

# INNOVATION FUND

Lessons learnt from the first call  
for large-scale projects

13 January 2022 - 10:00 CET | Online event

#InnovationFund

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# Agenda

Intro

Lessons learnt: statistics and results from the first call for large-scale projects

Best practices from the first call for large-scale projects and tips for a successful application

Q&A

Closing

# Results of first calls

**Call for large-scale projects**



Grants of EUR 1145 million for seven projects



Project development assistance for 15 projects

**Call for small-scale projects**



Grants of EUR 109 million for 30 projects





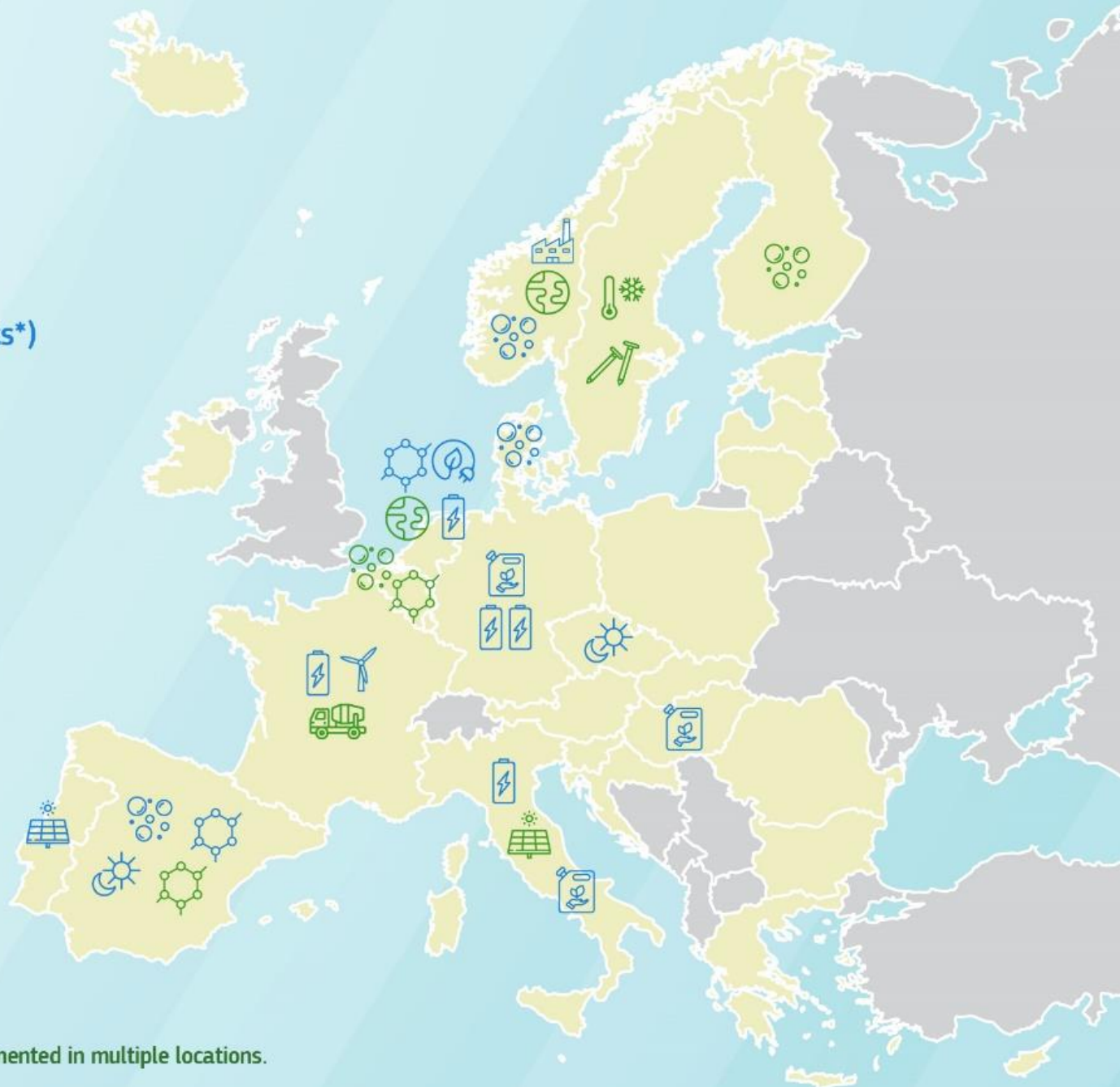
Project development assistance for 10 projects

# Innovation Fund Large-scale projects

**Green:** Projects pre-selected for a grant (7 projects\*)

**Blue:** Projects awarded project development assistance (15 projects\*)

- |  |   |
|--|---|
|  Biofuels and biorefineries                  |  Other energy storage      |
|  Chemicals                                   |  Bio-electricity           |
|  Planned CO <sub>2</sub> storage location    |  Pulp and paper            |
|  Hydrogen                                    |  Refineries                |
|  Intra-day electricity storage               |  Renewable heating/cooling |
|  Iron and steel                             |  Solar energy             |
|  Non-ferrous metals                        |  Wind energy             |
|  Glass, ceramics and construction material |  Cement and lime         |



\*The number of symbols is higher than the number of projects, as some projects are implemented in multiple locations.

# Innovation Fund grants of € 1145 million for seven first-of-a-kind projects

## Kairos-at-C - Port of Antwerp (BE)

- Carbon capture from hydrogen, ammonia and ethylene oxide production and storage in North Sea, innovative shipping

## BECCS Stockholm (SE)

- Bio-energy carbon capture at a combined heat and power plant and storage in North Sea – negative emissions

## K6 (FR)

- CCUS at cement plant with storage in North Sea and carbon use for concrete production

## SHARC (FI)

- Green hydrogen from water electrolysis and blue hydrogen with CCS, storage in North Sea

## Hybrit (SE)

- Hydrogen-based direct reduction for steelmaking, including electrolyser

## ECOPLANTA (ES)

- Bio-based methanol from non-recyclable municipal waste

## TANGO (IT)

- Bifacial heterojunction photovoltaic cells production at GW scale

# Innovation Fund – 2<sup>nd</sup> call for large-scale projects

**Grants of EUR  
1.5 billion**

50% increase  
compared to first call

Project development  
assistance available  
for 20 promising  
projects

**Call text  
largely similar  
to first call**

Only targeted  
improvements based  
on feedback from first  
calls

Easy resubmission  
for the projects which  
were not selected in  
the 1<sup>st</sup> call

Stable documents to  
allow better guidance  
for new applicants

**Already open**

Launched on 26  
October 2021

Submission deadline  
on 3 March 2022

Results from single-  
stage evaluation  
expected for Q3 2022

# New scoring of absolute emissions avoidance in 2<sup>nd</sup> call for large-scale projects

## New scoring rule

- Calculation of points for absolute emission avoidance based on the median emissions in the sector rather than on the 'best in the sector'

## New sectors – better targeted to size of projects

- Manufacturing of components for production of renewable energy and energy storage
- Use of renewable energy outside Annex I

## New sub-criterion – for more comprehensive assessment

- Quality of the calculation
- Net carbon removals
- Other GHG savings

# EU-Catalyst Partnership



*European Union-Catalyst partnership was announced in June 2021*

*MoU signing ceremony took place at COP 26 in November 2021*

- Partnership seeks to mobilise up to **€820 M** for innovative projects in the EU between 2022 and 2027 to address early deployment funding gap
- EU funding for the EU-Catalyst Partnership comes from Horizon Europe and the Innovation Fund, managed under InvestEU
- High-impact commercial scale projects in **Clean Hydrogen, Long-Duration Energy Storage, Sustainable Aviation Fuels, Direct Air Capture**
- [Request for Proposals](#) (RfP) was launched on 11 January 2022
- The RFP is open for submissions until 2027 (or until all Catalyst funds are fully committed)
  - **All respondents seeking funding in the first half of 2023 must submit by 13 May 2022.**
  - After 13 May 2022, submissions will be evaluated on a rolling basis.
- [Information webinar](#) will be held on **25 January 2022**



# Where to find more information?



All (past) call documents available on the **Funding and Tenders Portal** including:

- ✓ Guidance and calculation tools on GHG emissions and relevant costs
- ✓ Frequently asked questions

<https://europa.eu/!QB67by>



*Further info, planning of new calls, recorded webinars and videos available on the IF Website:*

<https://europa.eu/!rx34Dt>



*Innovation Fund - YouTube*

<https://bit.ly/2WxK8w7>

