



# InnovFin

## EU Finance for Innovators

Energy Demonstration Projects  
(EDP)

Brussels, 22<sup>nd</sup> June 2017

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# EDP : A Thematic Product within InnovFin

- InnovFin provides financing for EU innovators:
  - aims to facilitate and accelerate access to finance for innovative entities in Europe
  - a joint initiative of the European Investment Bank (“EIB”) Group with the European Commission (“EC”)
  - falls under Horizon 2020, the EU framework for research and innovation
- Covering the entire value chain of research and innovation:
  - tailored InnovFin products are available to support small and large research and innovation
  - Energy Demo Project (“EDP”) is part of InnovFin’s thematic financing
  - projects may also benefit from Innovfin advisory services offered by the EIB Group to support investments



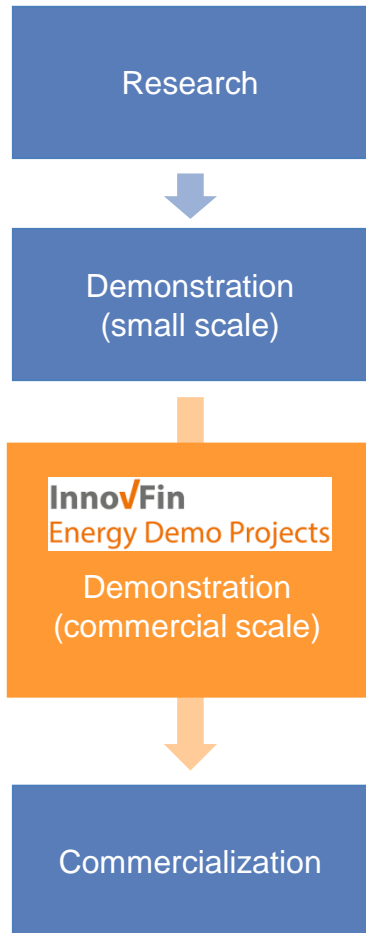
- A sizable impact through InnovFin:
  - approximately EUR 24bn of debt and equity financing is available to innovative companies
  - the research and technological risk-sharing finance facility (2007-2013) was the predecessor of Innovfin
  - this programme financed 114 R&I projects totaling EUR 11.3bn and provided loan guarantees for another EUR 1.4bn

# The EDP Instrument

- The EC and the EIB aim to help solving the financial bottleneck for pre-commercial projects by the EDP, which:
  - provides financing through a joint flexible instrument to innovative energy demonstration projects;
  - offers promoters, sponsors and/or operators the opportunity to leverage EIB's capability to evaluate and structure innovative projects;
  - provides technical assistance to improve the bankability of projects.



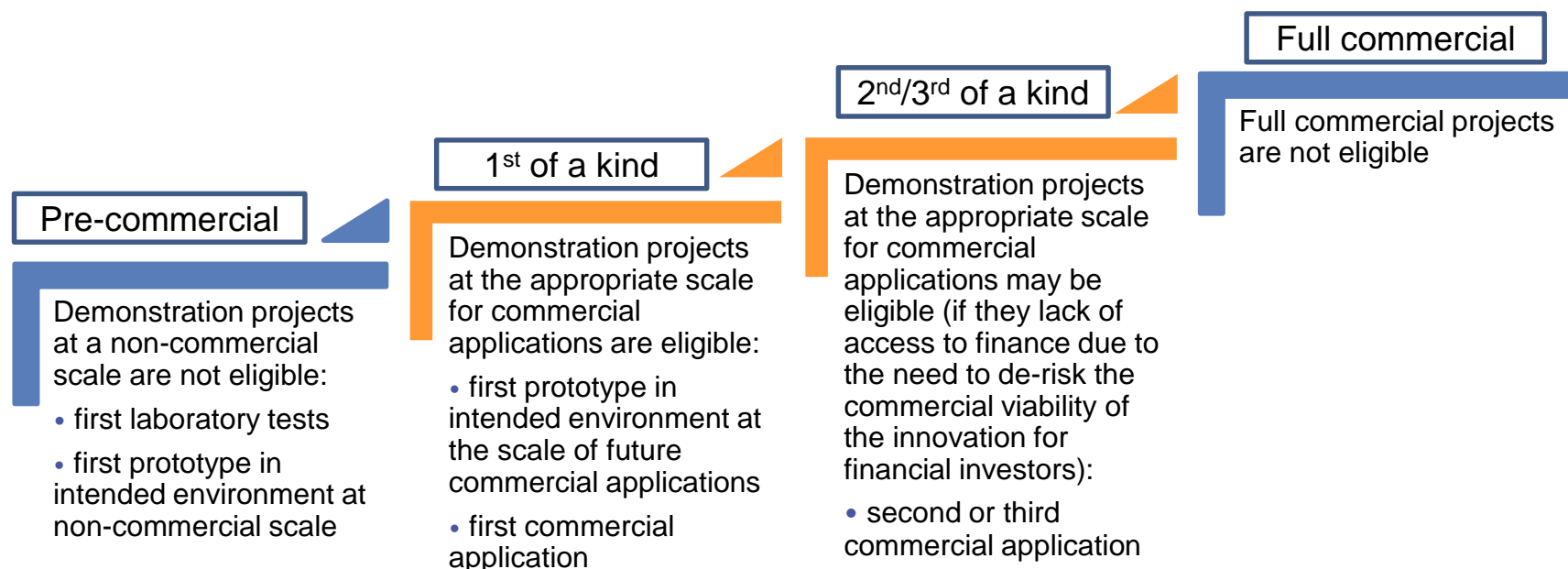
# Why create an Energy Demo Projects Facility?



- There is a need of investments on innovative energy technologies to:
  - improve its security of supply
  - generate sustainable economic growth
  - address global climate change challenges
- Financing can be a constraint when implementing an innovative energy technology:
  - the phase between the demonstration and commercialization of a new technology is also called the “death valley”
  - private investors have a higher-risk perception of innovative projects when:
    - pre-commercial demonstration projects deal with unproven technologies at commercial scale
    - their business model target markets that yet have to develop
- The Energy Demo Project Facility aims to:
  - bridge the financing gap between demonstration and commercialization
  - finance projects or initiatives that aim to demonstrate the commercial viability and deployment of innovative technologies

# What kind of Innovation is eligible?

- The innovation may:
  - relate to a specific technology or processes, products or services;
  - consist of the 'innovative combination' or 'innovative application' of existing technologies.
- The innovative aspect should not have reached full commercialization, meaning it is:
  - already at a pre-commercial level, or;
  - at an early commercialization stage, or;
  - not at a commercial scale at a sustained pace (i.e. in project which contribute to “de risk” the technology).
- The proposed project should be innovative in relation to others in the market.



# What sectors are eligible?

Eligible demonstration projects focuses on Renewables but also with the priority fields identified by the [SET Plan](#), which include but are not limited to<sup>1</sup>:

**Carbon capture and storage and use**

**Energy storage**  
including batteries for both e-mobility and stationary storage

**Renewable energy technologies**  
such as: solar photovoltaic concentrated solar power/solar thermal electricity , wind, bioenergy, geothermal, ocean, hydropower, renewable heating and cooling, renewable fuels;

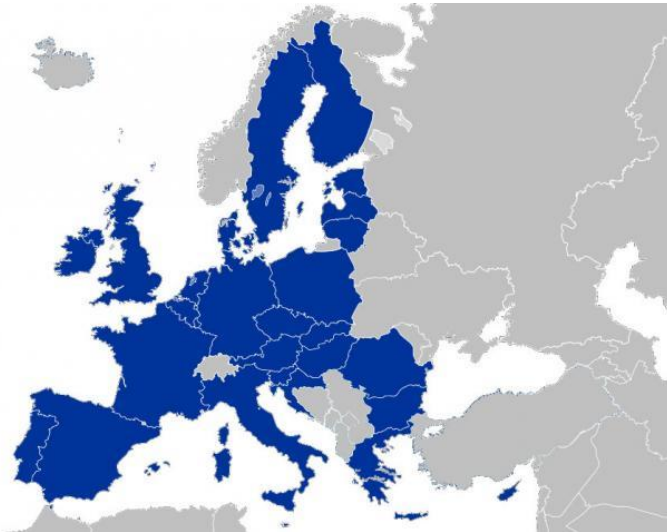
**Smart energy systems,**  
including smart grids

**Manufacturing**  
processes for innovative technologies

with the exclusion of nuclear energy and energy efficiency

# Eligible Countries

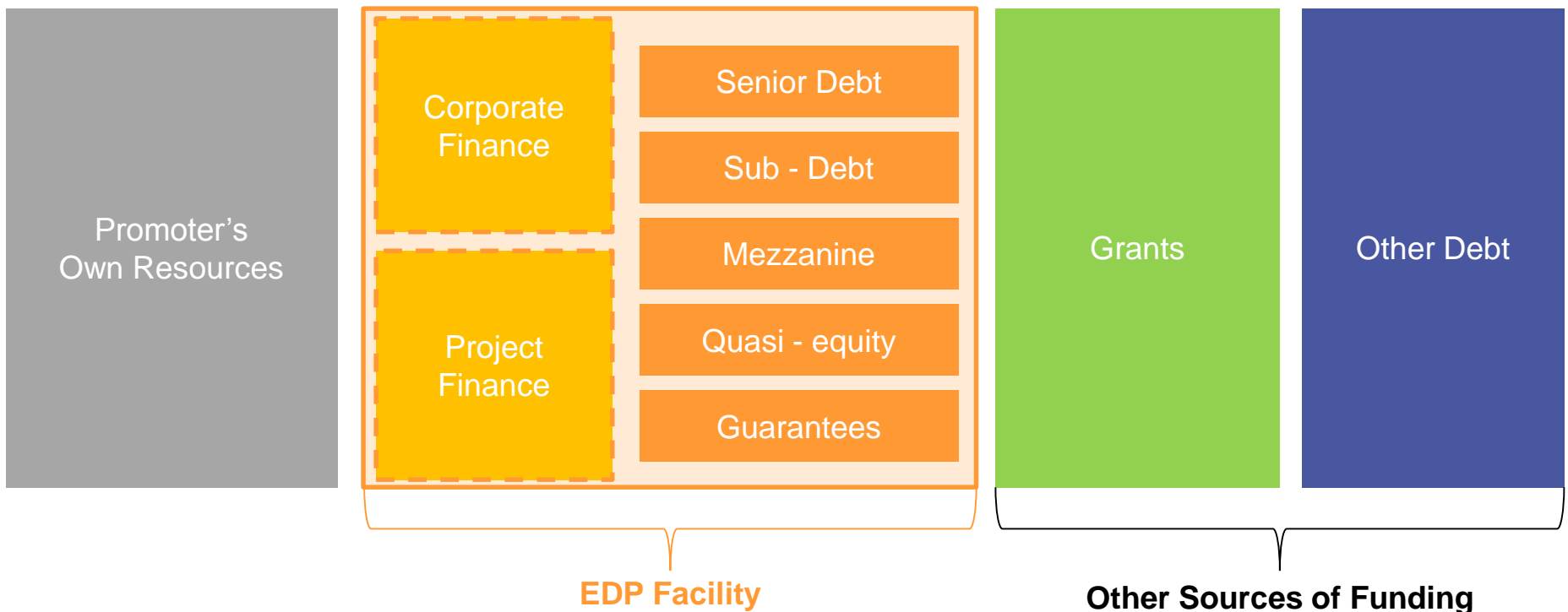
- All EU Member States are eligible



- All countries associated to Horizon 2020 are eligible, including as of 01 January 2017:
  - Iceland
  - Norway
  - Albania
  - Bosnia and Herzegovina
  - the former Yugoslav Republic of Macedonia
  - Montenegro
  - Serbia
  - Turkey
  - Israel
  - Moldova
  - Switzerland
  - Faroe Islands
  - Ukraine
  - Tunisia
  - Georgia
  - Armenia

# What type of Funding can EDP provide?

## Energy Demonstration Project





# EDP financing parameters

EDP Facility	
Instrument	Funded/unfunded
Eligibility	Up to 50% of the project costs
Loan size	Min EUR7.5m
Tenor	Up to 15 years of repayment period
Covenants & Security	Transaction-specific
Jurisdiction	Transaction-specific
Due Diligence	Standard EIB DD requirements

# Contact Details



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