



The Innovation Fund

Introduction and calls for proposals

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Slovenia

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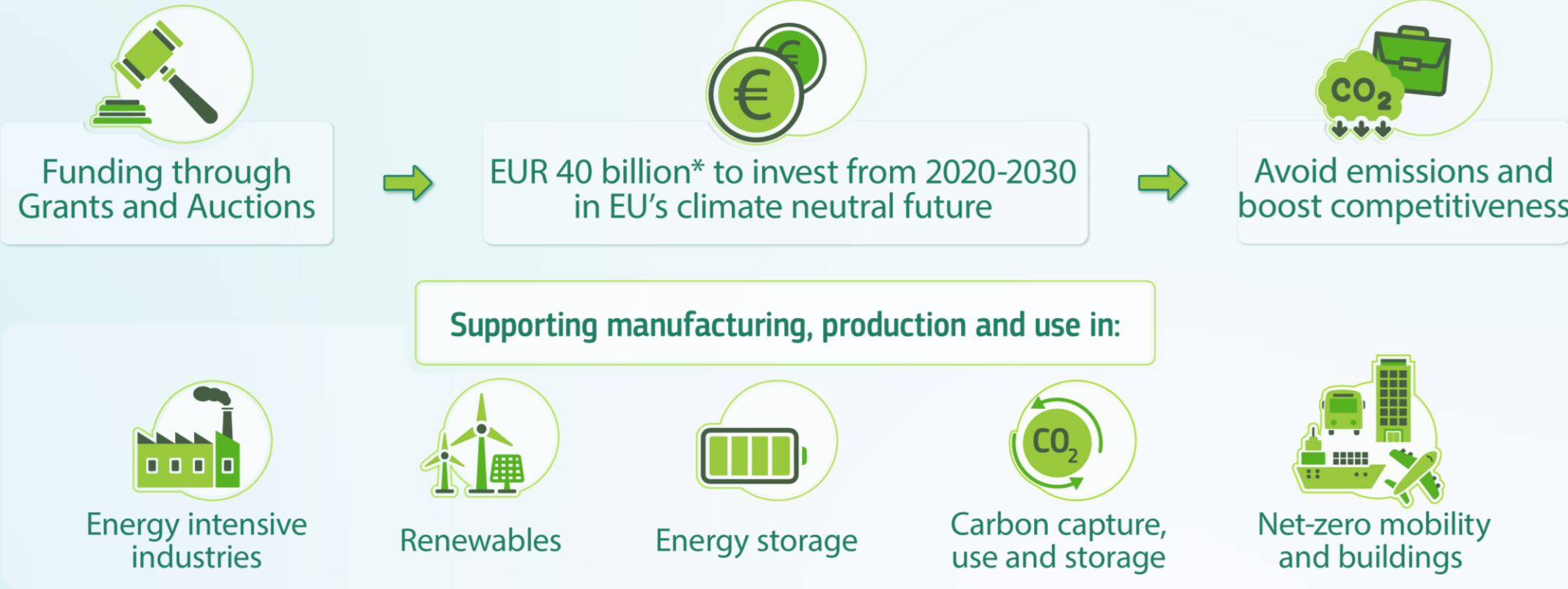


Introduction and policy update

- 1 Introduction and policy update
- 2 Innovation Fund 2023 Call
- 3 Innovation Fund 2023 Auction
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Innovation Fund

Deploying innovative net-zero technologies for climate neutrality



*based on a carbon price of 75 EUR/tonne

The Innovation Fund can support urgent policy priorities, but holds a long-term line of support across sectors and focus on excellence



- **RePowerEU** objective of 10Mt of renewable H₂ domestic production.
- **Net-Zero Industry Act**: clean tech manufacturing topic (€0,7 billion in 2022, €1.4 billion in 2023).
- **European Hydrogen Bank**: first pilot auction under the Innovation Fund
- **Wind package**: Priority in project development assistance

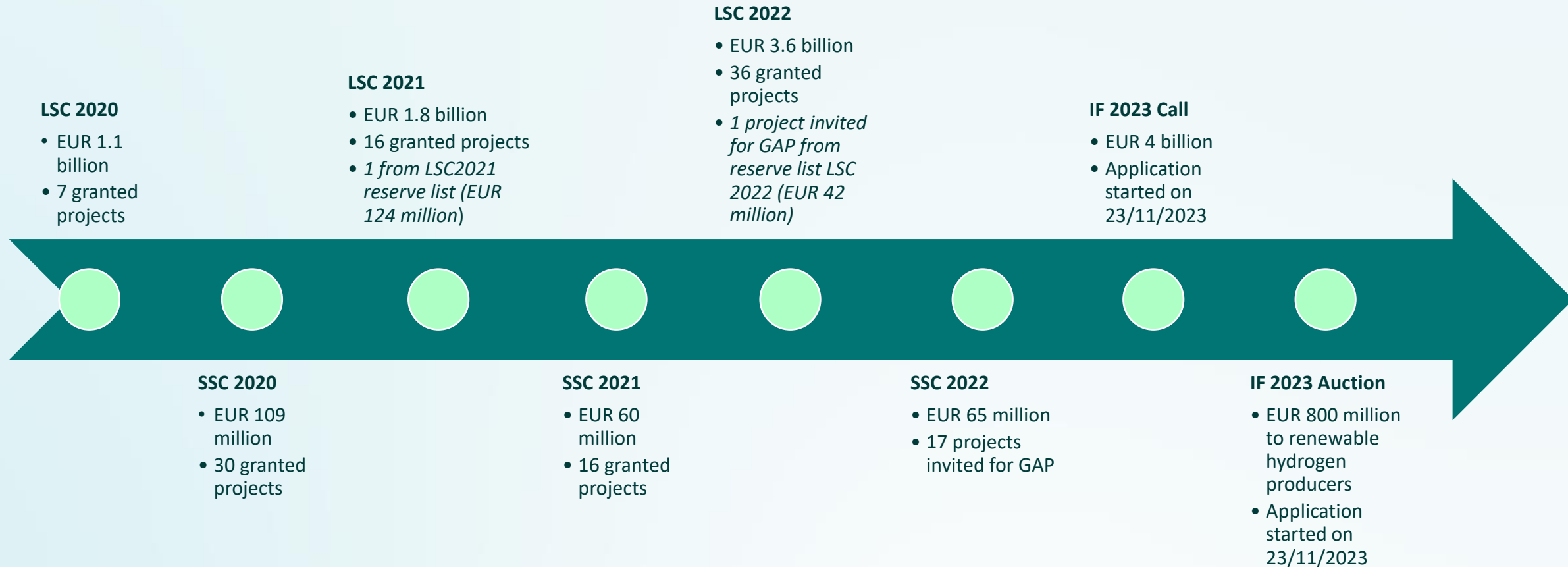
STEP and the Innovation Fund

The EU answers to the need to boost investments in critical technologies:

- reinforcing, leveraging and steering EU funds to investments in deep, digital, clean and bio-technologies;
- introducing the Sovereignty seal, a European quality label for projects.



Evolution of the Innovation Fund



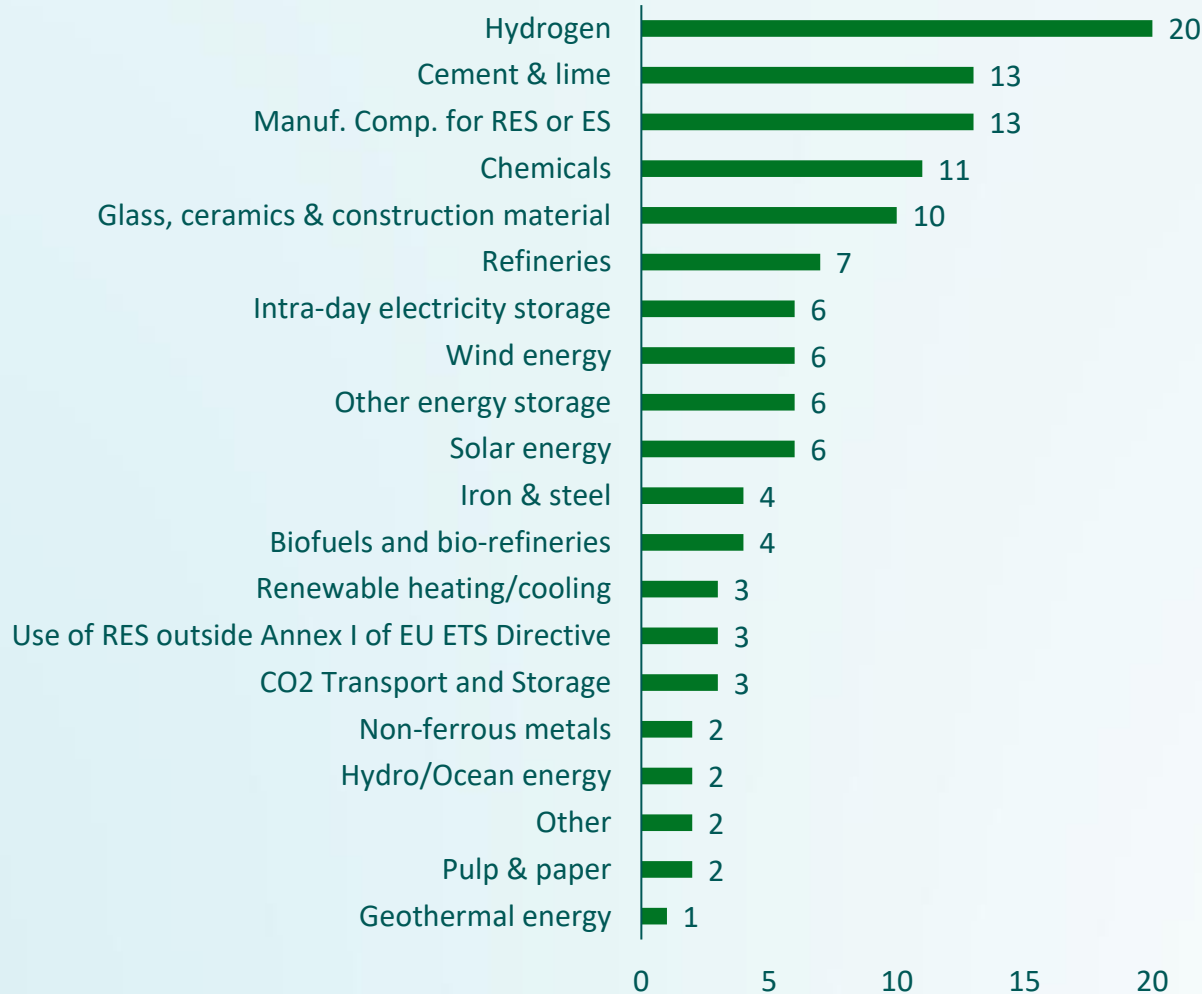
GAP – Grant Agreement Preparation



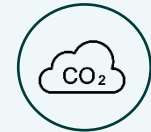
Over EUR 3 bn already provided for low-carbon innovation projects

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*

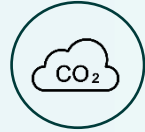
IF projects in Slovenia



1
Projects



2.2 million €
EU contribution



96.4 ktCO2 eq
first 10 years

Sectoral distribution



Glass, ceram. &
construction; 1

Slovenia

Ongoing and preselected projects (SSC2022 + reserve list LSC 2022)



Slovenia

Project acronym	Location	Call Name	Amount of Innovation Fund Grant (million EUR)	Expected GHG avoidance (thousand tCO ₂ eq)	Description
BEAR	Hrastnik, Zasavje	SSC-2021	2.2	96.38	HyBrid rEgenerative glAss fuRnace The project will demonstrate a firstof-a-kind hybrid end-fired regenerative furnace with a more than 40% electrical melting share and throughput capacity of 170 tons of glass per day.

Innovation Fund 2023 Call

- 1 Introduction and policy update
- 2 Innovation Fund 2023 Call**
- 3 Innovation Fund 2023 Auction
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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

New

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

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:

New

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.

Pilot Projects Topic

- Topic is targeting a **higher degree of innovation** with respect to other topics
 - Points under Degree of Innovation award criterion are doubled.
- Emphasis on addressing technical risks linked to the innovative technologies, such as **optimising process and operational parameters, and enhance final product characteristics.**
- Pilot projects should prove an **innovative technology** in an operational environment, i.e., include pilot manufacturing lines, but are not expected yet to reach large-scale demonstration or commercial production.
- The projects can entail **limited production/operation** for testing purposes, including delivery to/from potential customers for validation.

Innovation Fund 2023 Call

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 4 years** after grant signature (maximum time to financial close)
 - **Operate at least** (minimum GHG emission avoidance monitoring period) **5 years** after entry into operation
 - Except SSP and PILOTS – at least 3 years after entry into operation
- Project budget: the maximum grant amount **must not exceed 60 % of the relevant costs**

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

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

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

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

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](#)

GHG emission avoidance potential

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

Project maturity

- Technical
- Financial
- Operational

Replicability

New

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

Cost efficiency

New

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

Degree of Innovation

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

- 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)

Very low / incremental innovation

Intermediate or strong

Very strong or breakthrough

Incremental innovation: minor changes or improvements to existing products, processes or business models; implies limited new knowledge / technology; such projects **will not be retained.**

Intermediate or strong: new or considerably changed technologies or processes or business models; novel combinations of mature technologies; scale-up of innovative technologies

Very strong or breakthrough: completely new technologies or processes or business models; innovations leading to significant changes that transforms entire markets or industries or creates new ones

GHG emission avoidance potential (1)

- ❖ 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 (2)

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

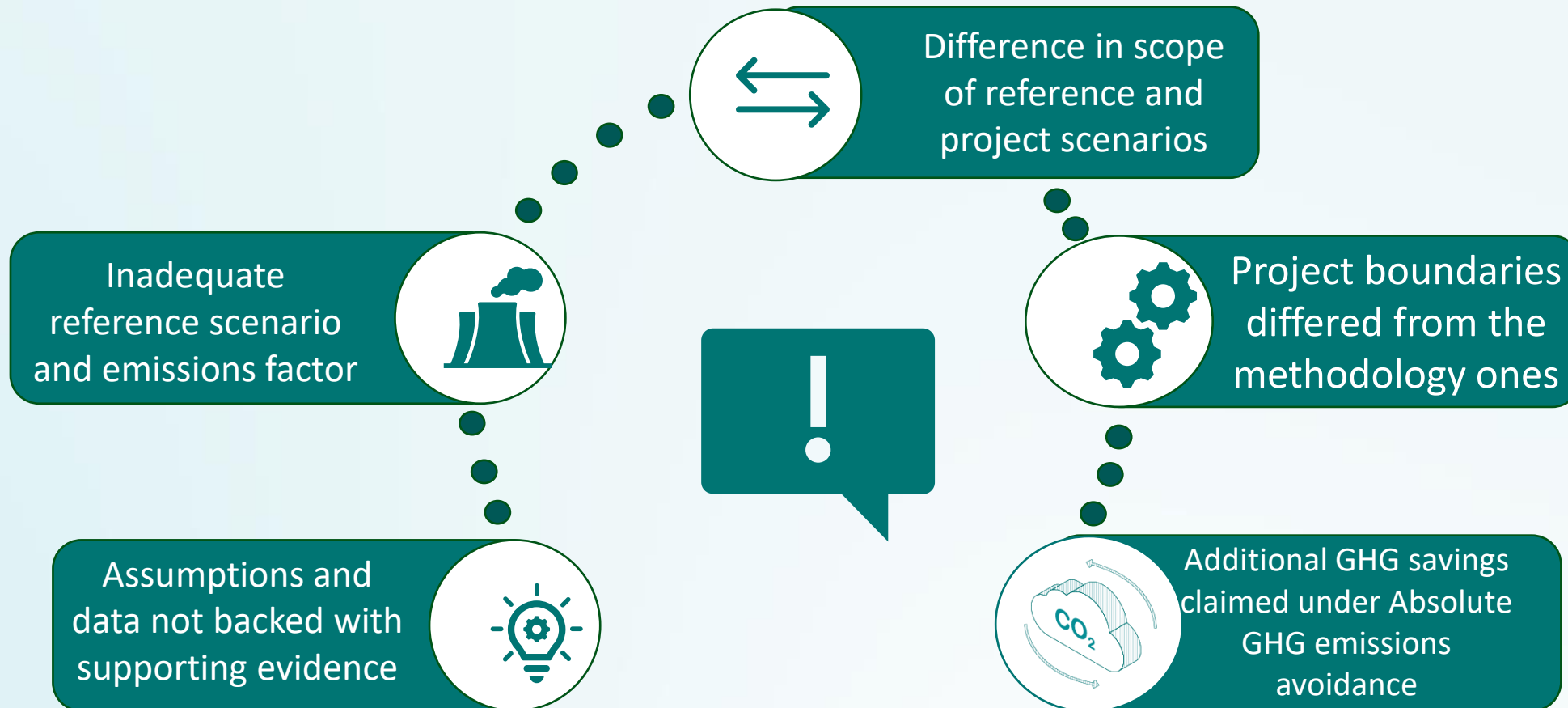
Where relevant, the proposal should demonstrate whether the proposed project meets or not the **minimum requirements**:

- 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!

Main mistakes on GHG emissions avoidance



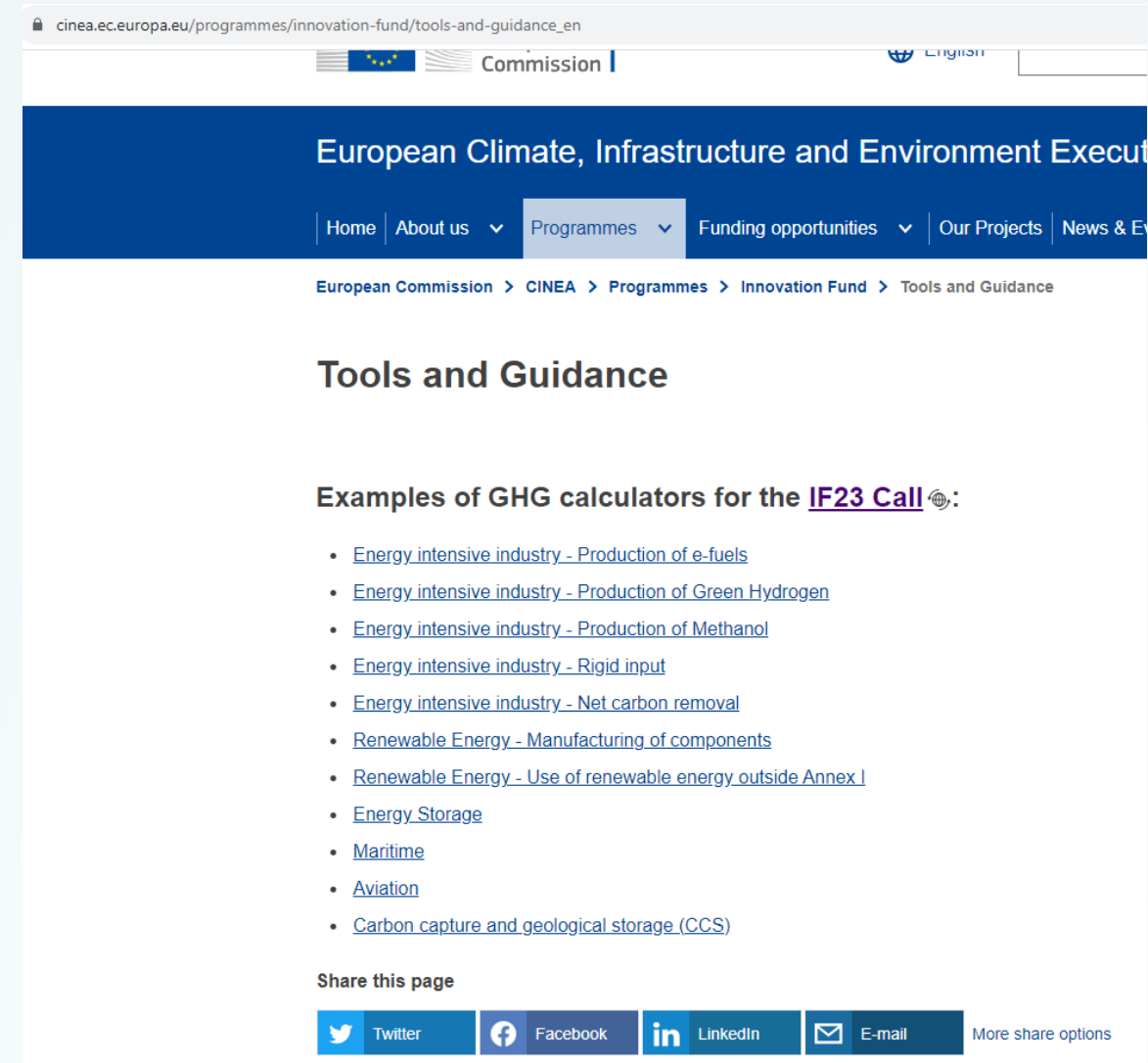
New features of the GHG Calculation criterion

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 a web browser window with the URL 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".

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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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

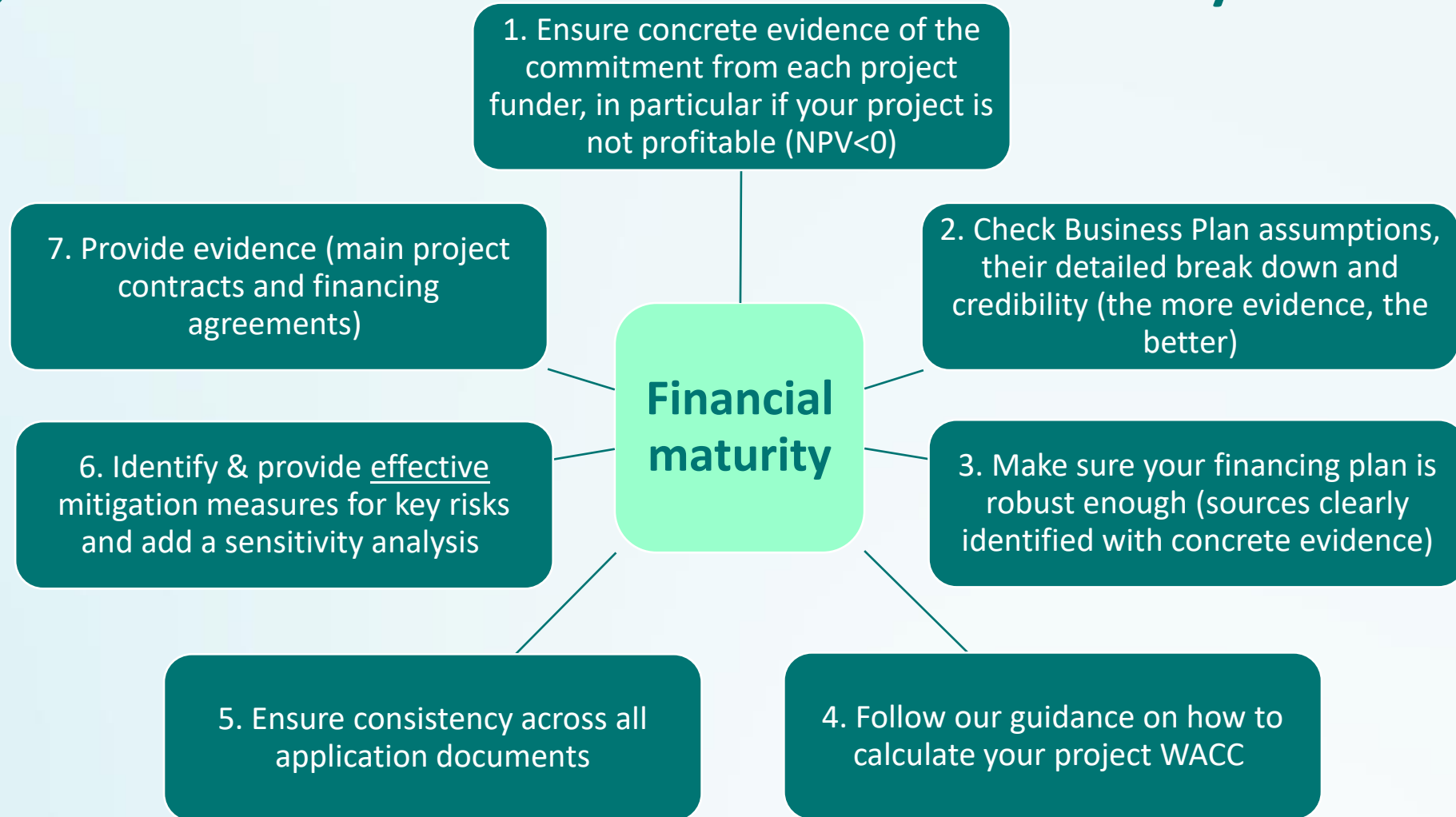
Project business plan and profitability

Soundness of the financing plan

Commitment of project funders

Understanding of project business and financial risks

7 golden rules of Financial Maturity



(* if project is set of as a consortium, outline the main responsibilities and working arrangements of each project party

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.

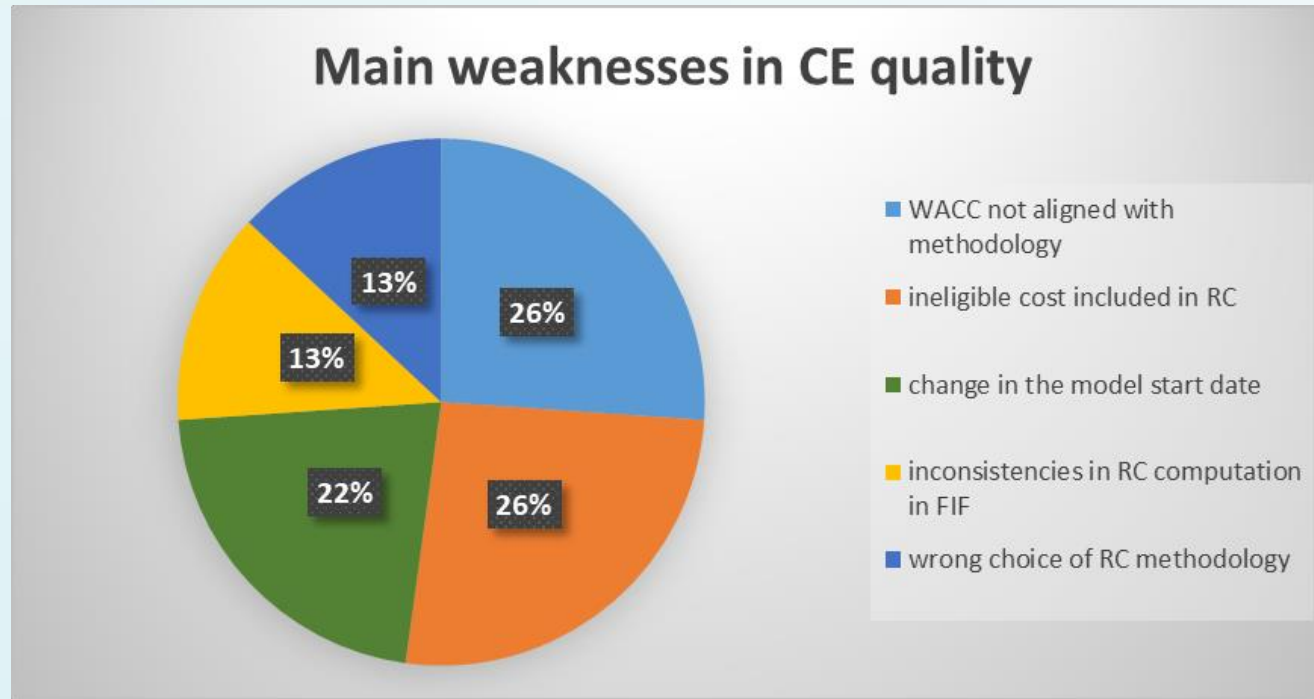
() Other public support must impact the same project (i.e. the case of cumulation) and include State aid or funding from the EU funding programmes*

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
 - One “qualitative” on how the computation of Cost Efficiency ratio was made
- **Cost efficiency has minimum requirement for all topics €200/tCO₂eq except for Pilots.** If cost efficiency ratio is equal to or above €2000/tCO₂eq, cost efficiency score will be zero and proposal will be rejected
- **For Pilots** where projects are more costly: **less stringent formula** for cost-efficiency criterion is applied: **12 – (12 x (cost efficiency ratio/2000))**. If cost efficiency ratio is equal to or above €200/tCO₂eq, cost efficiency score will be zero but proposal will not be rejected

Main reasons for failure in Cost Efficiency quality



Several measures have been taken in the documentation to grasp address the points mentioned above:

- Further streamlining the Relevant Cost (RC) methodologies and simplifying the WACC computation by proposing default values for Beta and ERP.
- Clarifying even more the eligible costs for the RC computation in the guidance.
- Locking calculation cells in the FIF.

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

Timeline

Define project timeline

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

Risks

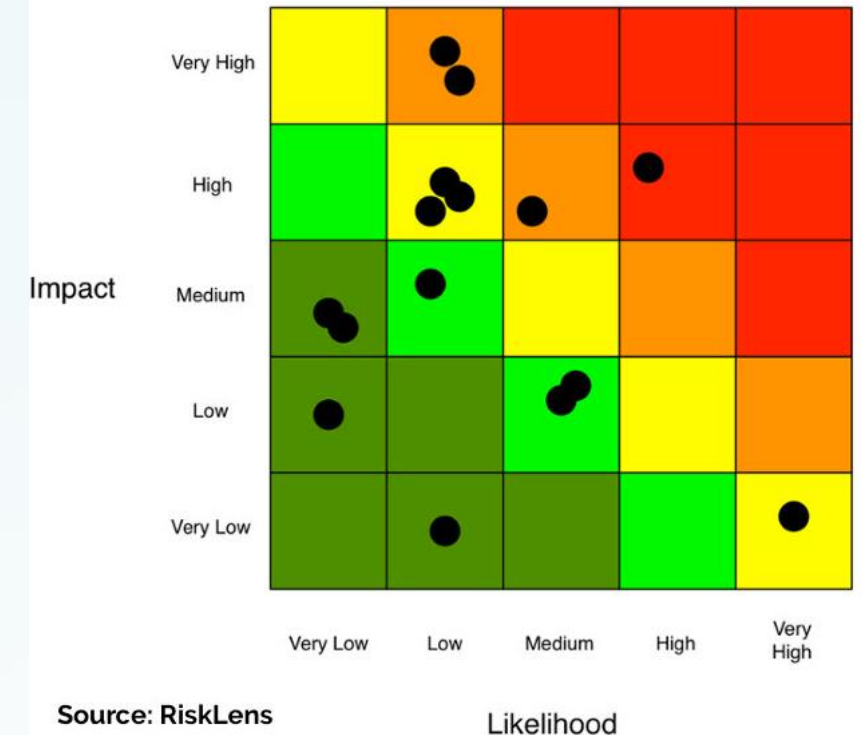
Identify Technical, financial and operational risks

- 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



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)

New

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)

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 the website for the Innovation Fund 2023 Call. The header includes the agency name and navigation links. The main content area is titled 'Innovation Fund 2023 Call' and includes a 'Details' table, a 'Description' section, and 'Events' and 'Tutorials' sections. A yellow 'APPLY NOW' button is prominent. The 'Details' table lists the status as 'OPEN', publication date as '23 November 2023', opening date as '23 November 2023', deadline model as 'Single-stage', and deadline date as '9 April 2024, 17:00 (CEST)'. The 'Description' section states that the call has a total budget of €4 billion and provides information on where to find call text and application forms. The 'Events' section mentions an 'online Info Day' on 7 December. The 'Tutorials' section lists 'Where to find useful information', 'GHG Methodology', and 'Financial Information File' as available resources.

European Climate, Infrastructure and Environment Executive Agency

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European Commission > CINEA > Funding opportunities > Calls for proposals > Innovation Fund 2023 Call

CALL FOR PROPOSALS | Open

Innovation Fund 2023 Call

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- Supporting documents

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](#)

Last consistency check before submission

(How to avoid simple mistakes)

1 - General information

Topic: _____ Type of Action: _____
 Call: _____ Type of Model Grant Agreement: _____
 Duration in months: _____
 Fixed keyword 1: _____
 Free keywords: _____

General Information

General information	Comment
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	
Estimated annual production	(Please specify unit)

Type of project and sector

Type of project: Carbon capture and geological storage (CCS) Energy Storage (ES) Energy intensive industries (EII) Renewable Energy (RE)

Project sector: Bio electricity District heating and cooling Green, sustainable & circular transport HydroGreen energy Hydrogen Industrial energy storage Iron & steel Manufacturing of components for production of renewable energy of energy storage Refineries Wind energy Non-ferrous metals Other energy storage Hydro & power Use of renewable energy outside Annex I Other other

Hybrid or cross-sectoral project: Cross-sectoral Hybrid project Other

Part A | **GHG Calculator (Summary sheet)** | **Part C** | **Financial Info. File (Cost efficiency sheet)**

Sector

GHG Absolute or relative

Requested Grant Amount

3 - Budget

No	Name of Beneficiary	Country	Requested grant amount
1			
Total			

Absolute GHG Emissions Avoidance

Accumulated GHG emissions	Reference emissions	Project emissions
AGHG _{acc}	Ref	Proj

Relative GHG Emissions Avoidance

Accumulated GHG emissions	Reference emissions	Project emissions
AGHG _{rel}	Ref	Proj

PROJECT - Cost efficiency calculation

Cost efficiency ratio:

Requested grant:

Requested grant + project specific state aid:

Cost Efficiency Ratio:

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

*Recording, the presentation and extra slides on lessons learned from LSC 2022 will be available on CINEA website

Innovation Fund 2023 Auction

IF23 RFNBO H2 Auction call in a nutshell



[Link to Info Day for recordings](#)

⁴⁴[Link to Funding and Tenders portal](#)

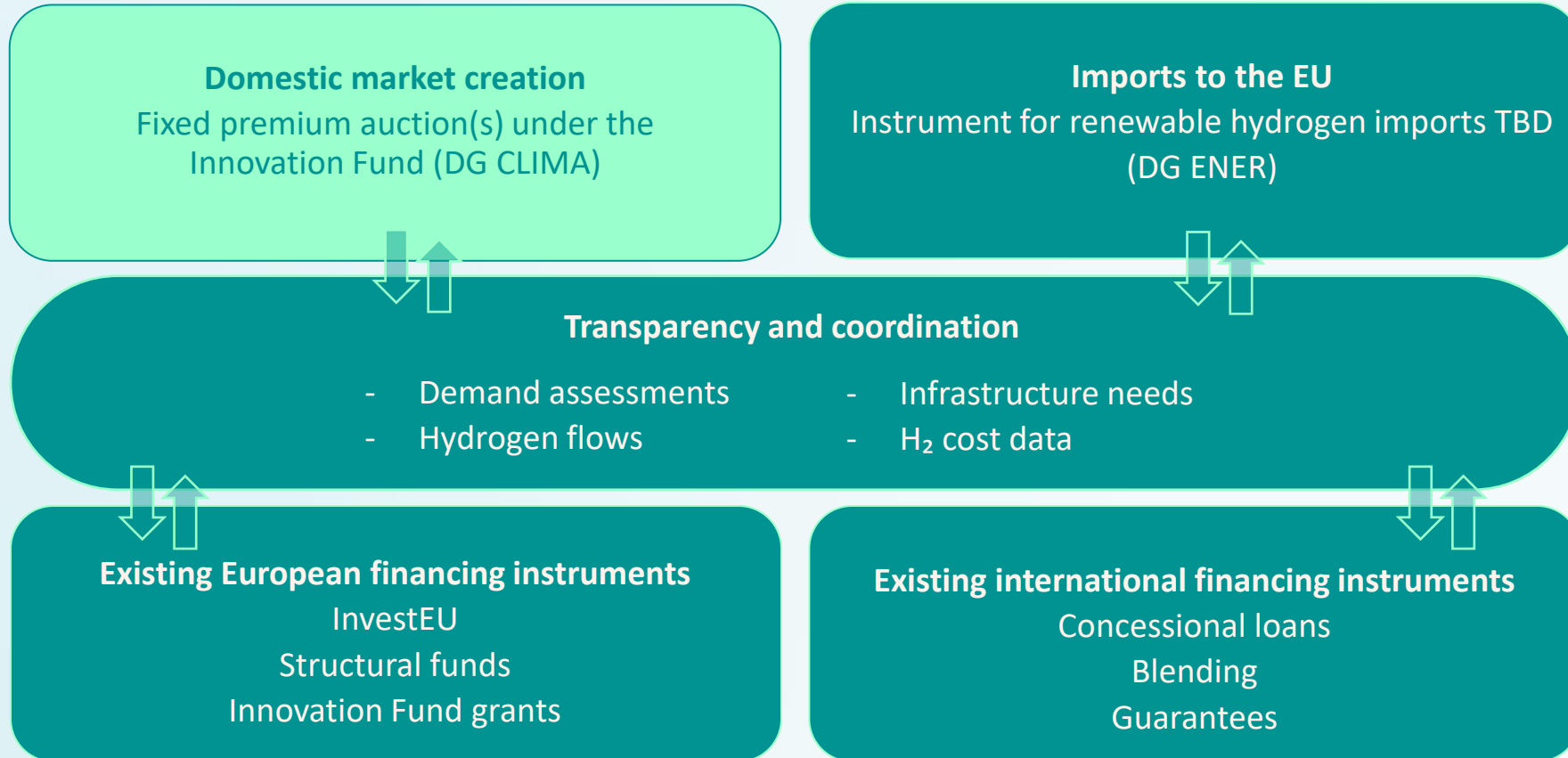
RFNBO - Renewables liquid and gaseous fuels from non-biological origin

The European Hydrogen Bank

- Announced in the State of the Energy Union 2022 – linked to **REPowerEU** objectives
- Communication adopted on 16 March 2023
- **Pilot auction** opened on 23 November 2023
- **Auctions-as-a-service**



European Hydrogen Bank proposed activities



IF23 Auction objectives

Putting Europe's net-zero industry in the lead:



Reducing the cost gap between renewable and fossil hydrogen in the EU



Allowing for **price discovery** and renewable hydrogen **market formation**



De-risking European hydrogen projects

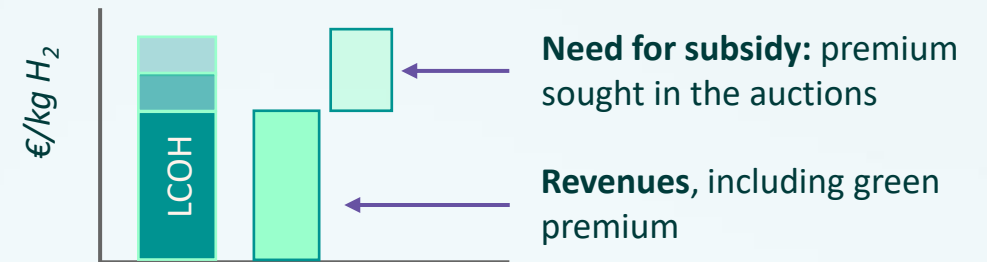


Reducing administrative burdens

The auction design was chosen with simplicity and implementation speed in mind...

- Budget: **€800 million**
- Auctioned good: **RFNBO hydrogen**
- Support in form of a **fixed premium** in €/kg of renewable hydrogen **produced** over **10 years**
- Bids **ranked on price** – budget allocated to projects with the lowest specific support requirements
- Other award criteria assessed **Pass/Fail**
- **Pay-as-bid** (no indexation to inflation)
- **Output based support**, upon verified and certified production of RFNBO volumes (no payments before entry into operation)
- **Semi-annual** payments

Fixed-premium auction



Bids ranked on price only



Requirements for participating projects

Minimum electrolyser capacity

5MWe per bid

- one location in EEA, no virtual capacity pooling
- new capacity only (no “start of works” prior to application)

Maximum requested grant per project (=price*volume) capped

1/3 of total auction budget (€800m) to avoid “winner takes all”

Maximum bid price (“ceiling price”)

4.5 €/kg of RFNBO hydrogen produced

Planned entry into operation

less than **5 years** from grant signature

No restriction on off-take sectors or origin of electrolysers

Termination for severe under-production over 3 consecutive years

Below 30% on average of planned yearly average volume

Completion guarantee (“deposit”)

4% of maximum grant amount

- To enter the auction, you need to provide an Lol for the guarantee from a financial institution
- To sign GA, you need the financial institution to issue the guarantee

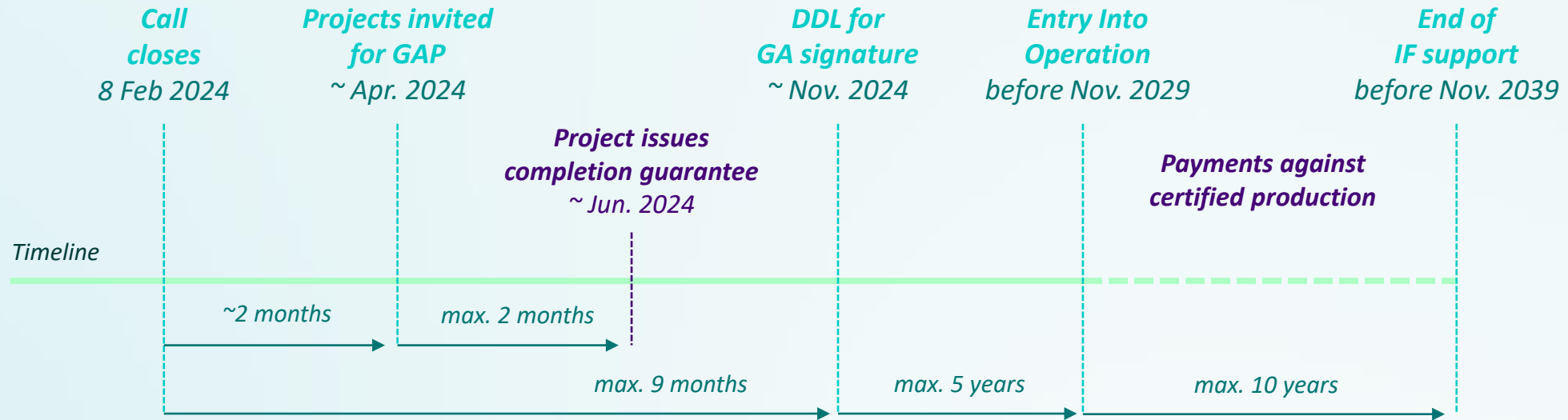
Reporting at the end of the support period

Certification of 70% GHG savings on overall production

- Independent third-party certificate or audited report

IF23 Auction implementation timeline

indicative



- Evaluation is simplified (compared to regular grants) and much faster: approx. 2 months
- If the completion guarantee is well prepared, winners could sign grants well before the deadline for GA Signature
- Maximum time to Entry into Operation (EiO) of 5 years to allow projects to manage delays, but normally EiO can be achieved earlier

Assessment criteria

Relevance and Quality

Relevance

Pass/Fail

Contribution to the objectives of this call
(i.e. production of RFNBO hydrogen
based on the sourcing strategy)



Quality

Pass/Fail

Technical maturity
Financial maturity
Operational maturity



Ranking

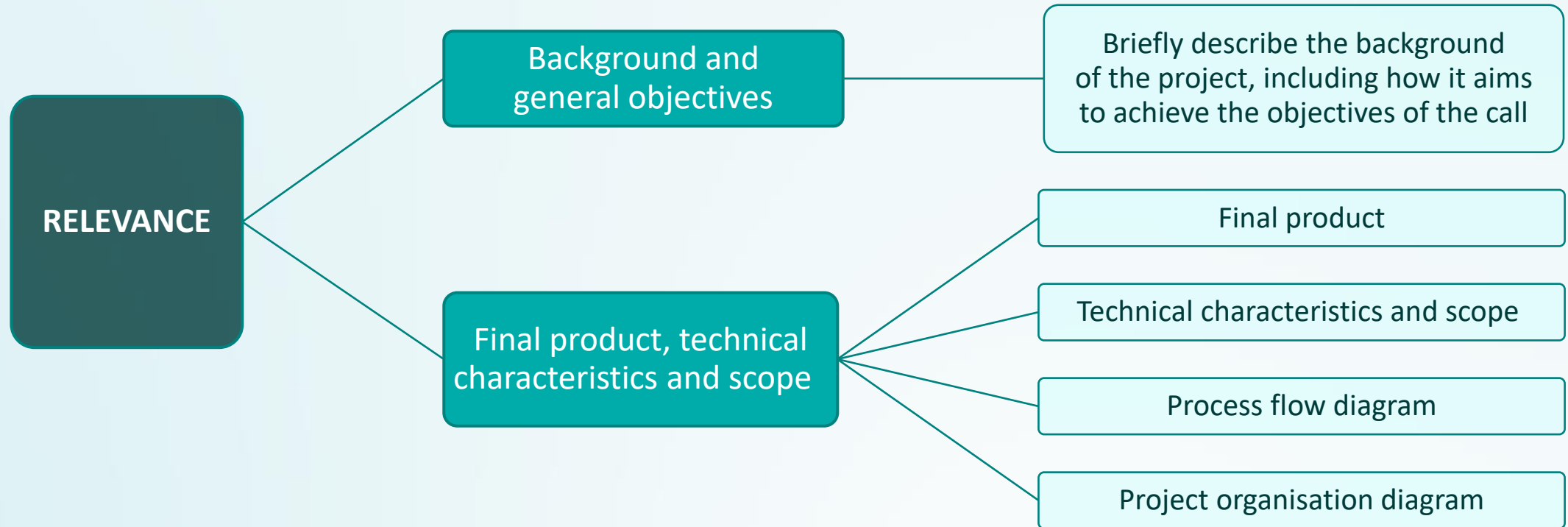
Pass/Fail

- According to the bid price
(in € per kg, with two digits after the comma)
- Within the limits of the available budget



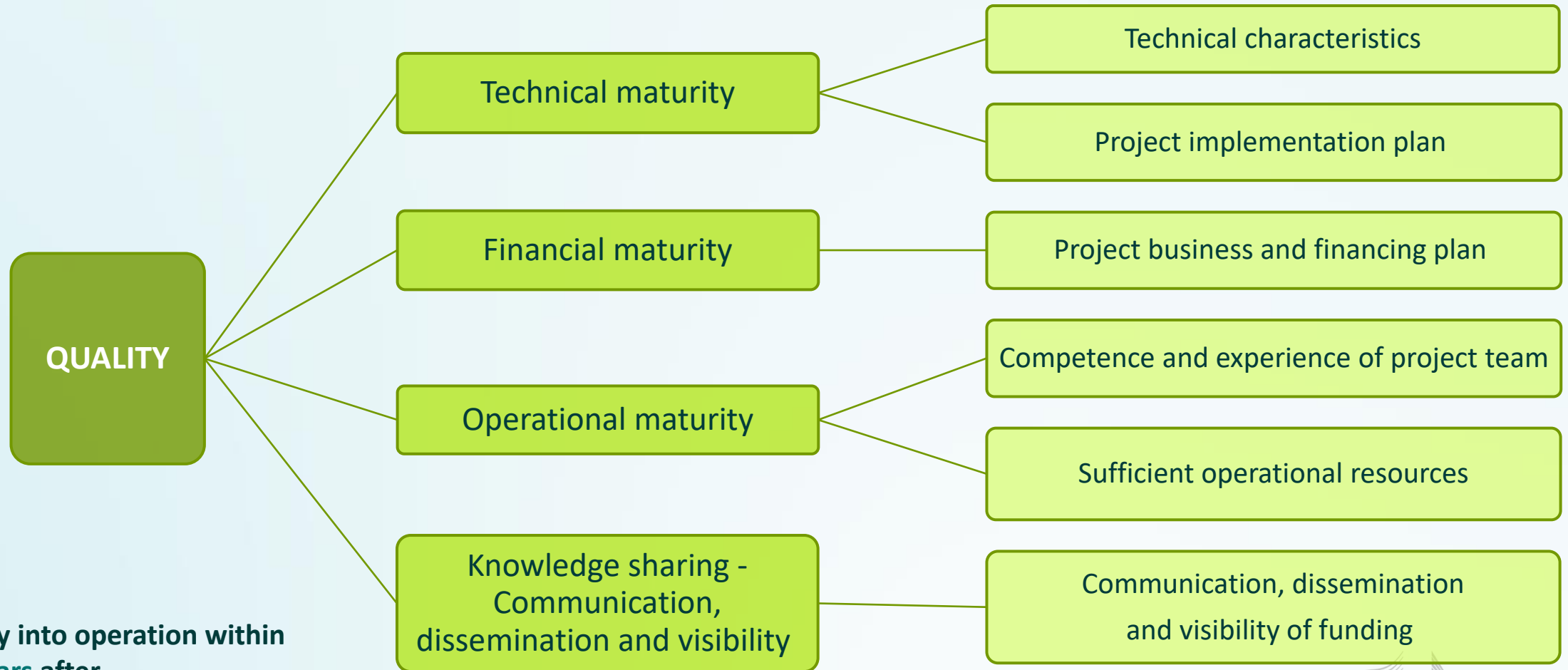
Assessment criteria

Relevance and Quality



Assessment criteria

Relevance and Quality



Entry into operation within
5 years after
GA signature

Assessment criteria

Relevance and Quality

Renewable electricity sourcing strategy

Hydrogen off-take and price hedging strategy

Electrolyser procurement strategy

Plan to receive environmental permits on time

Plan to receive grid connection permits on time

Completion guarantee letter of intent



Credibility & consistency of the documents

Key Information

- Auction opened on **23 November** and **close on 8 February**
- Available application information through in [EU Funding & Tender Portal](#)
- Any questions? Ask us at [EU Funding & Tenders InnovFund HelpDesk](#)

Important to know

Forthcoming events

IF SSC 2022

- Results to be 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 Fun

- Technical expert
- Financial expert
- GHG expert
- Rapporteur

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

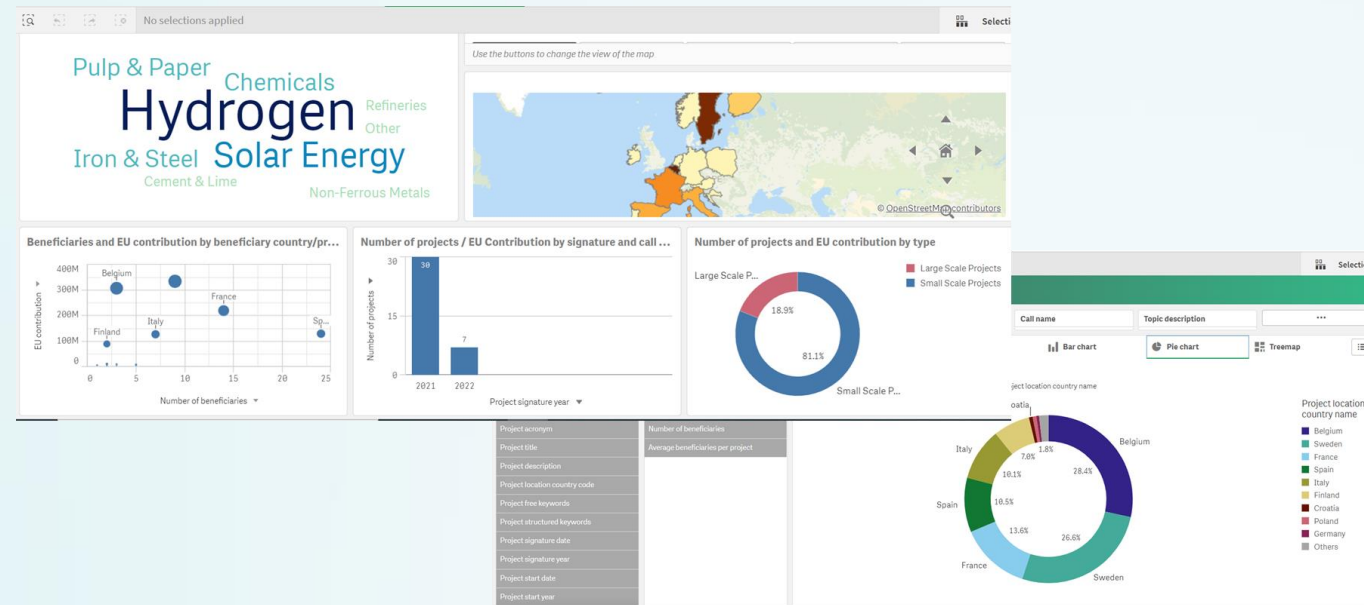
More information here:



<https://europa.eu/IRtnFw>



IF dashboard



Available on [CINEA's website](#)

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>

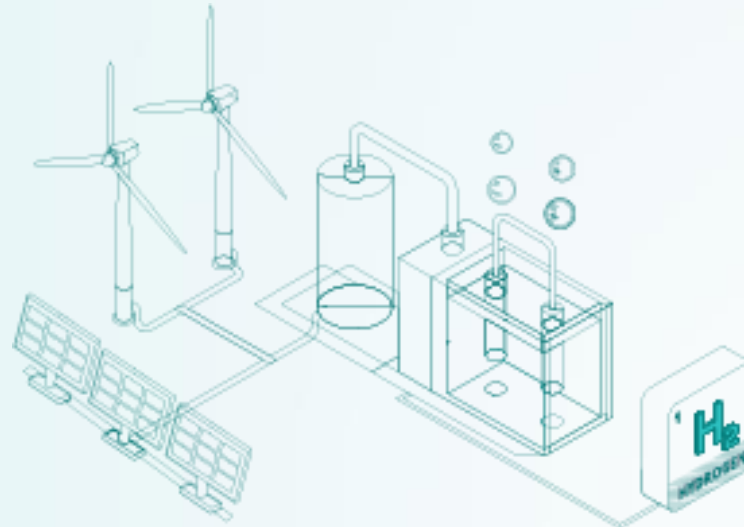


Further info, planning of new calls, recorded webinars
and videos available on the IF Website:

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

And more videos available on YouTube:

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



Let's keep in touch



climate.ec.europa.eu

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



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Thank you



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