

Innovation Fund

Stakeholders consultation | 13 June 2023

Roman DOUBRAVA (CINEA- Head of Unit Innovation Fund)





Innovation Fund – over EUR 3 bn already provided for low-carbon innovation projects, EUR 3 bn already committed for the 2022 calls and over EUR 4 bn (tbc) in 2023 call and H3 auction



European Commission

Innovation Fund – SSC 2022 open till 19 September 2023



Launch Deadline Results 30 March 2023 19 Sept. 2023

Q1 2024



€ 100 Million for grants

Project Development Assistance



Call page
CINEA website

AWARD CRITERIA

Degree of innovation

GHG emission avoidance (including quality of calculations)

Project maturity

Scalability

Cost efficiency (including quality of calculations)

- + Bonus points
- Net Carbon Removals
- Other GHG savings
- Use of electricity from additional renewable sources



4-5 July how-to seminar and virtual orientation session



Innovation Fund project portfolio

Green: Large-scale projects (23 awarded for grant)* Blue: Small-scale projects (46 awarded for grant)*



Biofuels and biorefineries



Chemicals



CO, transport and storage



Hydrogen



Intra-day electricity storage



Iron and steel



Non-ferrous metals



Glass, ceramics and construction material



Manufacturing of components for renewable energy



Manufacturing of components for energy storage



Other energy storage



Geothermal energy



Pulp and paper



Refineries



Renewable heating/cooling



Solar energy



Wind energy





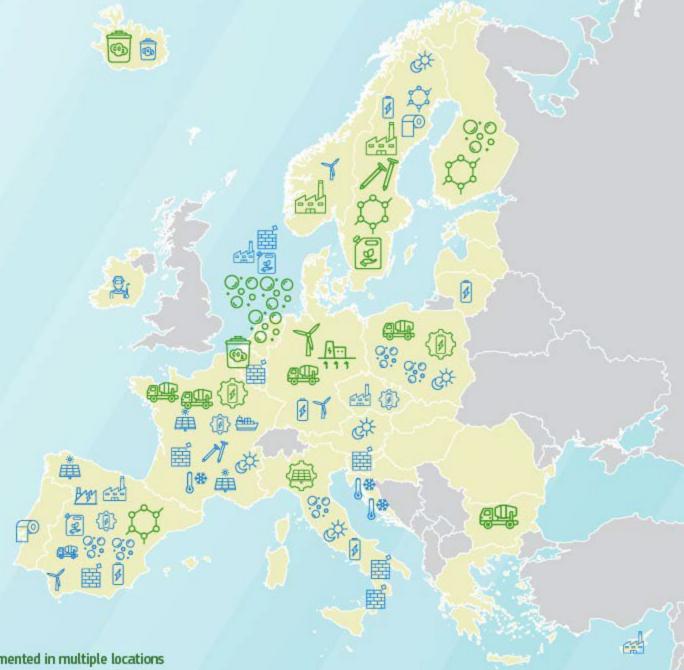
Cement and lime



Use of renewable energy outside Annex 1



Other energy intensive industries

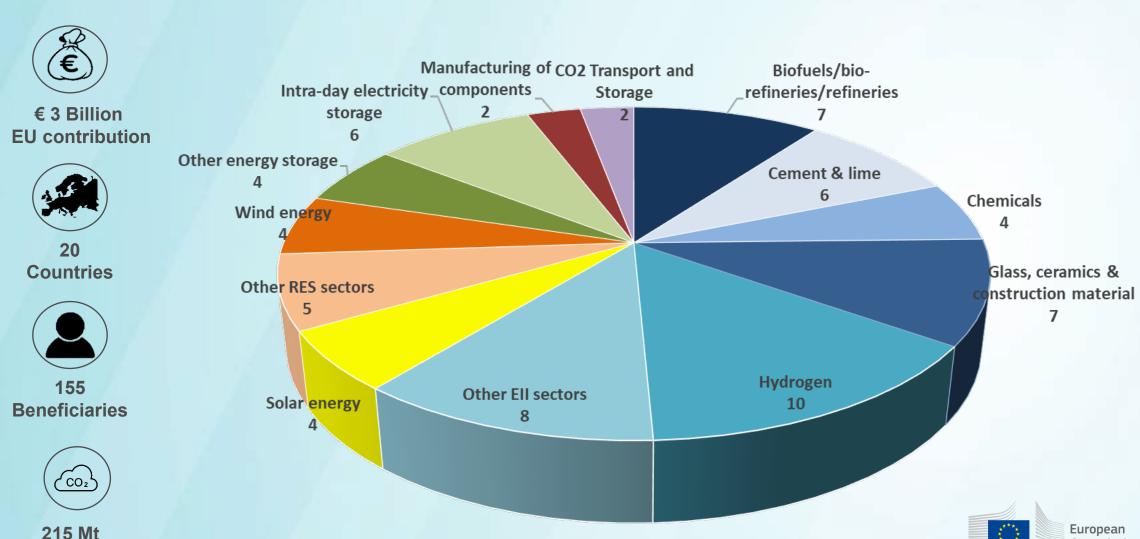


^{*}The number of symbols is higher than the number of projects, as some projects are implemented in multiple locations

Portfolio of 69 on-going projects

2020 LSC, 2020 SSC, 2021 LSC, 2021 SSC

CO₂ eq avoided



Commission

Project fiches for on-going projects



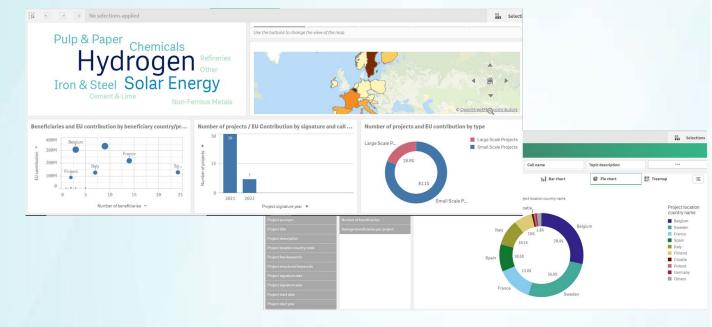


the EU objective of economy-wide Climate Neutrality by 2650. The project owerall will high to extablish a new European makes to BBRCS Stackholm us Support the achievement of this climate poal by capturing and storing almost 800 000 tomos of biosperic for the cache one merous its y contributing to the stackholment poal by capturing and storing almost 800 000 tomos of biosperic for the cache of the project area among the aim to further improvement the storing of the future. CCS, as well as biosenergy – the building blocks of the project – area month ten termin principle scalins of the Stronger State of the Stronger Strong

as the pulp and paper industry, waste incinerators and heat plants.

The scaling up of carbon removal solutions that capture CO2 from the atmosphere and store it for the long term is vital to achieve

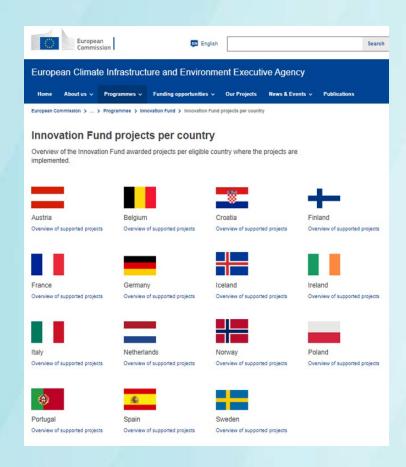
Innovation Fund Dashboard



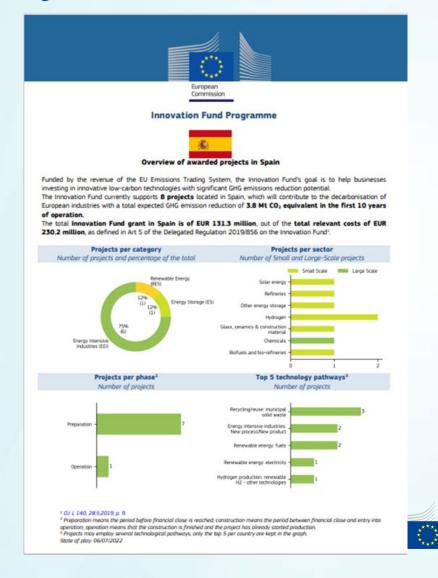
Link Innovation Fund Dashboard



Innovation Fund Country fact-sheets:



Link Innovation Fund country fact-sheets



European

Commission

Further info



DG CLIMA website

CINEA website



Innovation Fund
Dashboard





Project Fiches

Featured Projects



Innovation Fund Progress report



European Commission

JOIN AS PROJECT EVALUATOR



Technical experts



GHG experts



Financial experts



Rapporteurs and Quality checkers

- Individual evaluation
 - To be organised fully remotely from your office or home at your best convenience
- Consensus group
 - Discussion with other fellow evaluators
 - Either in Brussels or virtually
- Confidentiality and conflict of interest rules apply

Check <u>CINEA website</u> for the application process!





Innovation Fund

IF changes following the EU ETS Direction revision

Maria Velkova, Samuel Verschraegen

DG Climate Action



Revision of the EU ETS

- ETS revision entry into force in June 2023
- Strengthening of ETS ambition from –43% to –62% by 2030 (compared to 2005)
- Strengthen Market Stability Reserve to ensure better market predictability
- More focused free allocation and progressive introduction of the Carbon Border Adjustment Mechanism (CBAM)
- Extension to Maritime sector and a new ETS (ETS 2) for buildings, road transport and non-ETS industry fuels



Key changes to the Innovation Fund following the ETS Directive revision

Revised ETS Directive includes changes on:



1. The overall size of the Innovation Fund increase from 450 million ETS allowances to ca. 530 million ETS allowances.



2. Scope changes: new sectors (e.g. Maritime); medium-scale projects; DNSH from 2025; stronger reference to multiple environmental impacts



3. The introduction of new financial instruments under the Fund ("Competitive Bidding"): Fixed premium, Contracts for Difference (CfDs) or Carbon Contracts for Difference (CCfDs), covering up to 100% of the funding gap



4. Stronger attention to geographical balance



Overview of the draft delegated act revision

"Regular" grants

Award criteria

Definition of relevant costs

Small-, medium- and largescale projects

Competitive bidding

General framework
Calls for proposals,
qualifications, ranking and
other issues

Project development assistance

Technical assistance for Member States with low effective participation

Strengthened governance



"Regular" grants - Award criteria

- 5 existing award criteria will be kept but adjusted to accommodate new requirements:
 - The potential to reduce overall climate impact will be evaluated (not only GHG emission avoidance potential)
 - It will be clarified that scaling-up projects may be considered as "innovative"
 - The potential for addressing multiple environmental impacts and contribution to circularity and zero pollution objectives will be evaluated as part of the "replicability" criterion
 - The wording for cost-efficiency criterion will be simplified
- · Possibility to apply an additional award criterion in the context of sector-specific call or topic



Grants - Definition of small- and mediumscale projects

	Small-scale projects	Medium-size projects (NEW)	Large-scale projects
Current IF Regulations	Up to EUR 7.5 million	n/a	Above 7.5 million
Proposed changes	Up to EUR 20 million	Above EUR 20 million and up to EUR 100 million	Above EUR 100 million



"Regular" grants - Relevant costs

- Update of Relevant Costs definition: mention of "economic revenues" and "operational benefits"
- 2. Preparation for simplification of the guidance on Relevant Costs (Annex B) as of the next call for proposals
 - ✓ "No-Reference" to become default methodology (the sum of actual costs/benefits/revenues)
 - ✓ "Reference Plant" methodology (the sum of actual costs/benefits/revenues compared to a counterfactual scenario) would still be possible
 - ✓ "Levelised costs" methodology would no longer be used
- 3. Simplified methodology would apply to large-, medium- and small-scale projects



Competitive bidding procedures chapter

- New chapter mirroring the provisions applicable to grants: "provisions applicable to support awarded on basis of a competitive bidding procedure"
- Competitive bidding = auctions
- Types of support:
 - contracts listed in Article 10a(8) of ETS Directive
 - pilot auctions will award fixed premiums for renewable hydrogen (grants under the Financial Regulation) → the European Hydrogen Bank
 - in the future, Contracts for Difference or Carbon Contracts for Difference could be awarded
 - In the future other types of low-carbon products could be auction goods





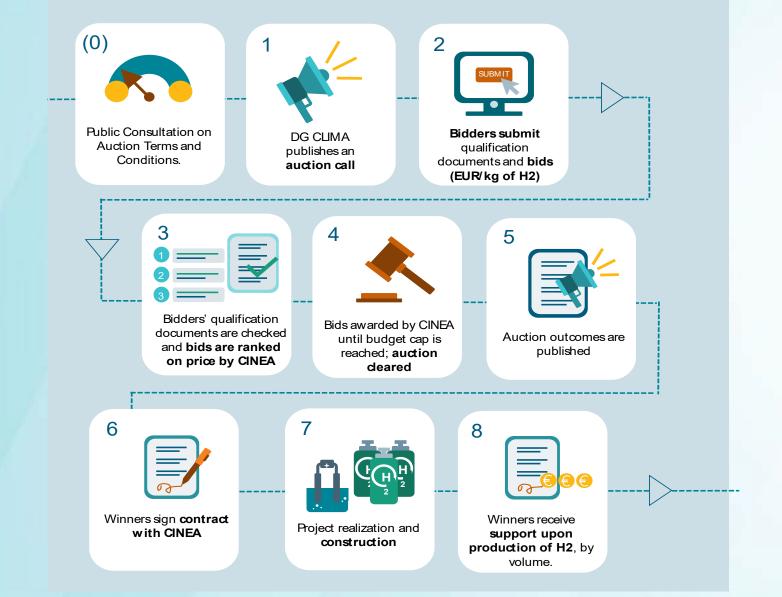
Competitive bidding procedures principles

Auction design and principles (aligned with CEEAG guidelines)

- Auctions need to be competitive (open, clear, transparent and nondiscriminatory)
- Auctions need to be based on objective criteria defined ex ante in accordance with the objectives of the ETS Directive
- Auctions need to be designed in a way to minimise the risk of speculative bidding
- Auctions need to have a binding constraint (budget or volume) → not all bidders will receive aid
- ex-post adjustments to the bidding process outcome must be avoided



Competitive bidding procedures stages





Project development assistance (PDA)

Current situation	Issues	Target situation
 PDA aims to improve the maturity of your project through high-quality technical and financial advisory support 	 Limited number of projects can currently benefit from PDA The timetable for obtaining a PDA 	✓ Projects will be able to apply for PDA regardless of whether they applied for a grant ('open PDA')
 Projects that applied for an IF call for proposals and met all the criteria except the maturity criteria are eligible for PDA 	is aligned with that of calls for proposals for grants and a project can only benefit from a PDA if it has first applied to such a call for proposals	✓ Projects that applied for an IF grant and met some of the award criteria may have their applications automatically considered for PDA
 CINEA longlists project that have potential, the EIB shortlists those projects and may award PDA 		



Implementation Timeline 2023



Stakeholder Workshop on next calls and auctions 13 June

4-5 July Workshop on 3rd small-scale call for proposals

Publication of IF DR for public feedback **End June**

July Results of 3 LSC evaluation

End July Adoption of IF DR

Early September Auctions Final Terms and Conditions published

September ISC on next Financing Decision

End September DR enters into force

September IFEG meeting + Consultation of MS on draft Financing Decision

19 September Deadline 3rd small-scale call for proposals

November 4th Calls for proposals for grants launched (small-, medium- and large-

scale)

December First pilot auction launched

Highlight on future events



Innovation Fund
Project Development
Assistance –
Knowledge Sharing
Event

14 June 2023

More info



EUSEW 2023

Boosting innovation and investments through carbon pricing

22 June 2023

More info



Small-scale call 2022

Workshop and orientation sessions

4&5 July 2023

More info



Thank you



https://climate.ec.europa.eu/euaction/funding-climateaction/innovation-fund_en

https://cinea.ec.europa.eu/programmes/innovation-fund_en



<u>European Climate, Infrastructure and Environment</u> <u>Executive Agency</u>





EUClimateAction CINEATube



Innovation Fund Stakeholder Consultation event

13 June 2023 - In person and online

Break time 11:10 - 11:30 CEST

Next session – workshops:

- Industry decarbonisation, including substitute products → Room 0D (ground floor)
- Aviation → Room 4B (fourth floor)

Please note the event is livestreamed and recorded.



