore Wind

- Design and installation of a 25 MW floating windfarm 20 km off coast of Portugal, 85-100 water depth.
- 3 floating substructures each one with a wind turbine of the 8.4 MW.
- Project viability is underpinned by a 20 year
 Feed in Tariff.
- Experienced promoter's consortium EDPR, Repsol & Engie.
- EIB loan under InnovFin EDP, blended with grant funding from the EC (NER 300) and the Portuguese government.
- Major part of the project is built in Iberia, using the naval and steel industries of both Spain and Portugal.





The Project contributes to the general objective of Climate Change, with a focus on marine energy.



Demonstrate



If successful, the project will "pave the way" for the floating offshore technology which will allow the use of maritime sites not feasible today.

Key Project for de-risking the technology, which will be replicated in other parts of Europe (France, UK).



WINDFLOAT First Iberian Floating Offshore Wind

https://www.youtube.com/watch?v=GvDZCEoOV9U



GREENWAY

Roll-out of a network of electric vehicles charging stations in Central and Eastern Europe

- EUR 17m quasi equity financing to GreenWay, Slovakia's leader in electric vehicle charging stations and services. This is the first EDP operation in Slovakia.
- National pilot network in Slovakia established since May 2016, with 60 fast charge stations and 1,500 registered users
- Besides ultra-fast charging stations, deployment at the end of 2017 of a pilot battery assist fast charging system to optimize the local energy management and potentially also provide additional energy services to the grid
- Project will support the development of the electric charging equipment and automotive industry, and related suppliers through the accelerated deployment of EV infrastructure and associated EVs





Supports the decarbonisation of transportation by promoting alternative fuels



Demonstrate

Demonstrates the feasibility of commercial-scale deployment of ultra fast charging stations for EV and the pilot of an integrated battery energy storage system



Crowd-in

Allows for the financing of a high risk project and an early stage venture



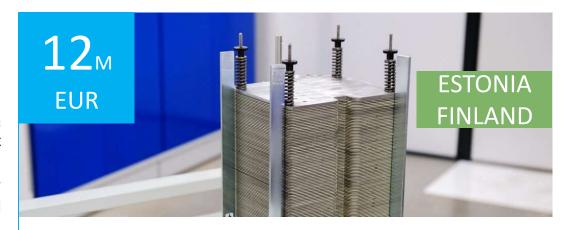
European Investment Bank Group

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ELCOGEN

Fuel cells manufacturing plant

- EUR 12m quasi equity financing (*) to an Estonia based start-up founded in 2001; this will be the first EDP operation in Estonia
- The project consists of an innovative 50 MW automated manufacturing plant of fuel cells and stack systems
 - It is the first plant able to demonstrate the efficiency and cost advantage of Solid Oxide Fuel Cells
 - Significant cost reductions are achieved, improving fuel cell competitiveness and opening new market opportunities
 - Elcogen fuel cells have achieved the world record in electrical efficiency of 74% at stack level and can operate at lower temperatures (650°C) than competitors





Supports the decarbonisation of energy production and enables highly efficient energy storage



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Demonstrates a high-speed manufacturing process for the production of higher quality fuel cells at a lower cost





Allows for the financing of a high risk project and an early stage venture



Crowd-in

About Future Mobility

FM falls under the TEN-T regulation and is a new initiative launched in June 2019 by the EIB and the European Commission ("EC") to support investments in high risk projects of common interest in the transport sector.

FM is part of the Connecting Europe Facility Debt Instrument (CEF-DI) created in 2014.

Projects must contribute to at least one of the following to be eligible under FM:

- Cleaner mobility
- Smarter and more efficient mobility
- Safer mobility



"Future Mobility projects contribute to the **decarbonisation** of transport, energy efficiency, digital and technological innovation through a cleaner, digital and automated mobility."



ECOSLOPS

Recycling marine fuels facilities

- EUR 18m quasi equity financing to an innovative technology company that makes it possible to recycle oil residues to produce new fuels and light bitumen.
- EU Policy fit:
 - Stimulates carbon efficiency
 - Implements a new technology
 - Provides recycling of fossil fuels
 - Implements Circular Economy
 - Avoids the incineration of marine residues

JUN 2019



Signature

JUN 2019



Construction

DEC 2020



Operation





Improves the sustainability of transport and goods, according to art.33 of TEN-T regulation



Capacitate

Allows for the implementation of Port Reception Directive from EU 2000/59/EC



Accelerate

Accelerates the compliance with MARPOL convention and the convenience for ships to dispose slops in ports



Scale up of the technology developed by the company, which turns recycled marine fuel sludge into international standard sellable fuels.

BE CHARGE

Electric vehicle charging stations

- EUR 25m quasi equity financing the expansion of public Electric Vehicle Chargers (EVC) stations across Italy.
- The project targets to deploy a network of 11,000 new EVC by 2030 all across the Italian territory.
- EU Policy fit:
 - Decarbonisation of transport through transition to innovative and sustainable transport technologies
 - Promotion of the deployment of electric vehicles infrastructure
 - Support for the e-mobility market expansion





Deployment of electric vehicles infrastructure, making EVC stations widely and easily available and suppling energy from renewable sources



Acceleration of the deployment of electric vehicle chargers via the roll-out of a nationwide network



Demonstrate

Demonstration of the possibility of making public electric chargers easily available to cover EV drivers needs and clear their concerns



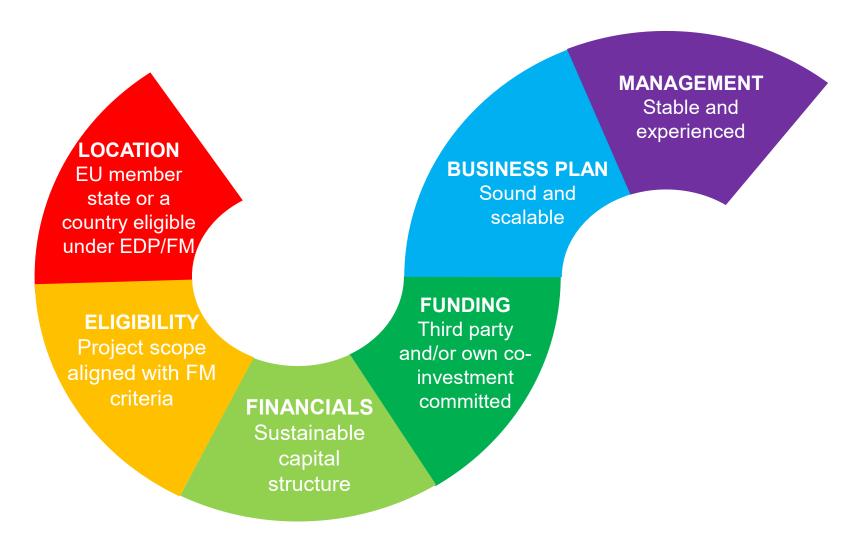
Advantages of EIB Financing

EIB financing offers advantages for companies, founders and investors





Applicant Profiles





Indicative Term Sheet

SMEs and MIDCAPS

QUASI-EQUITY

Instrument: quasi-equity debt

Co-investment: EIB finances maximum 50% of

eligible project costs, coinvestment with third-party sources or own resources

Ticket: minimum EUR 7.5m

Tenor: up to 10 years

Availability: up to 4 years after signature **Pricing:** target return commensurate to

the risk, may include one or more of the following - Cash interest,

compound interest (PIK), warrants, profit participation

Covenants: case-by-case basis

Security: un/secured **Fees:** applicable

CHECK ELIGIBILITY

RINGFENCED PROJECTS

PROJECT FINANCE

Instrument: debt

Co-investment: EIB finances maximum 50% of

eligible project costs, coinvestment with third-party sources or own resources

Ticket: EUR 7.5m - 75m
Tenor: case-by-case basis
Availability: milestone based

Pricing: target return commensurate to

the risk, might include compound

interest (PIK) in specific cases

Covenants: case-by-case basis

Security: secured **Fees:** applicable

CHECK ELIGIBILITY



Conclusions



Accelerate

We invest with the aim to accelerate the transition to cleaner transport



We support promoters through advisory services





Demonstrate

We demonstrate the viability of innovative ventures that support cleaner transportation

Crowd-in

EIB participation can trigger further private investments





De-risk

EIB shares the risk of private investments in support of a transition to cleaner transport

Climate Action

Cleaner transportation reduces CO2 emissions and supports EU climate action objectives



