



The Innovation Fund

Introduction and calls for proposals

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Policy landscape

Innovation Fund

Deploying innovative net-zero technologies for climate neutrality



Supporting manufacturing, production and use in:



*based on a carbon price of 75 EUR/tonne

Contributing to the EU Green Deal



Cleaning our Energy system



Making transport sustainable for all



Renovating buildings



Transforming our economies and societies



Working with nature to protect our planet and health



Leading the third industrial revolution



Boosting global climate action

- The Innovation Fund focuses on **highly innovative technologies** and **flagship large-scale demonstration** or **first-of-a-kind projects**, located in the EEA that can deliver **significant GHG emission reductions**.
- After revision of the ETS Directive the Innovation Fund can implement **competitive bidding** mechanisms to reward the most cost-efficient projects with a lighter selection procedure.
- Since 2020 the Innovation Fund has selected **more than 100 projects** that have the potential to **avoid more than 470 million tonnes of CO₂eq.**

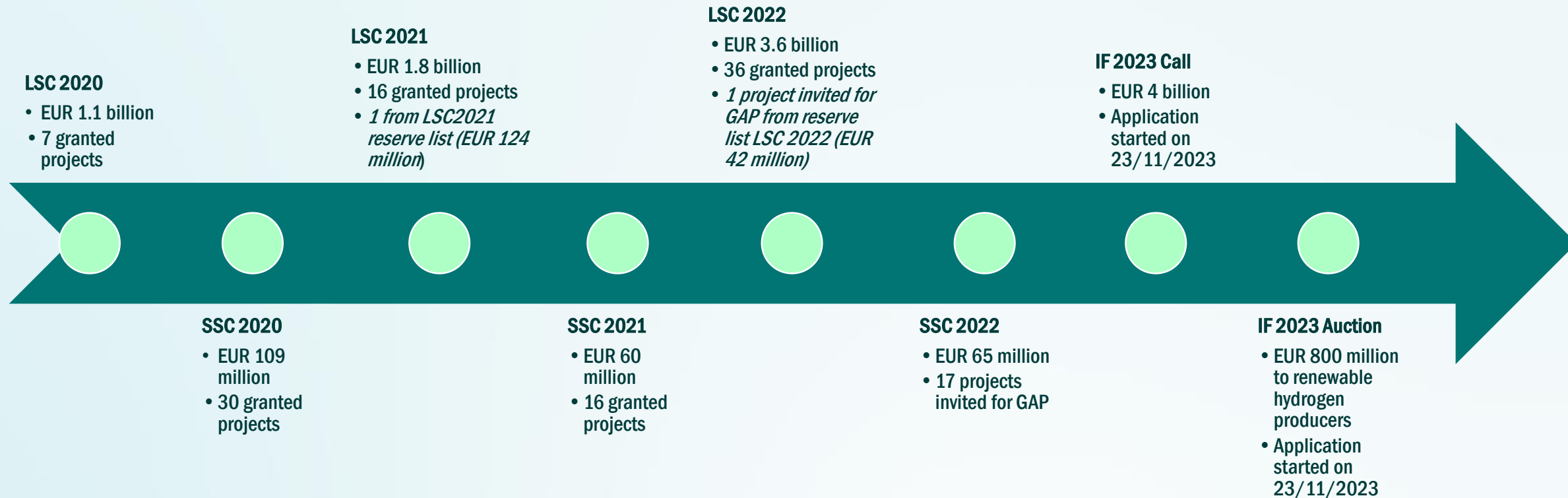
The Innovation Fund can support urgent policy priorities, but holds a long-term line of bottom-up support across sectors



- **RePowerEU** objective of 10Mt of renewable H2 domestic production.
- **Net-Zero Industry Act:** clean tech manufacturing topic (€700 million in 2022, €1.4 billion in 2023).
- **European Hydrogen Bank:** first pilot auction under the Innovation Fund.
- **Wind Package**
- **STEP**

The Innovation Fund so far

Evolution of the Innovation Fund



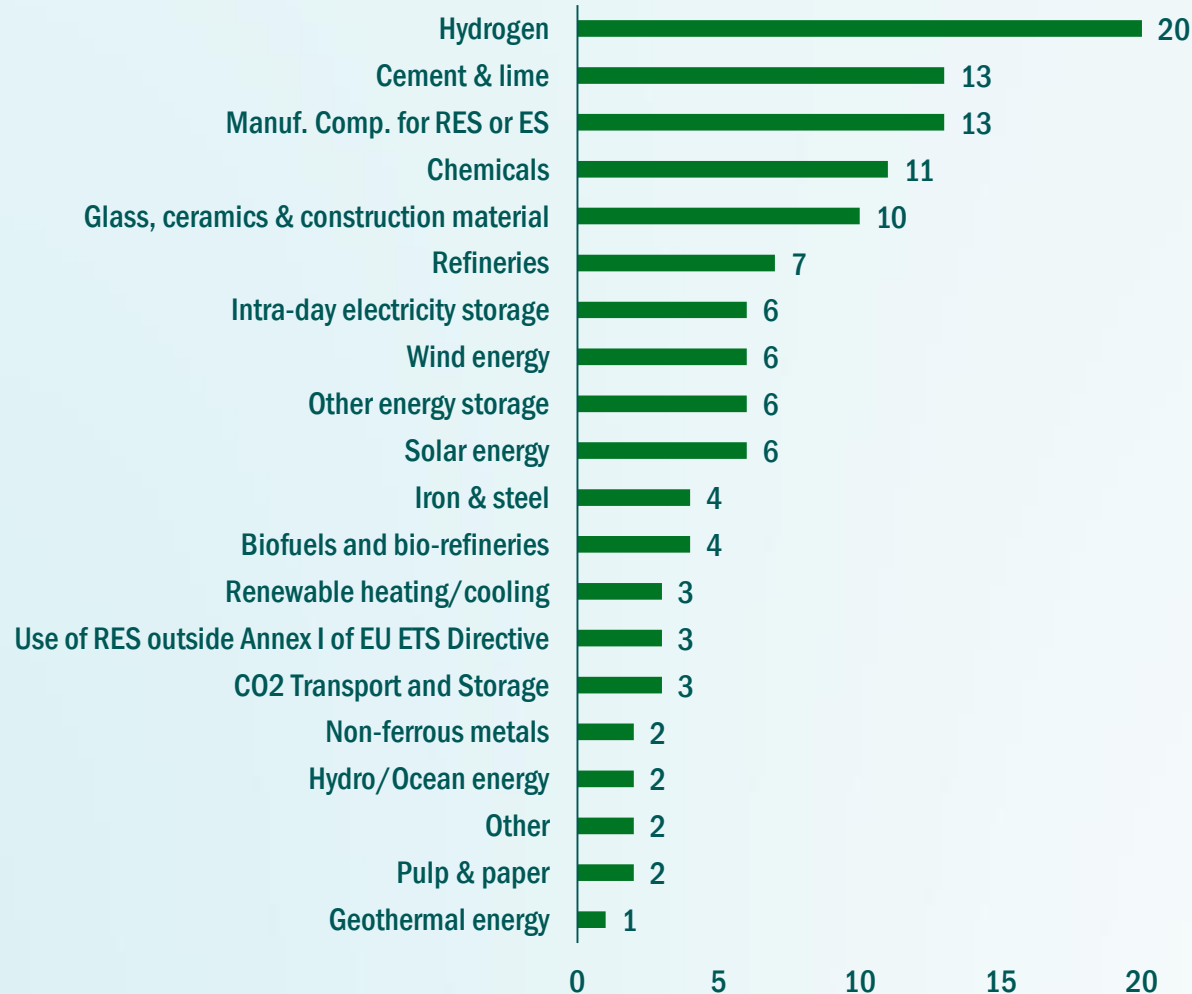
GAP – Grant Agreement Preparation



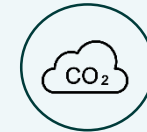
Over EUR 3 bn already provided for low-carbon innovation projects

Portfolio of ongoing and selected projects

2020 LSC, 2020 SSC, 2021 LSC, 2021 SSC, 2022 LSC*, 2022 SSC*



24
Countries



478 Mt
CO2 eq to be avoided –
equivalent of ETS
emission in BE over the
past decade



€ 6.83 Billion
EU granted +
ongoing GAP



Projects:
104 ongoing
+20* invited
21 reached FC
5 reached EiO

**Data includes ongoing projects and preselected proposals from SSC-2022+ one from reserve list LSC-2022 and two LSC-2022 currently under GAPs*

Innovation Fund projects in Italy

Ongoing & pre-selected projects (SSC 2022)



12
Projects

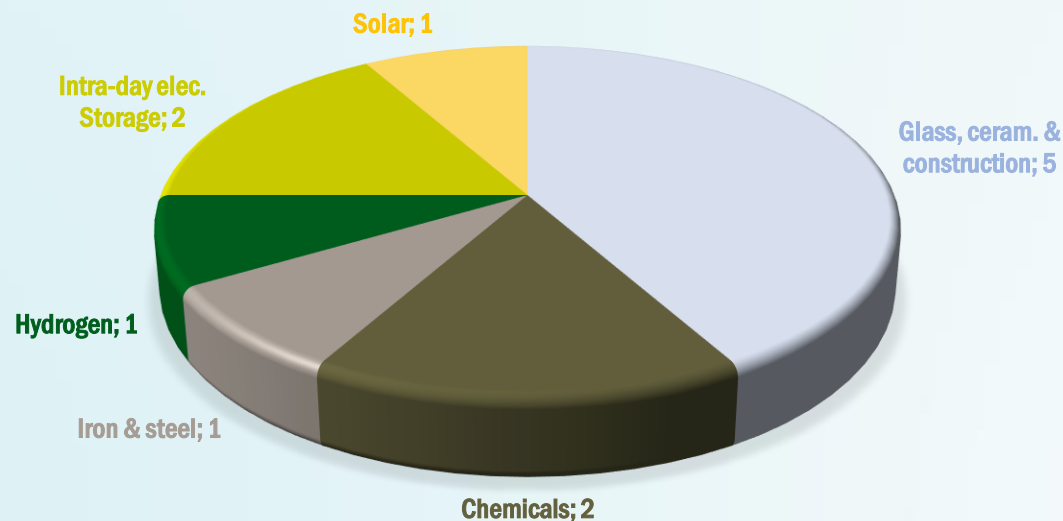


170.8 million €
EU contribution



25 986 ktCO₂ eq first
10 years

Sectoral distribution



Italy



Italy (1)

Project acronym	Location	Call Name	Innov. Fund Grant (million EUR)	Expected GHG avoidance (ktCO2 eq)	Description	Project status
DrossOne V2G Parking	Torino	InnovFund-SSC-2020	1.6	62.34	Demonstrate the feasibility of a largescale, centralized vehicle-to-grid (V2G) charging system by using the stationary storage associated with the electric vehicles (EV) in the car park of their manufacturer and a stationary storage unit based on second-life batteries.	Entered into operation
H2 Valcamonica	Brescia	InnovFund-SSC-2020	4.4	42.30	Produce and store green hydrogen through the implementation of an electrolyser, with the final goal to cover the local demand from both mobility (including rail transport) and energy intensive industries (EIs).	Pre-FC
PIONEER	Aeroporto di Roma Fiumicino	InnovFund-SSC-2020	3.1	16.00	A system made up of second-life batteries from the automotive sector for the storage of excess power produced by a 30MW solar photovoltaic plant.	Pre-FC
PRIMUS	Fidenza	InnovFund-SSC-2021	4.5	42.33	Reduce emissions of a glass manufacturing site, through hybridization of the melting furnace and waste heat recovery in different sections of production line.	Reached FC

Italy (2)

Project acronym	Location	Call Name	Innov. Fund Grant (million EUR)	Expected GHG avoidance (ktCO2 eq)	Description	Project status
SC-HOOP	Mantova	InnovFund-LSC-2022	16.2	139.8	Realise a pilot plant with a feedstock capacity of 6.000 ton/year, for the valorisation of plastic waste currently not recyclable, to produce a recycled naphtha which can replace virgin naphtha in feeding steam crackers, for the production of new polymers suitable for all applications.	Pre-FC
TANGO	Catania	InnovFund-LSC-2020	117.7	25 043.1	Italian PV Giga factory: An industrial-scale pilot line for the manufacture of innovative, high-performance photovoltaic (PV) modules, increasing production capacity by 15 times.	Reached FC
VITRUM	Abbiate-grasso	InnovFund-SSC-2021	4.1	25.6	Reduce emissions in a glass manufacturing site by moving towards decarbonised and circular pathway through the combination and integration of hybridization, energy efficiency, circularity, digitalisation and automation solutions.	Pre-FC
AETERNUS	Altare (Savona)	InnovFund-SSC-2022	4.5	78.54	Electrification of the currently gas-fired furnace, heat-to-power recovery through an Organic Rankine Cycle and digitalisation solutions in production of container glass.	GAP

Italy (3)

Project acronym	Location	Call Name	Innovation Fund Grant (million EUR)	Expected GHG avoidance (ktCO2 eq)	Description	Project status
BOOST	Teramo	InnovFund-SSC-2022	4.0	279.52	Producing recycled high quality MethylMethacrylate (r-MMA) from secondary raw material sourced from polymethyl methacrylate (PMMA) scraps and extending towards other plastics matrices.	GAP
CUSTARD	Udine	InnovFund-SSC-2022	4.5	184.80	CCU technology to decarbonise the flue gases of a steel plant (Acciaierie Bertoli Safau SpA).	GAP
HITeUP	Bergamo	InnovFund-SSC-2022	1.6	14.97	First-of-a-kind demonstration curing oven in the glass wool production process at Saint-Gobain site maximising electrification and reducing natural gas consumption.	GAP
MAGNUS	Emilia-Romagna	InnovFund-SSC-2022	4.5	56.36	Hybridisation of the melting furnace in container glass production and digitalisation and automation integrating renewable energy in different sections of production line.	GAP

Innovation Fund 2023 RFNBO Hydrogen Auction

IF23 RFNBO H2 Auction call in a nutshell



[Link to Info Day for recordings](#)

¹⁵[Link to Funding and Tenders portal](#)

RFNBO - Renewables liquid and gaseous fuels from non-biological origin

Project Development Assistance

Innovation Fund PDA – key highlights

- The EIB implements the **Project Development Assistance (PDA)** to improve the maturity of projects for subsequent applications on behalf of the European Commission and CINEA.
- Projects can receive **technical and/or financial PDA** support
- **87 projects reviewed** from **20 countries** in the first 6 calls (LSC and SSC 2020, LSC and SSC 2021, LSC and SSC 2022).
- Overall promoters have expressed **high satisfaction about the PDA service** provided

Innovation Fund PDA

EIB financial and technical experts provide Project Development Assistance (PDA) to Innovation Fund eligible projects



- After submitting an IF grant application, and if unsuccessful, your application may be eligible for PDA.
- PDA aims to **enhance the financial viability and improve the technical maturity of project proposals** for submission to future Innovation Fund Calls (although not compulsory) or other EU funding requests, national grant preparation or financing from private sources.



- Project promoters who are interested in obtaining PDA support may **approach the EIB directly**.
- **Eligibility for the Innovation Fund is a prerequisite** for consideration of Open PDA.

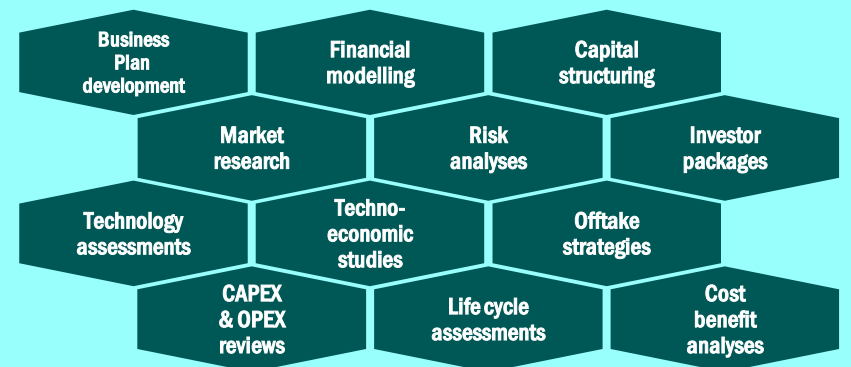
EXTENDED PDA FROM 2024 ONWARDS

- ✓ Applying or benefitting from PDA is **not dependent** on submitting an application to the Innovation Fund.
- ✓ Under the extended PDA process, **new sectoral and geographic targets are in place**, and a larger number of projects will be supported.

More information on EIB webpage

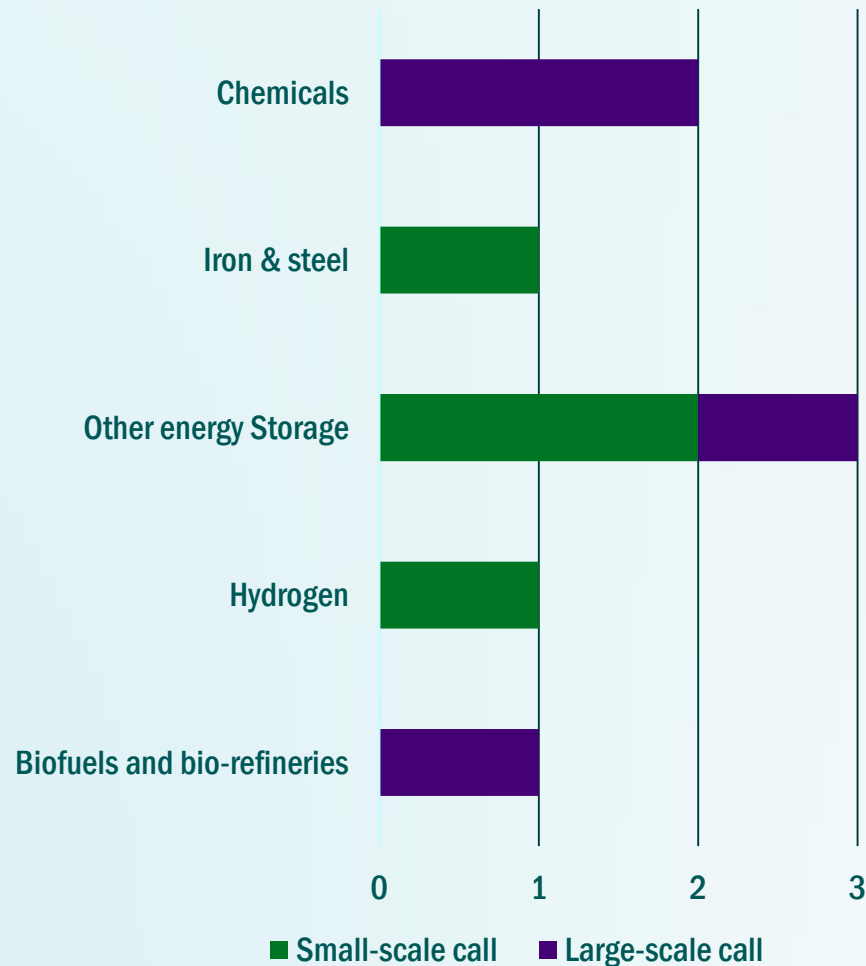
Innovation Fund - Project Development Assistance
(eib.org)


Examples of PDA support



Italy PDA projects

Projects' sectors



Name of project	Call	Status
Equigy CBP ¹	Large-Scale Call 2020	PDA completed
ETHOS	Large-Scale Call 2020	PDA completed
FRFS ²	Small-Scale Call 2020	PDA completed
GreenHyse0	Small-Scale Call 2020	PDA completed
CO2 Battery	Large-Scale Call 2021	PDA ongoing
SynBioS	Small-Scale Call 2021	PDA ongoing
Custard	Small-Scale Call 2021	PDA completed 
HYBLA	Large-Scale Call 2022	PDA under preparation
AdriatiCO2	Large-Scale Call 2022	PDA under preparation

¹ Countries of implementation: Netherlands, Germany and Italy

² Countries of implementation: Spain, Italy, Sweden, Germany and Finland

Innovation Fund 2023 NZT Call

Innovation Fund 2023 call in a nutshell

Timeline

- Launch: [23 November 2023](#)
- Deadline for application: 9 April 2024
- Results to be announced: Q4 2024

Grant distribution

- LUMP-SUM contribution grant up to 60% of relevant costs
- Up to 40% of grant at financial close
- Remaining amount of at least 60% after financial close
- Generally, at least 10% after Entry into operation.

Links

- [Link to the information day and recording](#)
- [Link to Funding and Tenders portal](#)

Topic	Topic budget
Large-scale projects	EUR 1 700 million
Medium-scale projects	EUR 500 million
Small-scale projects	EUR 200 million
Clean-tech manufacturing	EUR 1 400 million
Pilot projects	EUR 200 million
IF23 Call Total Budget +PDA	EUR 4 billion + 20% flexibility reserve

Eligible activities scope

Large, medium, and small-scale projects

- **Innovation in low-carbon technologies and processes** in sectors listed in Annex I and Annex III to the EU ETS Directive 2003/87, including CCU
- Construction and operation of projects for **CCS**
- Construction and operation of innovative **renewable energy and energy storage technologies**
- **Maritime and aviation** transport sectors: energy efficiency, sustainable alternative fuels, electrification, zero-emission propulsion technologies, wind technologies, innovative infrastructure in the maritime sector for EU container transshipment ports

Cleantech components manufacturing

- **Renewable energy installations** (in photovoltaics, concentrated solar power, on-shore and offshore wind power, ocean energy, geothermal, solar thermal, and others), including their connection to the electricity/heat grid
- **Electrolysers and fuel cells**
- **Energy storage solutions** covering batteries and other storage solutions for stationary and mobile use for intra-day and long duration storage
- **Heat pumps**

Pilot projects

- Construction and operation of projects **validating, testing and optimising highly innovative, deep decarbonisation solutions in all sectors** eligible for Innovation Fund support

New

General Decarbonisation Topic(s)

The following **activities can be funded** under these topics:



- supporting innovation in low-carbon technologies and processes in sectors listed in **Annex I and Annex III to the EU ETS Directive**, including environmentally safe carbon capture and utilisation (**CCU**), as well as **products substituting carbon-intensive ones** produced in sectors listed in Annex I.
- construction and operation of projects that aim at the environmentally safe capture and geological storage of CO₂ (**CCS**).
- support the construction and operation of innovative **renewable energy and energy storage technologies**.

General Decarbonisation Topic(s)

- Carbon capture and utilisation: if the captured CO₂ is from activities in Annex I of the EU ETS Directive, or if the utilisation of CO₂ results in products substituting carbon-intensive ones from the sectors listed in Annex I to the EU ETS Directive.

New

- In infrastructure related projects, fair and **open access for other operators** needs to be ensured.

New

- Projects installing and operating mature electrolyser technologies without additional relevant innovation in the use of the produced hydrogen are advised to apply to the **IF23 Auction for RFNBO Hydrogen.**

New

- Support to **maritime** and **aviation** can be provided for breakthrough innovative technologies, including **innovative infrastructure** in the maritime sector, notably for EU container transshipment ports.

Cleantech Manufacturing Topic

Objectives:

- Foster **innovative manufacturing in cleantech** for hydrogen production/consumption, renewable energy, and energy storage.
- Build industrial capacity, technology leadership, and supply chain resilience within the EU.

The following **activities can be funded** under this topic:


- Develop facilities for producing **components** in:
 - **Renewable energy** installations (e.g., wind, solar, geothermal).
 - **Electrolysers** and **fuel cells**.
 - **Energy storage** solutions for stationary and mobile use for intra-day and long duration storage.
 - **Heat pumps** for various uses.

Pilot Projects Topic

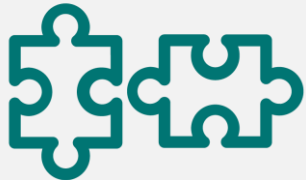
Objectives:

- Support **highly innovative, disruptive or breakthrough technologies** in deep decarbonisation needed for achieving the climate neutrality goal.

The following **activities can be funded** under this topic:

-  sectors listed in **Annex I and Annex III** to the EU ETS Directive 2003/87, including environmentally safe carbon capture and utilisation (**CCU**).
- **products substituting carbon-intensive ones** produced in sectors listed in Annex I to the EU ETS.
- construction and operation of innovative **energy storage, CO₂ storage and renewable energy installations**, including electricity/heat grid connections.

General principles governing the cumulation of IF grants and public support



No double funding

- Cumulation is possible, but no double funding is allowed



Contact national authorities

- Competent national authorities can redirect to State Aid Rules
- Not everything is State Aid



Inform CINEA

- Timely information is key

Innovation Fund 2023 NZT Call

Award criteria

Admissibility and eligibility criteria

Admissibility

- Submitted **before call deadline**, electronically and using forms in the Submission System
- Complete all the application forms and include mandatory annexes (full list in section 5 of call text)

Eligibility

- Participants have to be **legal entities**; can be established anywhere in the world.
- Projects must be located in the EEA (EU Member States and Iceland, Liechtenstein, and Norway).
- The project must:
 - Ⓞ Reach **financial close within four years** after grant signature (maximum time to financial close)
 - Ⓞ **Operate at least** (minimum GHG emission avoidance monitoring period) **five years** after entry into operation
 - Except Small Scale Projects and PILOTS – at least **three years** after entry into operation
- Maximum grant amount **must not exceed 60% of the relevant costs**
- Eligible activities

Eligibility: project budget per topic

Topic	Project eligibility CAPEX
Large-scale projects	CAPEX > EUR 100 million
Medium-scale projects	EUR 100 million > CAPEX > EUR 20 million
Small-scale projects	EUR 20 million > CAPEX > EUR 2.5 million
Clean-tech manufacturing	CAPEX > EUR 2.5 million
Pilot projects	CAPEX > EUR 2.5 million

Eligibility: Geographical location for new sectors

Maritime sector projects

- When the projects concern **investments in ships**, those ships must call ports under the jurisdiction of an EEA country* on a regular basis (at least **30% of their annual calls** on ports) or perform service or support activities in such ports
- When the projects concern **investments in ports infrastructure** the ports must be under the jurisdiction an EEA country.
 - Some examples: renewable alternative fuel bunkering infrastructures in ports, including container transshipment ports

**(see the list in the call text)*

Maritime, buildings, and road transport

For new activities introduced by the revised ETS Directive (meaning maritime, buildings and road transport) the eligibility of projects located in **Norway, Iceland, and Liechtenstein** is dependent on the incorporation of the **revised ETS Directive into the EEA Agreement and its entry into force before the deadline for submission of proposals.**

Award Criteria

Degree of innovation

- Innovation beyond state of the art (see Annex 1 of call text) at European level (except SSP – European or national)
- Consider the ongoing Innovation Fund [projects](#)

1. GHG emission avoidance potential

- Absolute
- Relative
- Quality of the GHG emission avoidance calculation and minimum requirements

1. Project maturity

- Technical
- Financial
- Operational

Replicability

- Efficiency gains
- Further deployment
- Resilience of EU industrial system
- Multiple environmental impacts
- Knowledge sharing

New

1. Cost efficiency

- Cost efficiency ratio (different formula for Pilot projects)
- Quality of the cost calculation and minimum requirements

New

Degree of Innovation (1)

Innovation in relation to the state of the art:

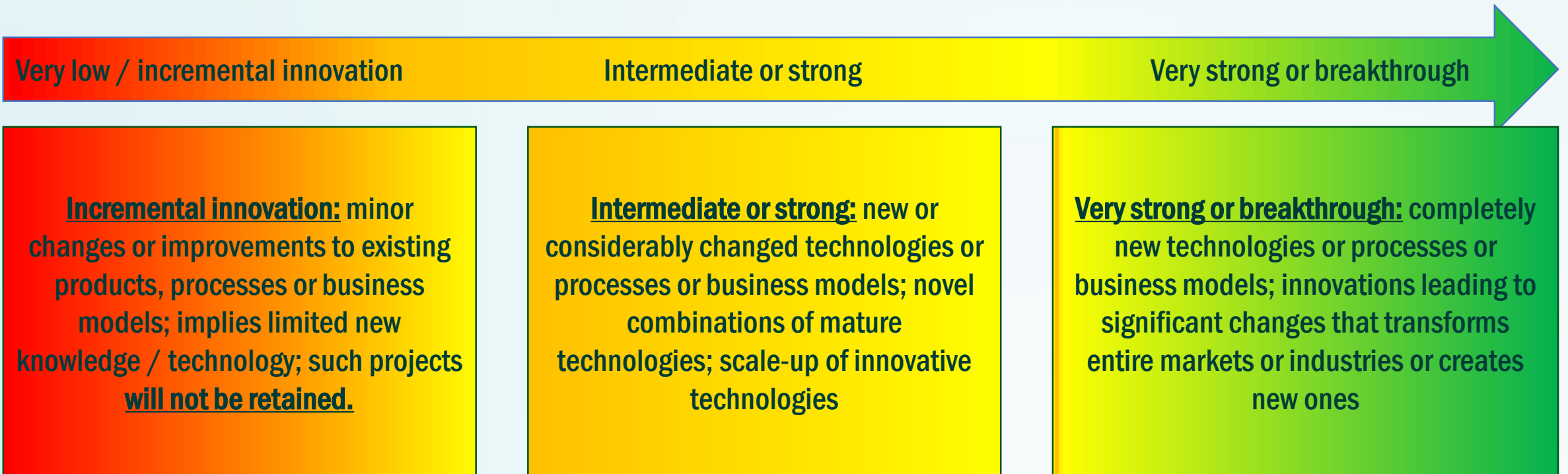
- State of the art
- Innovation beyond the state of the art

Quality, soundness, and reliability of the information provided

- **Application form, Part B:**
 - Section 1: Degree of innovation
- Feasibility study (mandatory annex)
- Any existing technical due diligence report (optional)

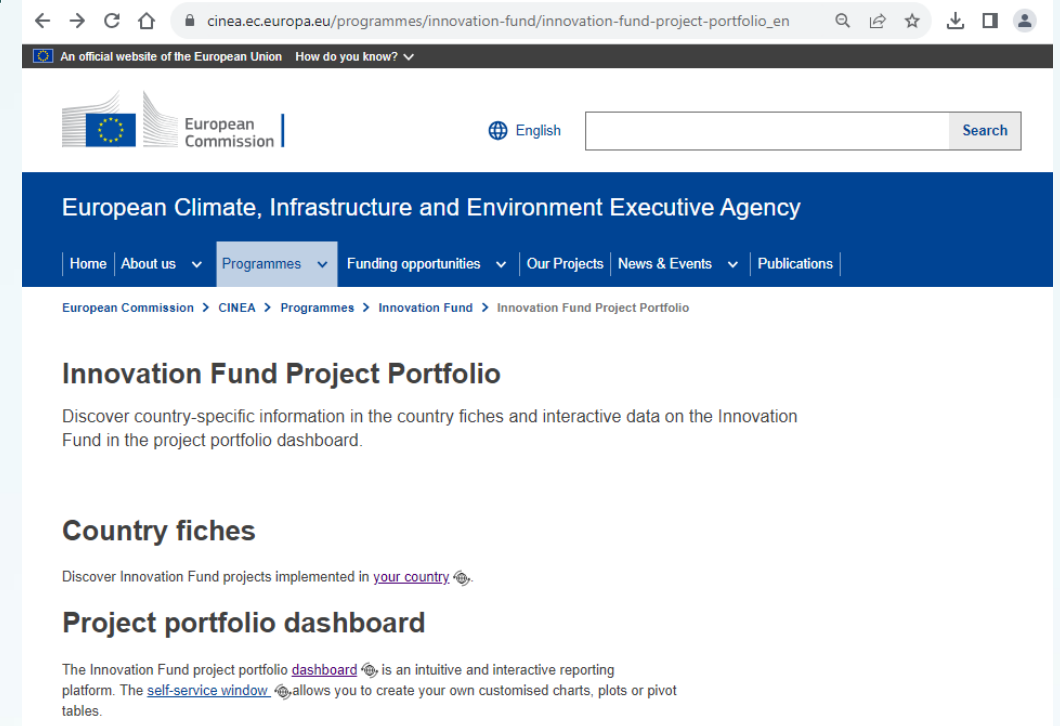
Degree of Innovation (2)

- Innovation Fund aims at supporting projects beyond incremental innovation on a scale from intermediate to breakthrough, including scaling-up, considering the European level as reference point (for SSP topic the European or national level)



References to Innovation Fund projects

- Proposals focusing on innovations similar to the ones of ongoing Innovation Fund projects, must clearly justify where the new innovative elements lie
- Such projects may receive a lower score
- Consult the list of funded Innovation Fund projects ([Innovation Fund Project Portfolio Dashboard](#))



The screenshot shows a web browser displaying the 'Innovation Fund Project Portfolio' page. The browser's address bar shows the URL 'cinea.ec.europa.eu/programmes/innovation-fund/innovation-fund-project-portfolio_en'. The page header includes the European Commission logo and the text 'European Climate, Infrastructure and Environment Executive Agency'. A navigation menu contains links for 'Home', 'About us', 'Programmes', 'Funding opportunities', 'Our Projects', 'News & Events', and 'Publications'. The main content area features the title 'Innovation Fund Project Portfolio' and a sub-header 'Country fiches'. Below this, there is a section for 'Project portfolio dashboard' with a brief description of the platform's interactive reporting capabilities.

GHG emission avoidance potential

Absolute GHG emission avoidance

Relative GHG emission avoidance

Quality of the GHG emission avoidance calculation and minimum requirements

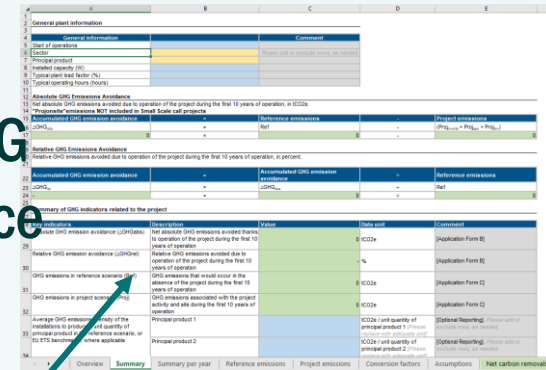
- **Application form, Part B, sections:**
 - Section 2: GHG emission avoidance potential
 - 2.1 Absolute GHG emission avoidance
 - 2.2 Relative GHG emission avoidance
 - 2.3 Minimum requirements
- **GHG emissions avoidance calculator (mandatory annex)**

GHG emission avoidance potential (1)

- **Absolute GHG emission avoidance:** difference between the expected GHG emissions of the proposed project and the GHG emissions in the reference scenario during 10 years after entry into operation.
- **Relative GHG emission avoidance:** absolute GHG emission avoidance divided by the GHG emissions in the reference scenario over the same 10 years period

The calculation must be done:

- using the relevant GHG emission avoidance calculator
- following the [Guidance on the GHG emission avoidance methodology](#)



General project information	Comment
1 Start of operation	
2 Project product	
3 Product capacity (t)	
4 Total plant heat input (t)	
5 Typical operating hours (hours)	
6 Absolute GHG Emission Avoidance	
7 Net absolute GHG emissions avoided due to operation of the project during the first 10 years of operation, in tCO2e	
8 "Proportional" emissions NOT included in Small Scale call projects	
9 Environmental GHG emissions (tCO2e)	
10 Reference GHG Emission Avoidance	
11 Reference GHG emissions avoided due to operation of the project during the first 10 years of operation, in project	
12 Accumulated GHG emission avoidance	
13 tCO2e	
14 GHG emissions in reference scenario	
15 tCO2e	
16 Relative GHG emission avoidance (GEMAs)	
17 %	
18 GHG emissions in reference scenario (tCO2e)	
19 GHG emissions in project scenario (tCO2e)	
20 Average GHG emissions intensity of the reference product (tCO2e/unit quantity of principal product 1, where applicable)	
21 Average GHG emissions intensity of the project product (tCO2e/unit quantity of principal product 2, where applicable)	
22 Conversion factors	



GHG emission avoidance potential (2)

❖ **Quality of the GHG emission avoidance calculation and minimum requirements:**

- external experts will assess the quality and credibility of your calculation of GHG emission avoidance potential;
- in case of issues in the quality of the calculation (including reliability and margin of uncertainty of key parameters and/or key assumptions), points may be reduced;
- in case the calculation methodology is incorrectly applied or in case the Application documents have not been filled correctly, the score for this sub-criterion will be below the minimum threshold and the proposal will be rejected.

GHG emission avoidance potential (3)

❖ Quality of the GHG emission avoidance calculation and **minimum requirements**

Where relevant, the proposal should demonstrate whether the proposed project meets or not the **minimum requirements**:

- For projects producing products with an EU ETS benchmark: the process emissions of the project per unit of product must be below the **EU ETS benchmark(s)** applicable at the call deadline;
- For projects using biomass feedstocks: the biomass used will at least meet the **sustainability requirements** of the Renewable Energy Directive;
- For all projects: the **relative GHG emission** avoidance must be:
 - for **all topics** except INNOVFUND-2023-NZT-PILOTS: **at least 50%**
 - for INNOVFUND-2023-NZT-**PILOTS** topic: **at least 75%**.



Proposals not meeting minimum requirements will be rejected!

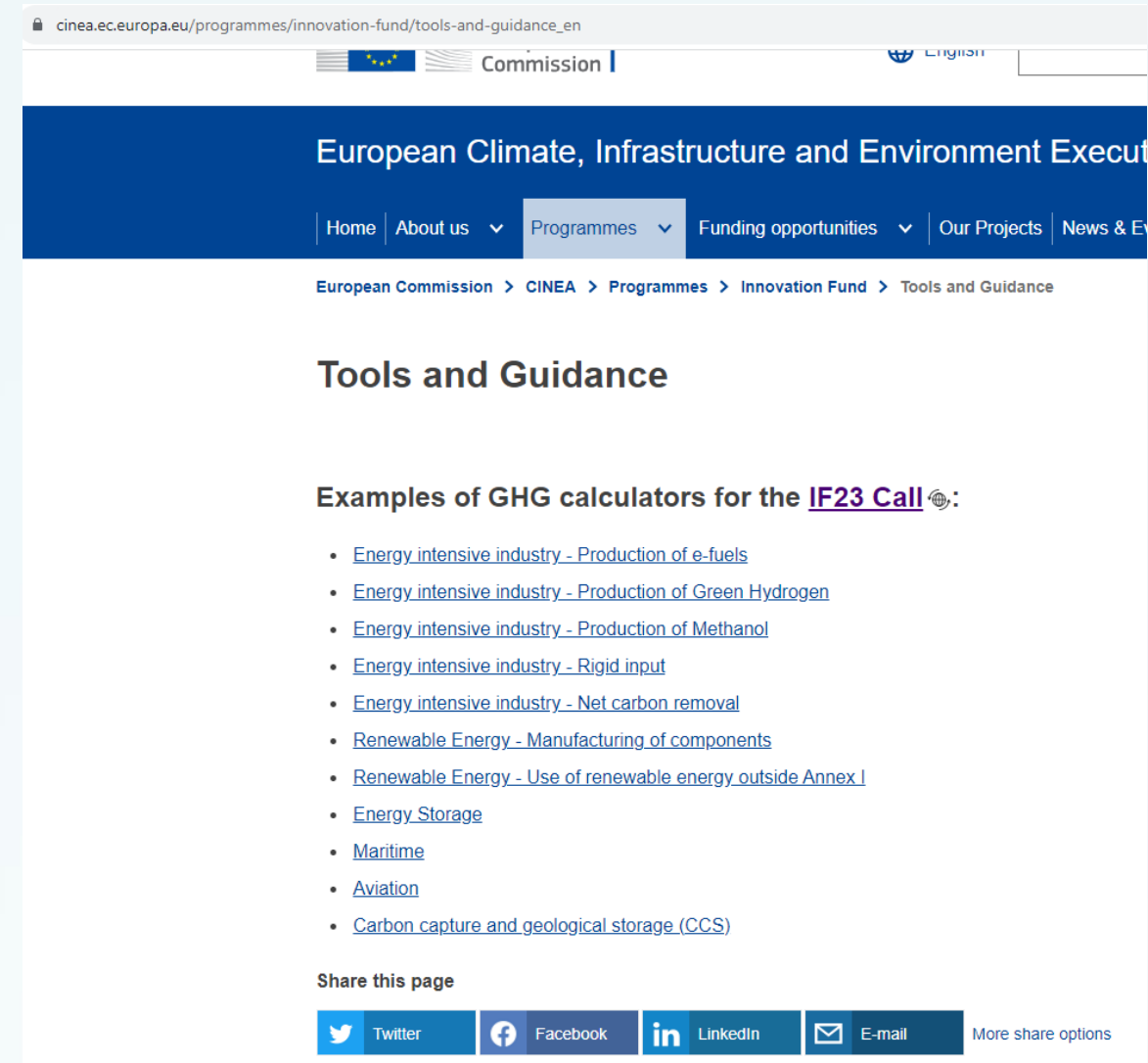
New features of the GHG Calculation criterion

Two new sections in the GHG calculation methodology and GHG calculators

- Maritime
- Aviation

A new set of filled examples in the templates

Tutorial on how to fill in the GHG Calculators



The screenshot shows the website cinea.ec.europa.eu/programmes/innovation-fund/tools-and-guidance_en. The page is titled "Tools and Guidance" and is part of the "European Climate, Infrastructure and Environment Executive Plan". The navigation menu includes "Home", "About us", "Programmes", "Funding opportunities", "Our Projects", and "News & Events". The breadcrumb trail is "European Commission > CINEA > Programmes > Innovation Fund > Tools and Guidance".

Examples of GHG calculators for the [IF23 Call](#):

- [Energy intensive industry - Production of e-fuels](#)
- [Energy intensive industry - Production of Green Hydrogen](#)
- [Energy intensive industry - Production of Methanol](#)
- [Energy intensive industry - Rigid input](#)
- [Energy intensive industry - Net carbon removal](#)
- [Renewable Energy - Manufacturing of components](#)
- [Renewable Energy - Use of renewable energy outside Annex I](#)
- [Energy Storage](#)
- [Maritime](#)
- [Aviation](#)
- [Carbon capture and geological storage \(CCS\)](#)

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Project Maturity

Technical maturity

Financial maturity

Operational maturity

Technical Maturity

Technical feasibility to deliver the expected output and GHG emissions avoidance

Technology risks and proposed mitigation measures

- **Application form, Part B, sections:**
 - Section 0: technical characteristics and scope / technology scope
 - 3.1 (technical maturity)
 - 3.4 (risk management)
- Feasibility study (mandatory annex)
- Any existing technical due diligence report (optional)

Financial Maturity – key points

Objective: assess the project capacity to reach Financial Close within 4 years or faster

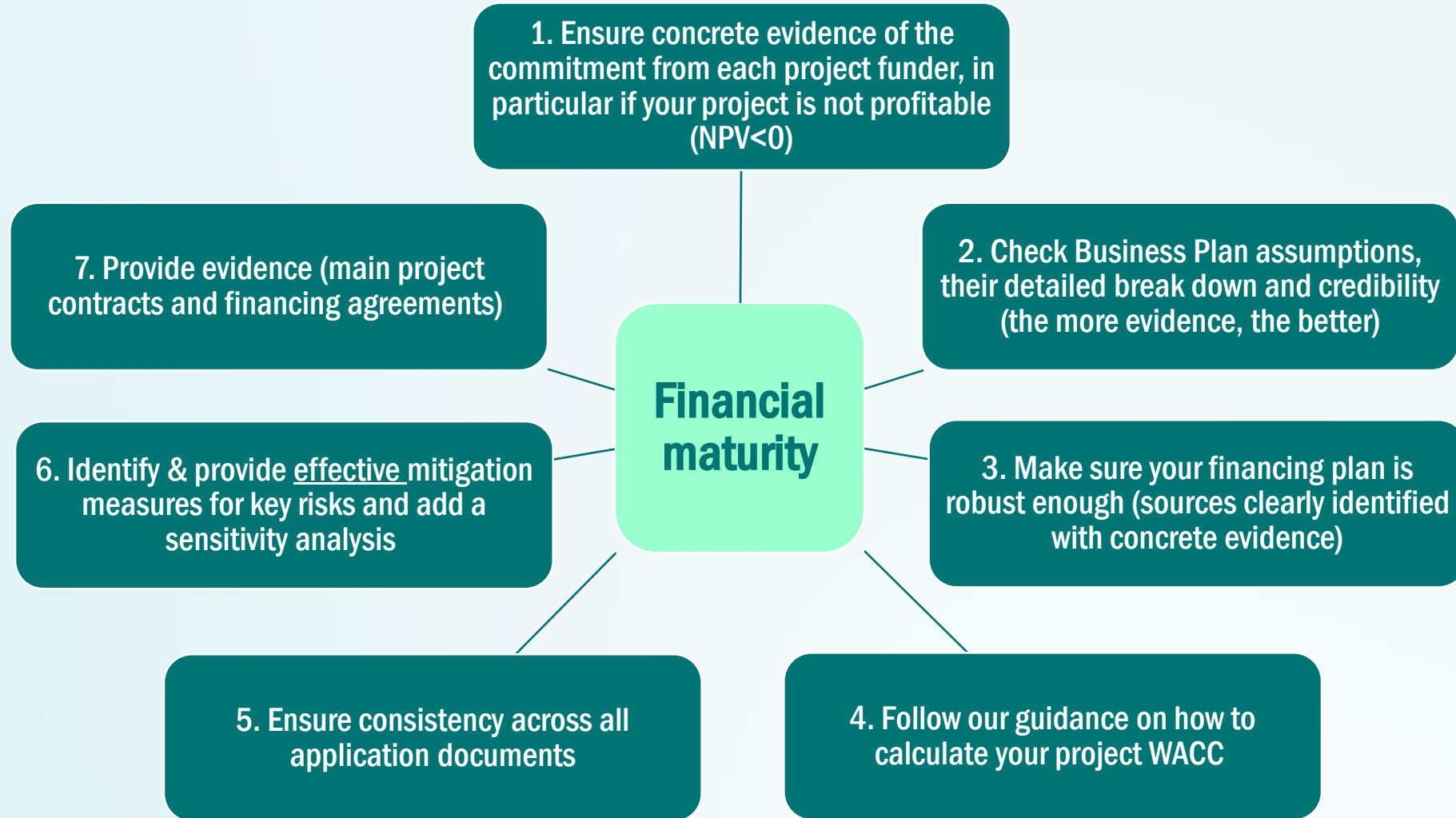
Project business plan and profitability

Soundness of the financing plan

Commitment of project funders

Understanding of project business and financial risks

7 golden rules of Financial Maturity



Operational Maturity

Credible project implementation plan covering financial close, entry into operation and annual reporting after the entry into operation and related deliverables

Relevance and track record of the project management team and soundness of the project organisation

State of play and credibility of the plan for obtaining required permits, intellectual property rights or licences and other regulatory procedures

—Soundness of the strategy for ensuring public acceptance

Address project's implementation risks (e.g. dependencies on other projects) and credible risk mitigation measures

Application form, Part B, sections:

- 3.3 - Operational maturity
- 3.4 - Risks and mitigation measures
- 7.1 - Work Plan
- 7.2 - Work Packages, activities, resources and timing

Timetable-Gantt chart (mandatory document)

Participant information (including CVs and previous projects, if any)

- Any existing due diligence report (optional)

Project maturity: recommendations

Timeline

- **Define project timeline**
- Comprehensive, realistic and consistent with technical and financial elements of your project

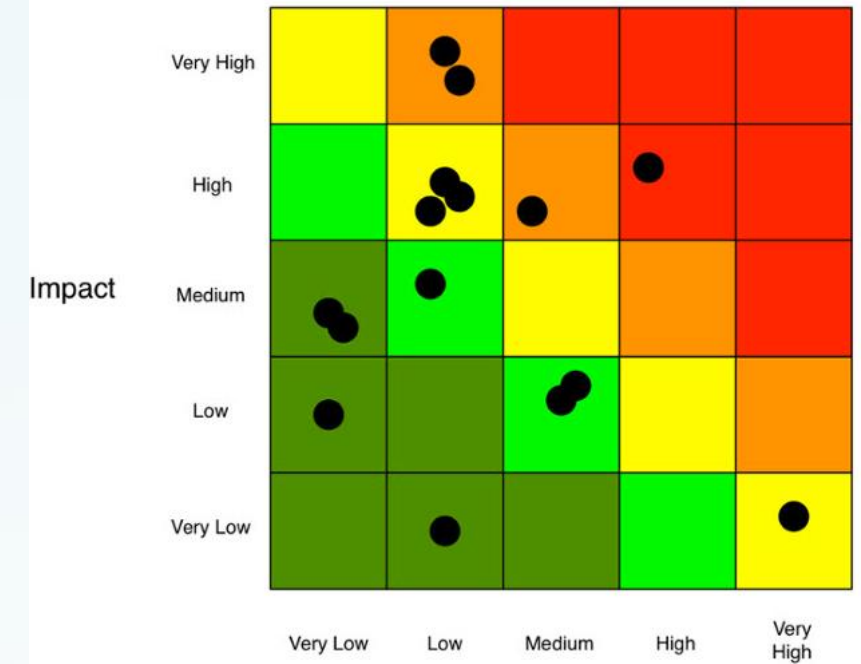
Risks

- **Identify Technical, financial and operational risks**
 - Provide a **comprehensive risk assessment**
- Ensure convincing **mitigation strategies** across all major risks

Evidence

- **Provide contractual evidence**
- E.g., letters of support, MoUs, indicative terms of agreement for off-take agreements, key suppliers, quotes from vendors, EPC parties

Sample Risk Heat Map



Source: RiskLens

Likelihood

Replicability



• Replicability in terms of efficiency gains

Replicability in terms of further deployment

• Resilience of EU industrial system

Potential in terms of multiple environmental impacts

Quality and extent of the knowledge sharing

- **Application form, Part B, sections:**
 - 4.1 - Replicability
 - 4.2 - Knowledge sharing – Communication, dissemination and visibility
- **Knowledge sharing plan**
 - Mandatory document for all topics except INNOVFUND-2023-NZT-GENERAL-SSP (Small-scale projects)

Lessons learned for Replicability (previously Scalability)

Provide a credible plan for technology uptake in other sites

Provide credible assumptions on cost reductions

Underpin your claims with evidence and calculations

**Present how IPR and licensing issues will be handled,
e.g., technology transfer at sector level**

**Avoid unsubstantiated, generic claims
related to EU policy objectives and initiatives**

Clear and comprehensive communication & dissemination strategy

Cost efficiency

**Requested Innovation Fund grant +
other public support ***

Absolute GHG emission avoidance
During 10 years after entry into operation

**Maximum requested IF grant is 60%
of total relevant costs**

**Applicants choosing not to apply for
the maximum grant will be more
competitive when ranked against
other applicants in 'cost per unit
performance' metric.**

() Other public support must impact the same project (i.e. the case of cumulation) and include State aid or funding from the EU funding programmes*

For public support received during operation, the rule is to add the undiscounted amount during the first ten years of operation

Cost efficiency– key points

- Cost efficiency is split in two parts :

- One automatic based on the numerical value derived from cost efficiency formula
- One “qualitative” on how the computation of Cost Efficiency ratio was made

- Cost efficiency ratio level has minimum requirement (except for Pilots) :

(a) for all topics except Pilots:

- If cost efficiency ratio is *lower than or equal to* €200/tCO₂eq, score will be based on formula **12 – (12 x (cost efficiency ratio/200))**
- If cost efficiency ratio is *higher than* €200/tCO₂eq, **proposal will be rejected (i.e. not considered for funding)**

(b) for Pilots

- If cost efficiency ratio is *lower than or equal to* €2000/tCO₂eq, score will be based on formula **12 – (12 x (cost efficiency ratio/2000))**
- If cost efficiency ratio is *higher than* €2000/tCO₂eq, proposal gets zero score but is **NOT rejected**

Relevant Cost

What has changed since the last large-scale call?

- **New definition of Relevant Cost following the revised Innovation Fund Delegated Regulation.**
- **The same methodologies apply whatever the size of the project**
- **Further streamlining by reducing the number of methodologies to 2 (Levelised cost methodology is no longer used).**
- **Simplification of the WACC computation by proposing default values for the beta levered and the ERP.**
- **New data transfer sheet in the FIF to help fill in the Application Form Part C.**
- **Further guidance for manufacturing projects on CAPEX and EiO.**

Bonus points

Bonus	Scoring
1. The potential to deliver net carbon removals	1 point (half point 0.5 possible)
2. Other GHG savings from emissions sources that go beyond the boundaries established in the Innovation Fund methodology for the given sector	1 point (half point 0.5 possible)
3. Commitment to use electricity from additional renewable sources or to use RFNBO hydrogen	1 point (half point 0.5 possible)
4. For Maritime sector projects <u>only</u> : demonstrated potential to decarbonising the maritime sector and reducing its climate impacts	1 point (half point 0.5 possible)



Important to know

How to apply

Check all relevant information to apply

- [Funding and Tenders Portal link](#)
- [Application process tutorial](#)
- [Financial Information Sheet tutorial](#)
- [GHG Methodology tutorials](#)
- [Legal validation and financial capacity assessment process tutorial](#)
- [Info Day recording and slides](#)
- [Where to find useful information](#)
- [Innovation Fund dashboard](#)
- [FAQ](#)

The screenshot shows a web browser window with the URL cinea.ec.europa.eu/funding-opportunities/calls-proposals/innovation-fund-2023-call_en. The page header is "European Climate, Infrastructure and Environment Executive Agency" with a navigation menu including Home, About us, Programmes, Funding opportunities, Our Projects, News & Events, and Publications. The breadcrumb trail is "European Commission > CINEA > Funding opportunities > Calls for proposals > Innovation Fund 2023 Call". The main heading is "Innovation Fund 2023 Call" with a sub-heading "CALL FOR PROPOSALS | Open".

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Details

Status	OPEN
Publication date	23 November 2023
Opening date	23 November 2023
Deadline model	Single-stage
Deadline date	9 April 2024, 17:00 (CEST)

Description

On 23 November 2023, the European Commission launched the [Innovation Fund 2023 Call](#), with a total budget of €4 billion.

You can already find all information and documentation related to the call on the [Funding & Tenders Portal](#), including the call text and application forms.

APPLY NOW

The deadline is 9 April 2024, 17:00 Brussels time.

Events

To provide better guidance to applicants during the submission process, CINEA and DG CLIMA have organised an [online Info Day](#), on 7 December, to learn more about the new call, the award criteria allowing questions and answers from participants.

Registration

Tutorials

CINEA has also produced a series of [tutorials](#) to help you throughout the application process:

- [Where to find useful information](#) (Application Process) (soon available)
- [GHG Methodology](#)
- [Financial Information File](#)

Some Recommendations

- Read carefully the call documents and understand well the requirements (including the admissibility and eligibility ones)
- Get familiar with and follow the call methodologies and guidance (GHG and relevant costs)
- Before submitting, please check consistency between different parts and documents of your application
- Help is available:
 - Lessons learned and info-day recordings
 - Tutorial on the application procedure
 - FAQ
 - Innovation Fund helpdesk
 - IT helpdesk
 - The existing Innovation Fund projects – dashboard

Strong competition + demanding process: only best proposals will be funded!

Last consistency check before submission (How to avoid simple mistakes)

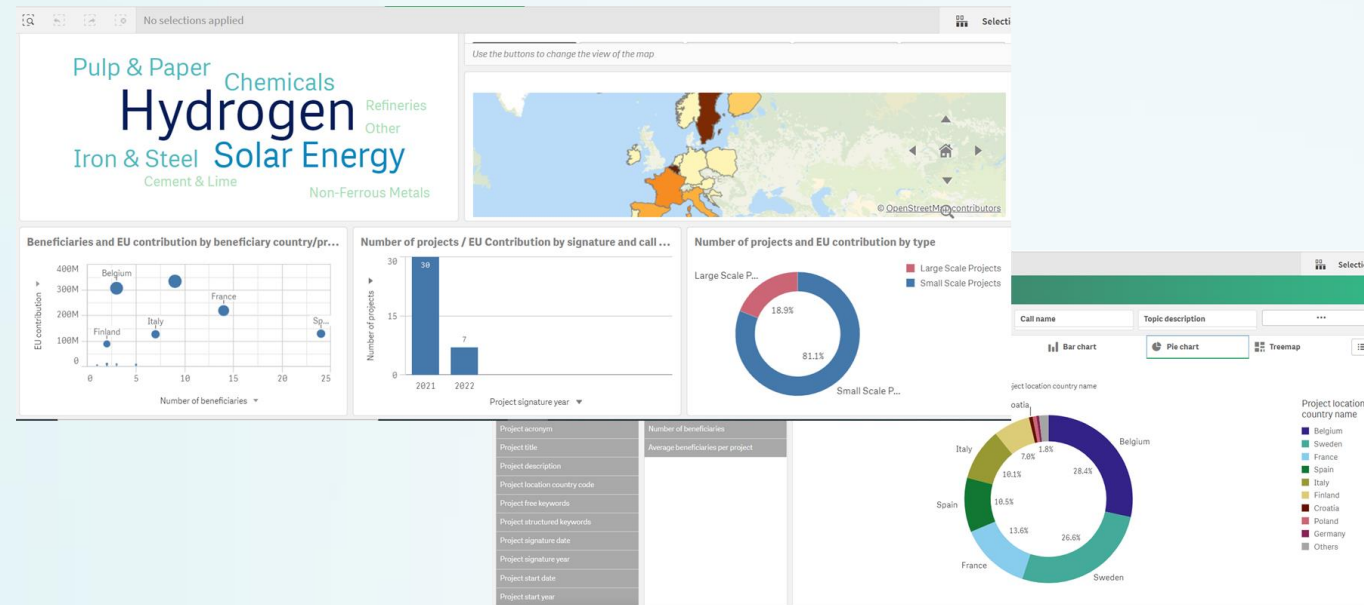
The diagram illustrates the consistency check process between application forms and spreadsheets. It includes the following components:

- Application forms:**
 - 1 - General information:** Contains fields for Topic, Call, Agency, Proposal title, Duration in months, Fixed keyword 1, and Free keywords.
 - 3 - Budget:** A table with columns for No, Name of Beneficiary, Country, and Requested grant amount.
- General Information (Spreadsheet):** A table with columns for General information and Comment. Fields include Start of operations, Sector, Principal product(s), Non-principal products, Function of principal product(s), Reference product(s) substituted by principal product(s), if different Technology, and Estimated annual production.
- GHG Calculator (Summary sheet):** A spreadsheet for calculating GHG emissions, with columns for Accumulated GHG emissions, Reference emissions, and Project emissions.
- Part C (Spreadsheet):** A spreadsheet for financial information, with columns for Absolute GHG Emissions Avoidance and Relative GHG Emissions Avoidance.
- Financial Info. File (Cost efficiency sheet):** A spreadsheet for cost efficiency calculations, with columns for Absolute GHG emission avoidance and Relative GHG emission avoidance (%).
- PROJECT - Cost efficiency calculation (Tool):** A web-based tool for calculating cost efficiency, with fields for Absolute GHG emission avoidance, Reference GHG emission avoidance, Requested grant, and Requested grant - project specific rate aid.

Arrows indicate the flow of data and dependencies between these elements:

- Fixed keyword 1 from the application form points to the Sector field in the GHG Calculator.
- Requested grant amount from the application form points to the Requested grant field in the Financial Info. File.
- Estimated annual production from the General Information spreadsheet points to the GHG Calculator.
- Reference emissions from the GHG Calculator points to the Reference emissions field in the Financial Info. File.
- Project emissions from the GHG Calculator points to the Project emissions field in the Financial Info. File.
- Requested grant from the Financial Info. File points to the Requested grant field in the PROJECT - Cost efficiency calculation tool.
- Reference GHG emission avoidance from the Financial Info. File points to the Reference GHG emission avoidance field in the PROJECT - Cost efficiency calculation tool.
- Project GHG emission avoidance from the Financial Info. File points to the Project GHG emission avoidance field in the PROJECT - Cost efficiency calculation tool.

Innovation Fund dashboard



Available on [CINEA's website](#)

Forthcoming events

IF SSC 2022

- Results of the evaluation announced in December 2023

IF23 Auction

- [Application period 23 November 2023 - 8 February 2024](#)
- [Link to application](#)

IF23 Call

- [23 November 2023 - 9 April 2024](#)
- [Link to application](#)

Innovative Clean Tech Conference 2024

- SAVE THE DATE - 11 April 2024
- Hybrid event

Sign up as an EU expert

for the INNOVATION FUND

Deploying innovative net-zero technologies for climate neutrality



Join as project evaluator for Innovation Fund

- Technical expert
- Financial expert
- GHG expert
- Rapporteur

[Sign up as an Expert \(europa.eu\)](https://europa.eu)

More information here:



<https://europa.eu/IRtnFw>



Let's keep in touch



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