EU Renewable Energy Financing Mechanism

RENEWFM



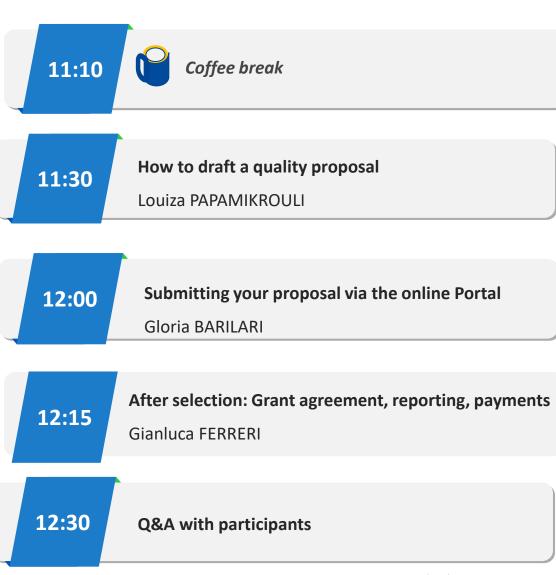
Monday, 23 September 2024 From 9.30 to 13.00

Register now!



AGENDA

Welcome and introduction 09:30 **Beatrice CODA RENEWFM** in the European energy policy context 09:40 European Commission - DG ENERGY - Unit C1 10:00 **Welcome from Hosting Countries** Intro to CINEA and call main requirements 10:10 **Beatrice CODA Evaluation and selection process** 10:30 Gianluca FERRERI 10:50 **Q&A** with participants





12.45: end of the meeting





EU RENEWABLE ENERGY FINANCING MECHANISM

RENEWFM



CINEA

European Climate, Infrastructure and Environment Executive Agency

Questions? Use Slido!

slido

Join at slido.com #RENEWFM







RENEWFMPolicy Context and Functioning

DG ENER Unit C1

23 September 2024



Transforming EU economy and society to meet climate ambitions

- European Green Deal and the target for reducing net greenhouse gas emissions by at least 55% by 2030, compared to 1990 levels
- Reducing greenhouse gas emissions by at least 55% by 2030 requires to step-up the shares of renewable energy
- The **revised Renewable Energy Directive**, adopted in 2023, raises the EU's binding renewable energy target for 2030 to a minimum of **42.5%**





What is the EU renewable energy financing mechanism (RENEWFM)?



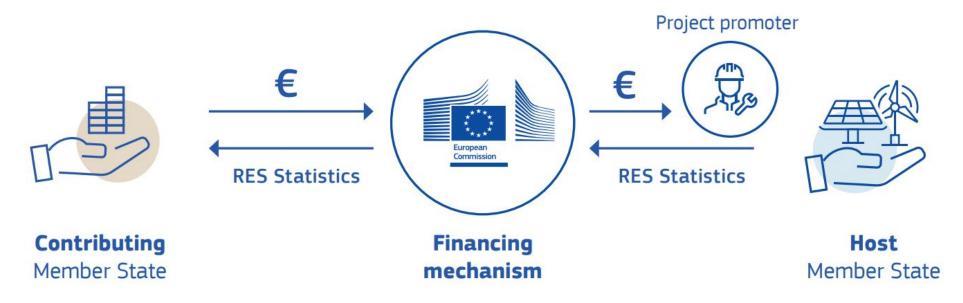
A new mechanism established in 2021 to **enable EU countries to work more closely together** on the uptake of renewable energy, by:

- Gathering investors and project developers
- **Improving the efficiency** of the investment through competitive tenders
- Pooling resources between public and private finance
- Making it easier for countries to achieve both EU and national targets



How does it work?

- The mechanism pools the financial contributions from EU countries and then allocates funding through a system of competitive tenders.
 - Functioning of the mechanism





Benefits for participating EU countries



Financing

mechanism

"Contributing" member state

- Potentially lower direct and indirect costs than deployment of installations at home
- Access to potentially cheaper or otherwise unavailable renewable energy sources
- Lower transaction costs (relative to cooperation mechanisms)
- Contribution to renewable energy target

'Host" member state

- Greenhouse gas emission reductions
- Reduced import dependency
- Modernisation of national energy system
- Local investment and job creation
- Improved air quality and environmental security

What are the benefits of taking part in the RENEWFM?

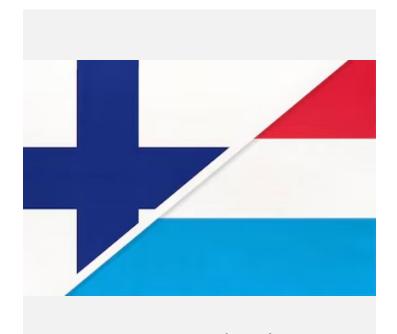


For project developers –

- System of EU grants financing which can support the funding gap for the project costs of suitable renewable energy projects
- Complementarity with national support schemes
- No state aid clearance



First RENEWFM tender (2023)



Host: Finland Contributor: Luxembourg

€27.5 million

of investment support (call budget: €40 million)

213 MWp

of new solar PV generation capacity







Welcome from Hosting Countries



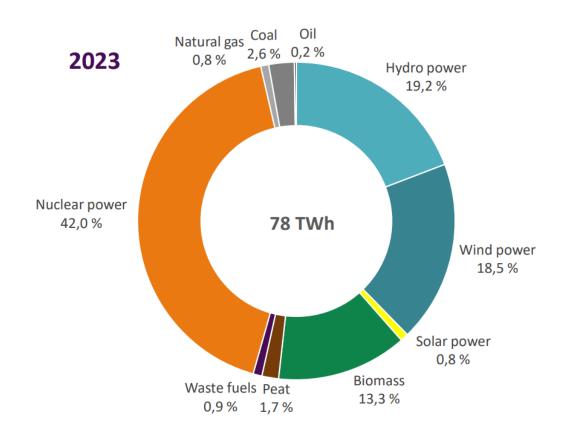
RENEWFM Info Day: Solar Power in Finland

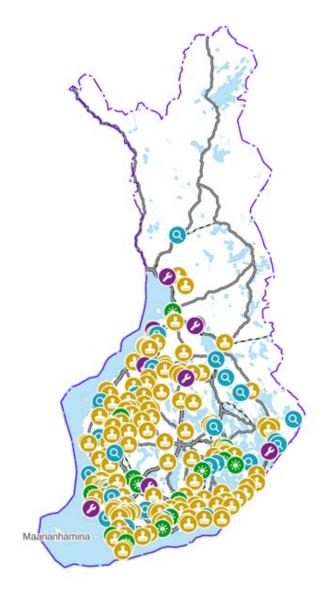
Salla PALANDER,

Finnish Ministry of Economic Affairs and Employment









Sources: Finnish Energy, Motiva

Finland participated in RENEWFM also in 2023



- The first tender of RENEWFM ever organised
- Seven solar power projects signed the funding agreement in spring 2024
- The total amout of aid was 27,5 MEUR

Thank you!





The key RENEWFM 2024 call elements

Beatrice CODA

Head of Unit CEF Energy and RENEWFM, CINEA

23 September 2024



CINEA's key contribution to the European Green Deal

EUROPEAN MARITIME FISHERIES AND AQUACULTURE FUND

LIFE PROGRAMME

EUROPEAN CLIMATE, INFRASTRUCTURE AND ENVIRONMENT EXECUTIVE AGENCY

> **JUST TRANSITION MECHANISM** Public Sector Loan Facility pillar

CONNECTING EUROPE FACILITY 2 Transport and Energy

RENEWABLE ENERGY **FINANCING MECHANISM**

INNOVATION FUND

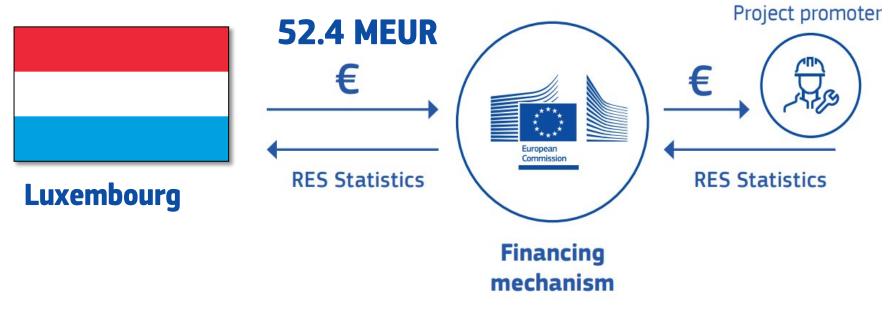


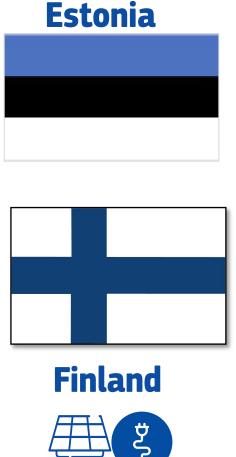
HORIZON EUROPE Climate, Energy and Mobility



European Commission

This call: 52.4 MEUR for Solar Pv and wind onshore projects





European Commission



Eligible projects in Finland

- Ground mounted Solar Photovoltaic
- Minimum capacity size per project of 10 MWp
- Maximum capacity size per project of 80 MWp
- Fixed expected FLH: 1000/y
- Maximum total capacity of the call: 400 MW
- At project level, removal of forest + agricultural land restricted to maximum 20 % of the project area.
- Enter into operation by the 4 March 2027.





Eligible projects in Estonia

Onshore wind



- Minimum capacity size per project of 10 MWp
- Maximum capacity size per project of 71.5 MWp
- Fixed expected FLH: 2800/y
- Maximum total capacity of the call: 71.5 MW
- Enter into operation by the 4 March 2028.





Timeline of the call



Grant Agreement preparation and signature.



Ranked according to the lowest price offer and selected in a priority order until the budget is used.

Result of the evaluation



(If eligible admissible) **Evaluation Award criteria**

March 2025

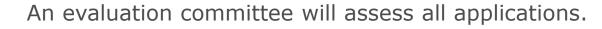
- Relevance
- Price per MW and total capacity

30 July 2024



Call for project

Quality



04 March 2025

Call Closure

and start of

the evaluation

of project

proposals



Financing breakdown, conditions of disbursement and reporting requirements



- During 3 reporting periods, projects will request a reimbursement
- After the commissioning, every year projects have to report their yearly generation via a deliverable.
- This reporting must be for 15 years

Financing breakdown

- The financing of the project is completed in the first 3 reporting periods (RP)
- RP 1 (at commissioning): payment of 60% of the maximum grant amount (in year n)
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- RP 3: payment of 20% of the maximum grant amount at the end of year n+4.

Conditions of disbursement

 The interim payments are done within 60 days of the end of the reporting period upon approval of the period report and proof of energy delivery.









Evaluation and selection process

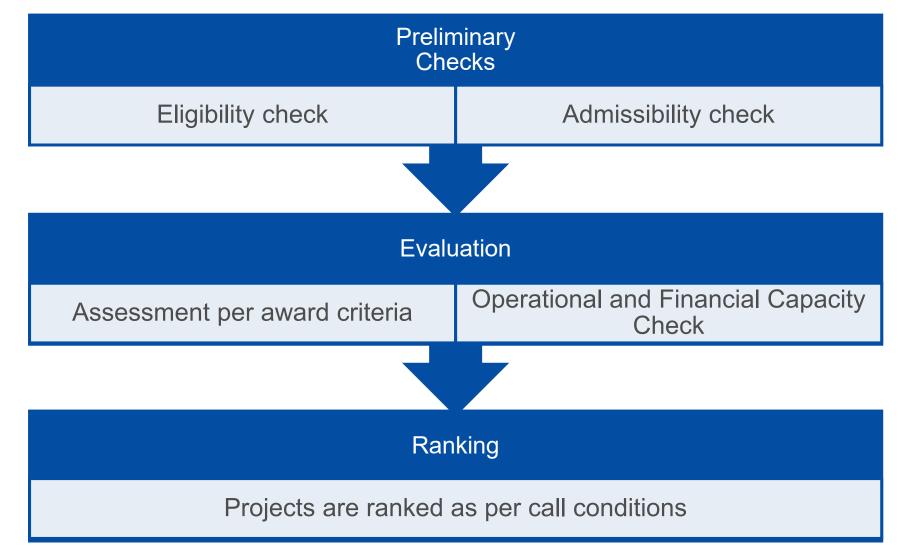
Gianluca FERRERI

Programme Coordination manager

CEF Energy CB RES and RENEWFM, CINEA



Principles for the evaluation and selection process



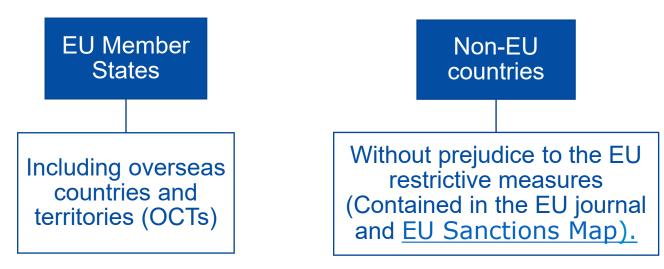




Eligibility: Applicants

To be eligible, the applicants (beneficiaries and affiliated entities) must:

- be legal entities (public or private bodies)
- be established in one of the eligible countries, i.e.:



Beneficiaries and affiliated entities must register in the <u>Participant Register</u> — before submitting the proposal — and will have to be validated by the Central Validation Service (REA Validation).





Eligibility: Projects



چ

- Have total budget calculated as a price offer (in EUR per MW) multiplied by the installed capacity of the project (in MW)
- Based on fixed FLH => translated price per MWh over 15 years
- Offer a price that does not exceed 300.000 EUR per MWp
- Operate at least 15 years after entry into operation



Eligibility: projects in Finland



- Ground mounted Solar Photovoltaic
- Minimum capacity size per project of 10 MWp
- Maximum capacity size per project of 80 MWp
- Fixed expected FLH: 1000/y
- Maximum total capacity of the call: 400 MW
- At project level, removal of forest + agricultural land restricted to maximum
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- Enter into operation by the 4 March 2027.





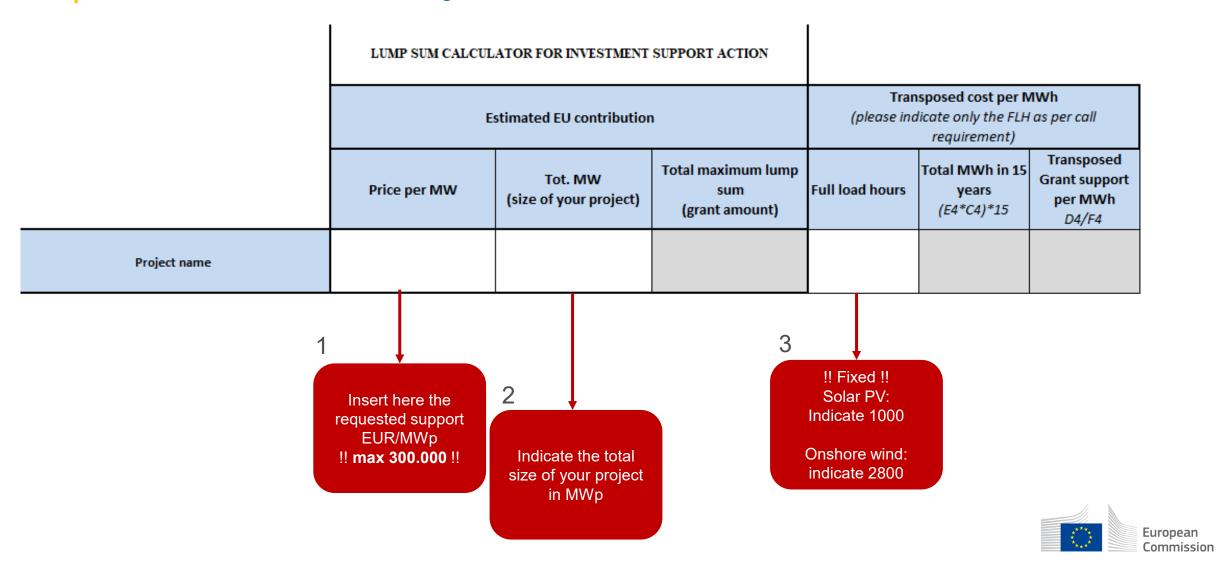
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- Maximum capacity size per project of 71.5 MWp
- Fixed expected FLH: 2800/y
- Maximum total capacity of the call: 71.5 MW
- Enter into operation by the 4 March 2028.



How to define your offer





Admissibility 1/3

- Submitted before call closure via the Submission Platform
- With the mandatory templates
- ✓ Readable, accessible and printable
- Drafted in one of the official EU languages
- *✓* Complete



Admissibility 2/3 Completeness of mandatory documents

- Lump sum calculator
- Latest Activity report of your organisation
- List of previous projects (RES and tech specific)
- Gantt chart
- Co-financing declaration

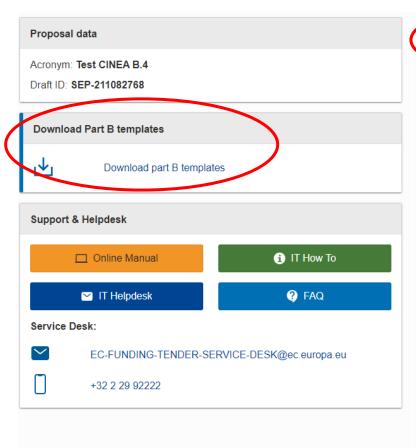


Admissibility 3/3 Completeness of mandatory documents:

- Business plan and business plan financial spreadsheet (no programme template)
- Other annexes:
- Evidence of permitting requests (construction, grid connection)
- ✓ Proof regarding the respect of 20% limit to deforestation/
 agricultural land (e.g. maps of the area) or self-declaration
- Other annexes, where relevant



Overview of the documents in the F&T portal



Part B and Annexes			
In this section you may upload the techni	ical annex of the proposal (in PDF format only) and any other requested attachments.		
Part B *	6	•	Upload 🔓
Calculator*	•		Upload 🔓
Annual activity reports *	•		Upload 🔓
List of previous projects *	•		Upload 🔓
Timetable/Gantt chart *	•		Upload 🔓
Cofinancing declarations *	•		Upload 🔓
Business plan *	6		Upload 🔓
Business plan financial _* spreadsheet	6		Upload 🔓
Other annexes	•		Upload 🔓



Evaluation



Operational capacity check







- Applicants must have the know-how, qualifications and resources to successfully implement the projects and contribute their share.
- Applicants will have to show their capacity via the following information:
 - general profiles (qualifications and experiences) of the staff responsible for managing and implementing the project
 - description of the consortium participants (if applicable)
 - Latest applicants' activity reports + previous experience in RES and solar/wind
- list of previous projects



Financial capacity check





- Applicants must have stable and sufficient resources to successfully implement the projects and contribute their share.
- The financial capacity check will be carried out in case of selection during the grant agreement preparation



Award criteria

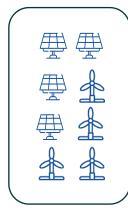
Quality: the project is mature from a technical, financial and operational point of view YES / NO

Price € / MWh: projects are ranked from lowest to
 highest price.

Ranking: how does it work?(1) Transposed price per MWh



	LUMP SUM CALCUL					
	Estimated EU contribution			Transposed cost per MWh (please indicate only the FLH as per call requirement)		
	Price per MW	Tot. MW (size of your project)	Total maximum lump sum (grant amount)	Full load hours	Total MWh in 15 years (E4*C4)*15	Transposed Grant support per MWh D4/F4
Project name			EUR 0.00		0	



Cheapest transposed EUR/MWh



要要金

Ranking will be based on this price





Ranking: what if same EUR/MWh? (2) Commissioning date

proposals which commit to be delivered first, are ranked first.









Ranking: what if same price and commissioning date? (3) The size

Then biggest proposals (MWp) are ranked first.











Wrap up - How are proposal ranked?

- From lowest to highest transposed MWh => budget calculator
- 2. One single ranking list
- 3. Regardless of the RES technology
- 4. Regardless of the MS



What do I get if selected?







EU RENEWABLE ENERGY FINANCING MECHANISM

RENEWFM



CINEA

European Climate, Infrastructure and Environment Executive Agency

Questions & Answers

slido

Join at slido.com #RENEWFM





15 minutes coffee break









How to draft good quality proposals

Louiza PAPAMIKROULI

Project Adviser

CEF Energy CB RES and RENEWFM, CINEA

23 September 2024





- Application Form Part A contains administrative information about the participants (future coordinator, beneficiaries and affiliated entities) and the summarized budget for the project (to be filled in directly online)
- Application Form Part B contains the technical description of the project (to be downloaded from the Portal Submission System, completed and then assembled and re-uploaded)
- Mandatory annexes and supporting documents (templates available to be downloaded from the Portal Submission System, completed, assembled and re-uploaded).



Part B Terminology

- Work Package: a Work Package (WP) is a major subdivision of the project
- Tasks: subdivision of WPs
- Milestone: major control points in the project that help to chart progress
- Deliverable: project output (do not need to be linked to Milestone)

WORK PACKAGES, TASKS, MILESTONES AND DELIVERABLES ARE PRE-DEFINED



Quality of the proposal

- Provide sufficient information to properly assess the proposal from a technical, financial and operational point of view: specify the technology, the location, any relevant technical aspects of the project, the business model, the expected off-taker (market / PPA) etc
- Provide sufficient information to properly assess the applicant's capacity to deliver (technical knowhow and financial means)
- Respect the predefined structure of the work packages, tasks, milestones and deliverables
- Ensure internal coherence: information in one part of the application matches the information in another part.

Pre-defined description of Work Packages



WP 1 — Construction Phase

proof of entry into operation/feed-in to the grid

WP 2 — Operating Phase I

 proof of generation of at least 1000/2800 full load hours per full year (proportional share in case of incomplete year of generation) until year 2 after entry into operation

WP 3 — Operating Phase II

proof of generation of at least 1000/2800 full load hours per year until year 4 after entry into operation

WP 4: — Operating Phase III

 for years 5 to 15 after entry into operation, submission of proof of at least 1000/2800 full load hours per full year (proportional share in case of incomplete year of generation)



Tips for clear writing: technical aspects



Explain the technology

- Heights? Type of turbine? Size per turbine? Etc
- Which type of solar PV: standard? Bifacial?
 Monocrystalline/Polycrystalline? Etc



Detail the project's site

- Where do you plan to install the project?
 - Do you own the site?
 - Do you have all the permits?



Clarify your assumptions

- Expected yearly average FLH
 - P50
- Solar irradiation / Wind yield expected



Tips for clear writing: business model



Clarify your business model

- Capital costs? Revenues? Financial rate of return?...



Detail the expected contractual arrangements

- PPA? Market?
- Engineering, procurement, construction contract (EPC)?
 - Future ownership of the project?



Tips for clear writing: operational aspects



Technical know-how:

- Company's experience in similar projects? Team in charge? Need for external expertise?



Roles and responsibilities

- If consortium, who does what?







Deadline: Are you on track to submit your proposal by 4th March 2025 at 17:00 (CEST – Brussels time).

 Don't forget to submit your application before the deadline, verify that your proposal was correctly submitted

Don't leave submission for the last day!



...submit all mandatory annexes



Proof read your proposal

- Do one last check to ensure that your proposal is clear and easy to follow and explains issues, including local context, that may be evident to you
- Make sure that your proposal is precise and clearly responds to the questions asked



Applicant's checklist (2)

June-December 2025



Launch of the **Grant Agreement** preparation and signature.

May 2025





30 July 2024





Call Closure and start of the evaluation of project proposal

04 March 2025





Relevant resources



General information:

CINEA-RENEWFM



<u>Link</u>

Portal:

Funding & tender opportunities



Link









How to submit a proposal in the EU Funding & Tenders portal

Gloria BARILARI

Evaluation Manager

CEF Energy and RENEWFM, CINEA



Before creating a proposal

1) Applicants must have an EU login account (former ECAS)

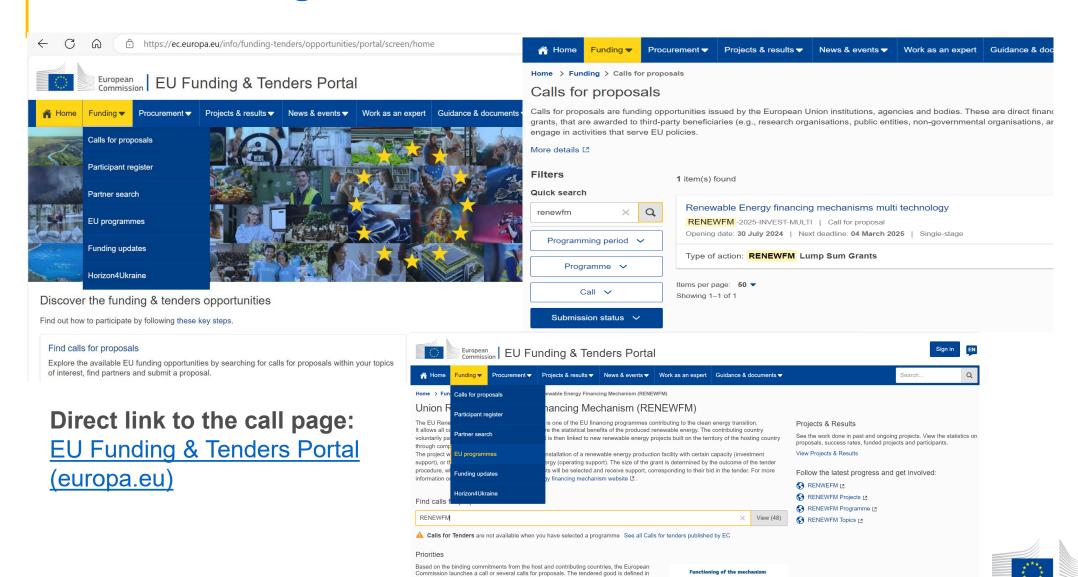
<u> https://webgate.ec.europa.eu/cas/eim/external/register.cgi</u>

2) All applicant entities must have a PIC (Participant Identification Code)

Existing PICs should be up-to-date – LEAR included



EU Funding & Tenders Portal

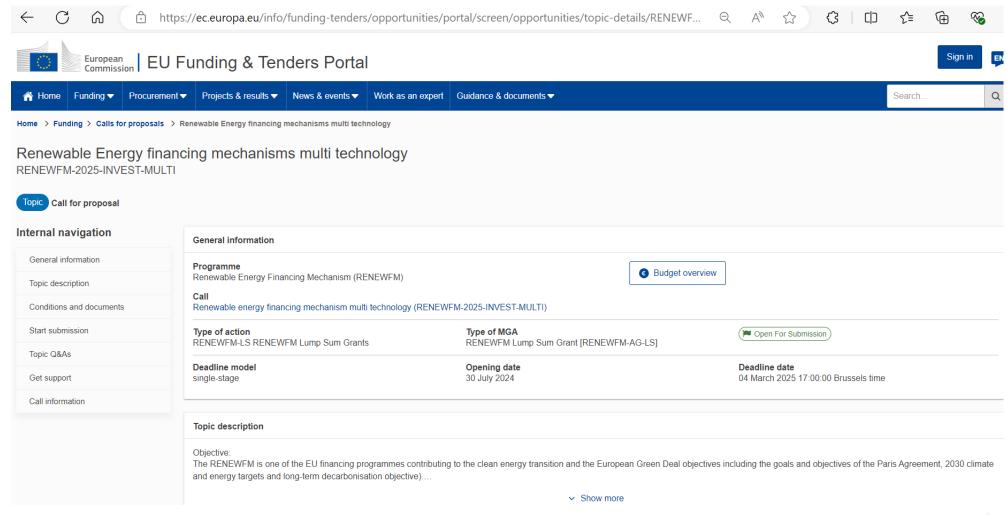


terms of capacity (MW) or production (MWh) and the tender volume is defined in terms of

budget (€). Depending on the specific call design, it may be technology specific or multitechnology. The call documents include these and other specifications of the tender. thus://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes_id_targeted European

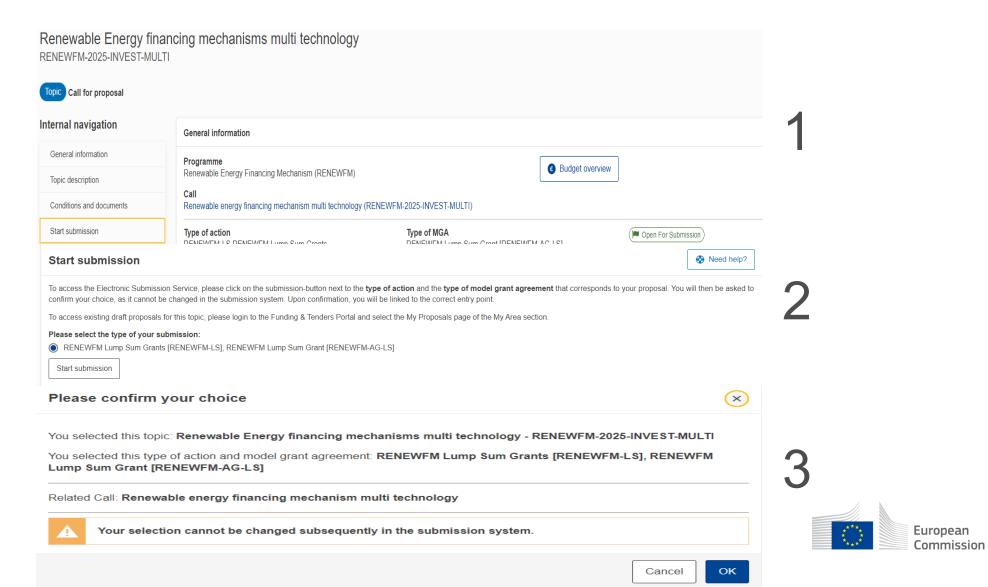
Commission

Topic page

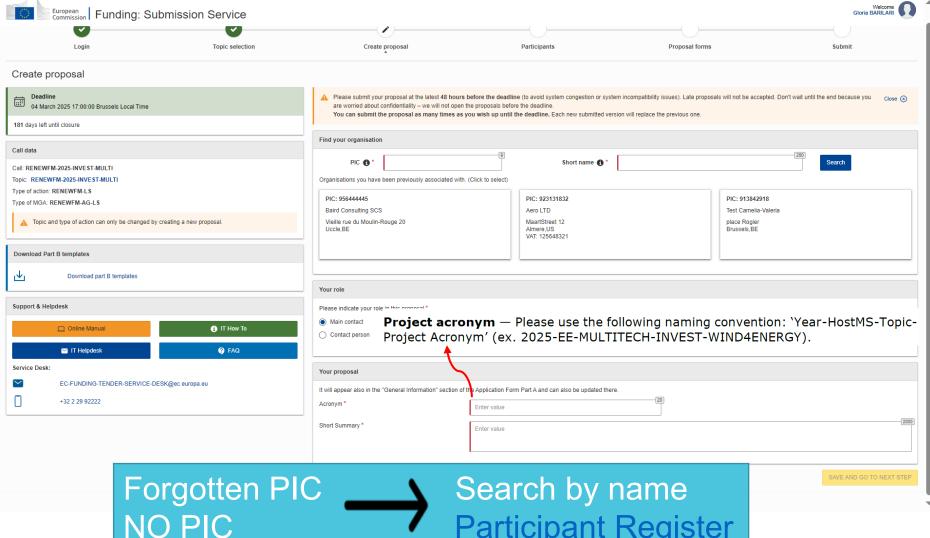




How to apply – submission service



How to apply - Creating a proposal



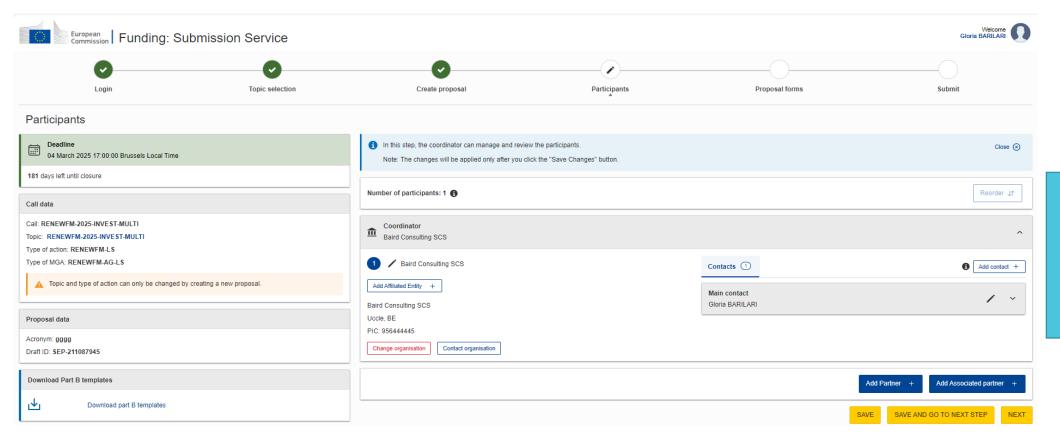
State the role in the proposal

Fill in the acronym and short summary

Participant Register



Creating a proposal - Participants



Add partners if needed



Types of partners

Beneficiary

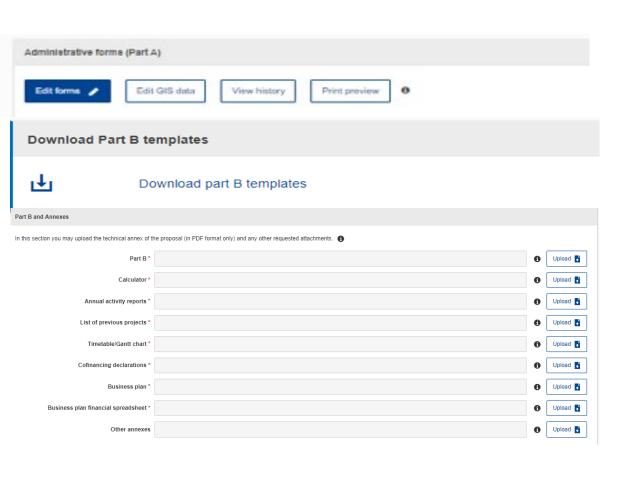
Article 7 GA

- Signs the Agreement and has all rights and obligations
- If several beneficiaries, it is mandatory to designate a coordinator
- The beneficiaries which are not coordinator must accede to the grant by signing the accession form (see Annex 3) directly in the Portal, within 30 days after the entry into force of the Agreement

Affiliated entity Article 8 GA

- Must implement the action tasks attributed to them in Annex I and can declare costs under the same conditions as the beneficiaries
- Must have 'a link with the beneficiary, in particular a legal or capital link' (Article 187 (1)(b) of the EU FR
- Must satisfy the eligibility criteria and do not fall in one of the exclusion criteria
- The beneficiaries must ensure that all their obligations under the GA also apply to their affiliated entities

Creating a proposal – application forms



Part A

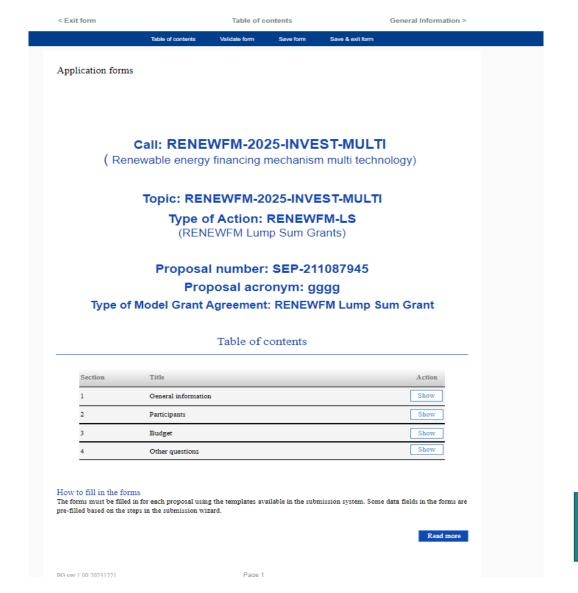
Administrative form to be filled in online

Part B and annexes

- Part B: Technical part to be downloaded from the system, filled in offline, and uploaded as a PDF
- Annexes: to be downloaded from the system, filled in offline and uploaded



Part A – Administrative form



Project acronym — Please use the following naming convention: 'Year-HostMS-Topic-Project Acronym' (ex. 2025-EE-MULTITECH-INVEST-WIND4ENERGY).

Part A includes:

- 1. General information
- Proposal acronym and title, duration, abstract
- Declarations
- Participants Fill in organisational and contact information for each participating organisation
- Budget
- 4. Other questions

SAVE + VALIDATE

To be filled in online



Part B – technical description

Call: [insert call identifier] - [insert call name]

II Grante: Application form (DENEWELL): 1/2 // 15 //0 2022

TECHNICAL DESCRIPTION (PART B)

COVER PAGE

Part B of the Application Form must be downloaded from the Portal Submission System, completed and then assembled and re-uploaded as PDF in the system. Page 1 with the grey IMPORTANT NOTICE box should be deleted before uploading.

Note: Please read carefully the conditions set out in the Call document (for open calls: published on the Portal). Pay particular attention to the award criteria; they explain how the application will be evaluated.



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ADMINISTRATOR FORMA (DART A)

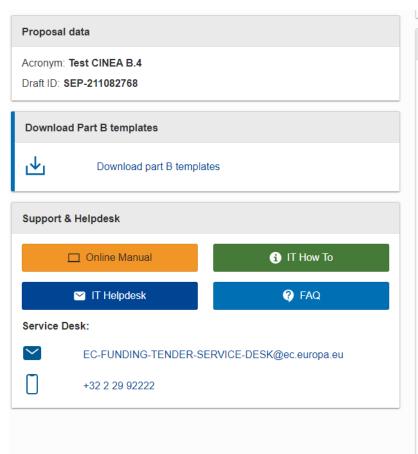
ADMINISTRATIVE PORTS (FARTA)	
TECHNICAL DESCRIPTION (PART B)	
COVER PAGE	
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Work Package 2	25

Part B is the description of the action and the technical content of the proposal

Download the mandatory Word template from the submission system, fill it in and upload it as a PDF, together with the other annexes



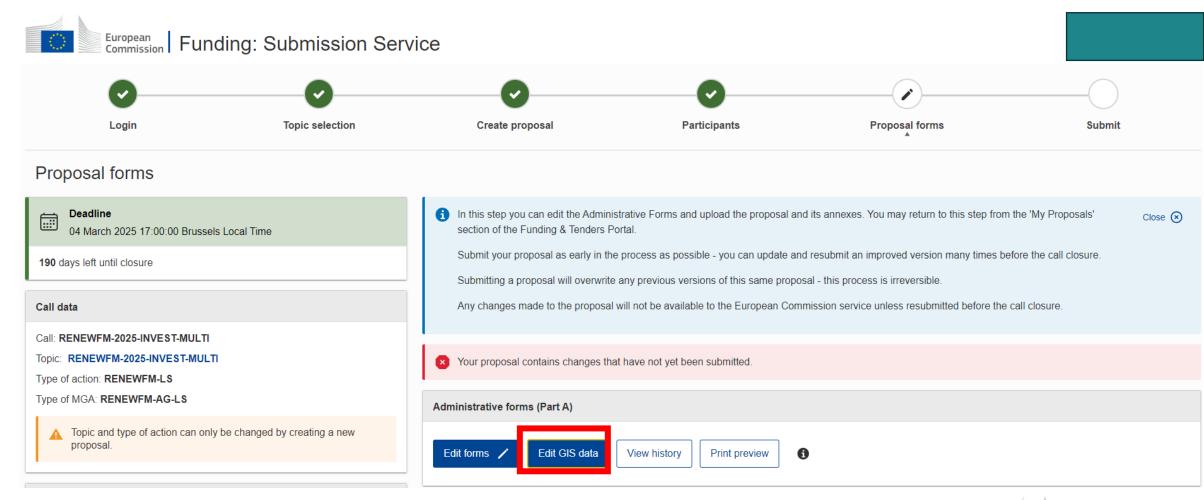
Mandatory documents - EU F&T portal



Part B and Annexes			
In this section you may upload the techn	ical annex of the proposal (in PDF format only) and any other requested attachments.		
Part B*		•	Upload 🚡
Calculator *		0	Upload 🔓
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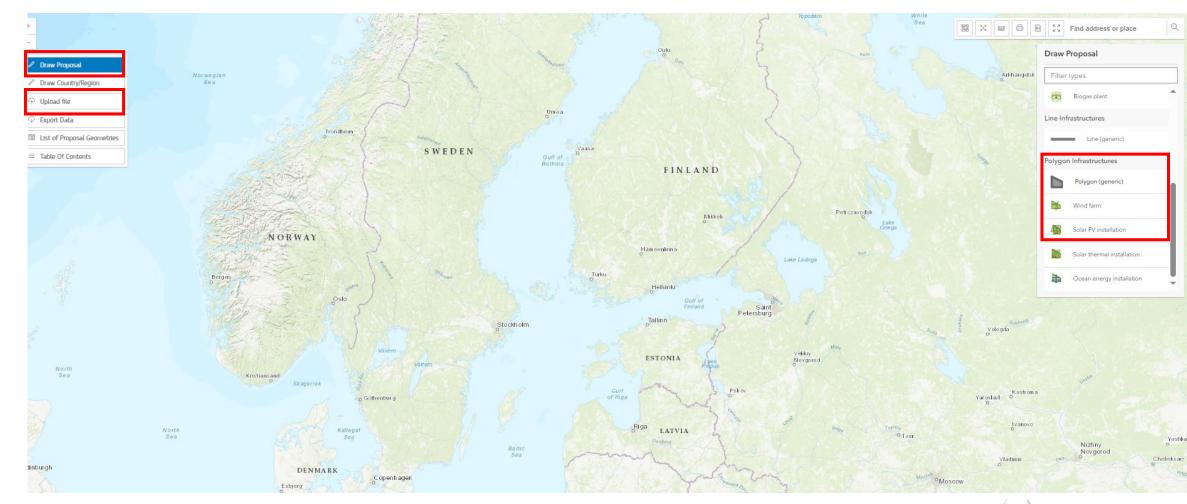


GIS data





GIS data





Questions

- Topic related Q&As: <u>Call page</u>
- Programme related FAQs: <u>FAQs RENEWFM</u>
- RENEWFM team in CINEA: <u>CINEA-RENEWFM@ec.europa.eu</u>
- For technical questions: <u>General FAQs</u> or <u>Helpdesk & Support</u>
- Online manual







After selection:

Grant Agreement preparation, reporting provisions and grant payment

Gianluca FERRERI

Programme Coordination manager

CEF Energy CB RES and RENEWFM, CINEA



Grant agreement preparation

- Grant preparation will involve a dialogue in order to fine-tune technical or financial aspects of the project and may require extra information from your side.
- Kick-off meeting will be held where all questions will be addressed and a project development calendar will be agreed up. (work packages, report period etc)
 - The Model Grant Agreement that will be used (and all other relevant templates and guidance documents) can be found on Portal Reference Documents.

Financing breakdown, conditions of disbursement and reporting requirements



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- After the commissioning, every year projects have to report their yearly generation via a deliverable.
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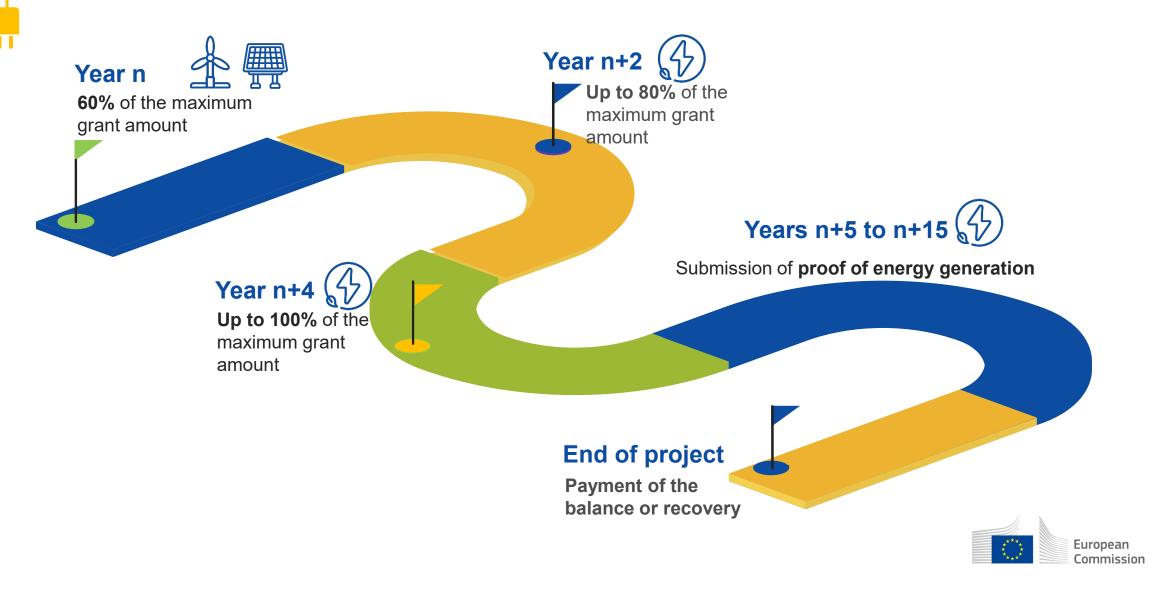
 The interim payments are done within 60 days of the end of the reporting period upon approval of the period report and proof of energy delivery.





Milestones for grant disbursement

n= year of commissioning



Thank you



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European Climate, Infrastructure and Environment Executive Agency

Questions & Answers

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To keep in touch with CINEA



cinea-renewfm@ec.europa.eu



CINEA - European Climate, Infrastructure and Environment Executive Agency





CINEATube

