

Webinar on CEF Cross-Border Renewable Energy Projects

13 February, from 10.00 to 12.00

Join us online!



AGENDA

- CB RES Virtual Info Day

10:05

CB RES in the context of the Green Deal Objectives

10:20

CEF Energy and the CB RES programme

10:40

Eligibility for CB RES and planned calls 2023

11:25

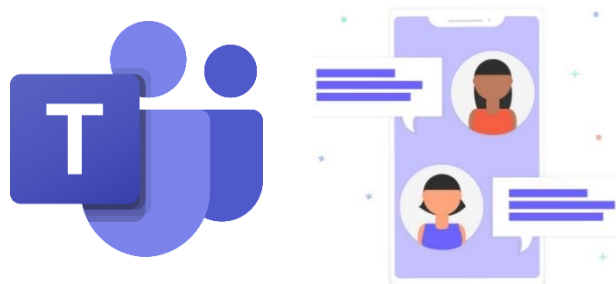
Examples of 2022 CB RES projects

11:40

Q&A with participants

House keeping rules

- Keep your microphones muted
- During the event you can post your questions directly in the Teams chatbox :



- There will also be an open mic session at the end of the workshop where you can ask questions directly.



CB RES in the context of the Green Deal Objectives

Vasil STOYNOV, Unit C.1 Renewables and
Energy System Integration Policy, DG Energy

CB RES Workshop

13th of February 2023



Transforming EU economy and society to meet climate ambitions

- On 14 July 2021, the European Commission adopted a set of proposals to make the EU's climate, energy, land use, transport and taxation **policies fit 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** in electricity production and **greater energy efficiency**.



REPowerEU

- A roadmap to reduce the dependence on Russian fossil fuels and fast forward the energy transition
- Based on **3 pillars**:



Energy saving and energy efficiency



Massive acceleration of investment in renewables



Diversification of our energy supplies



Role of renewables and CB RES

- REPowerEU proposal from May 2022 for **increased EU target for renewable energy by 2030 – 45%, together with streamlining of permitting procedures**
- **Emergency regulation** from December 2022 to accelerate the deployment of renewable energy sources
- **Rapid roll out of solar and wind energy projects** combined with renewable hydrogen deployment to save around 50 bcm of gas imports – role of CB RES projects





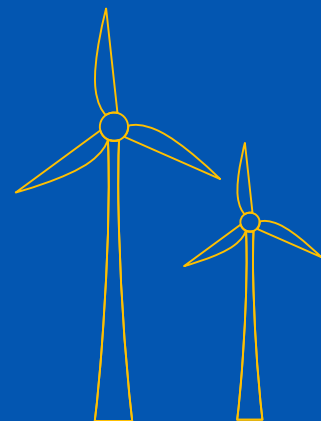
CEF Energy and the CB RES programme



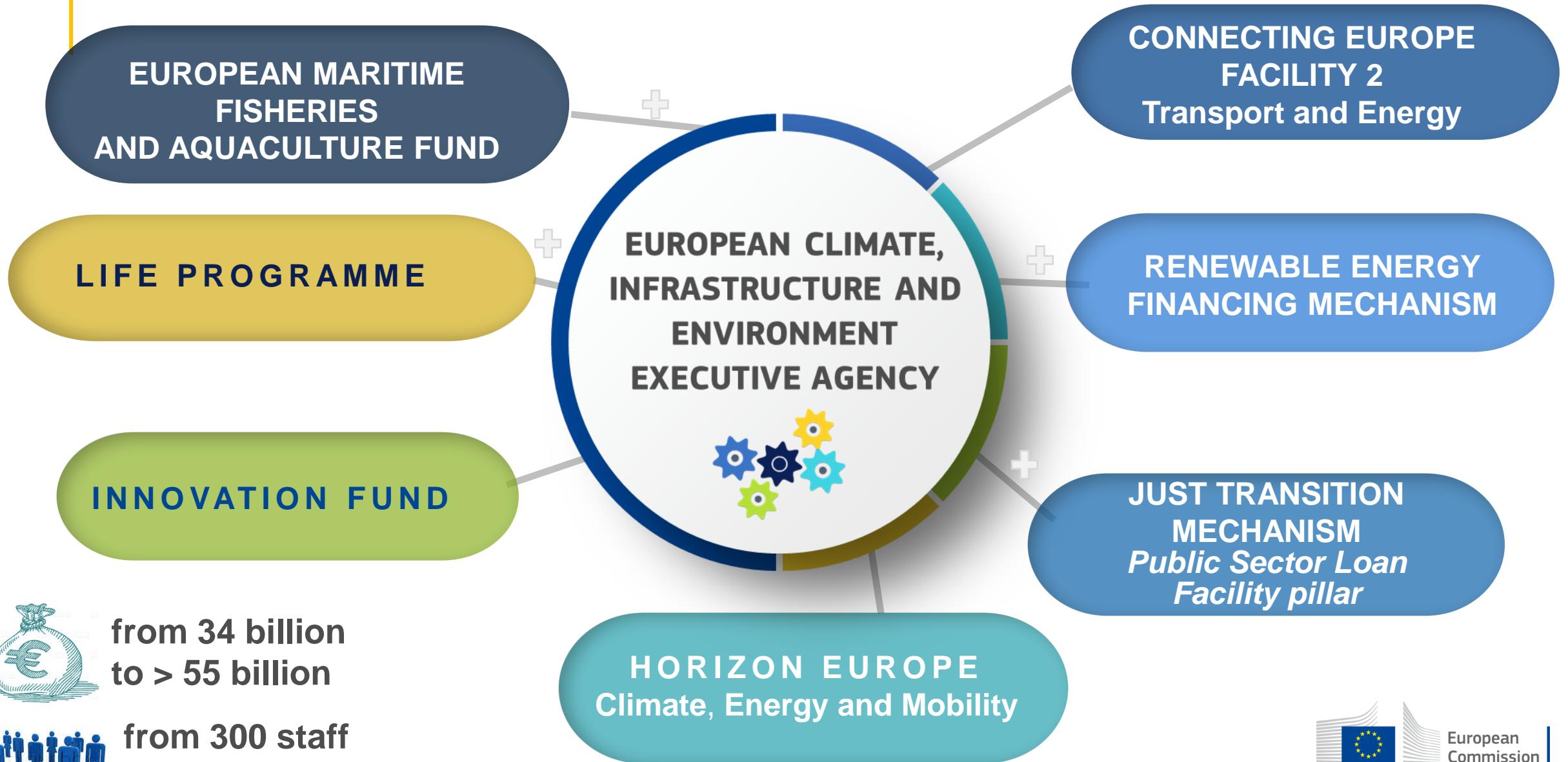
Beatrice CODA, Head of Unit B4, CEF Energy
CINEA

CB RES Workshop

13th of February 2023



CINEA's key contribution to the European Green Deal

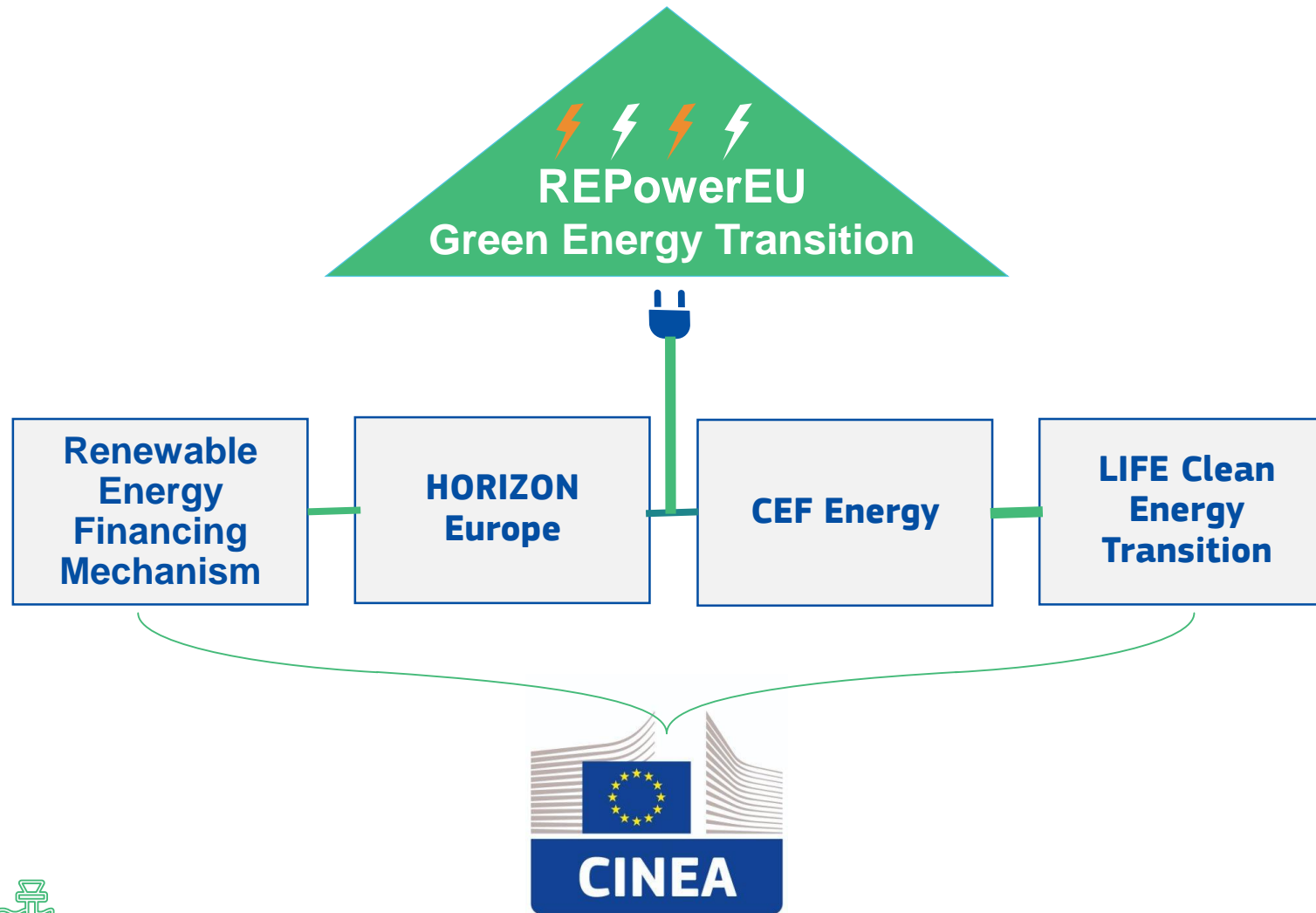


from 34 billion
to > 55 billion



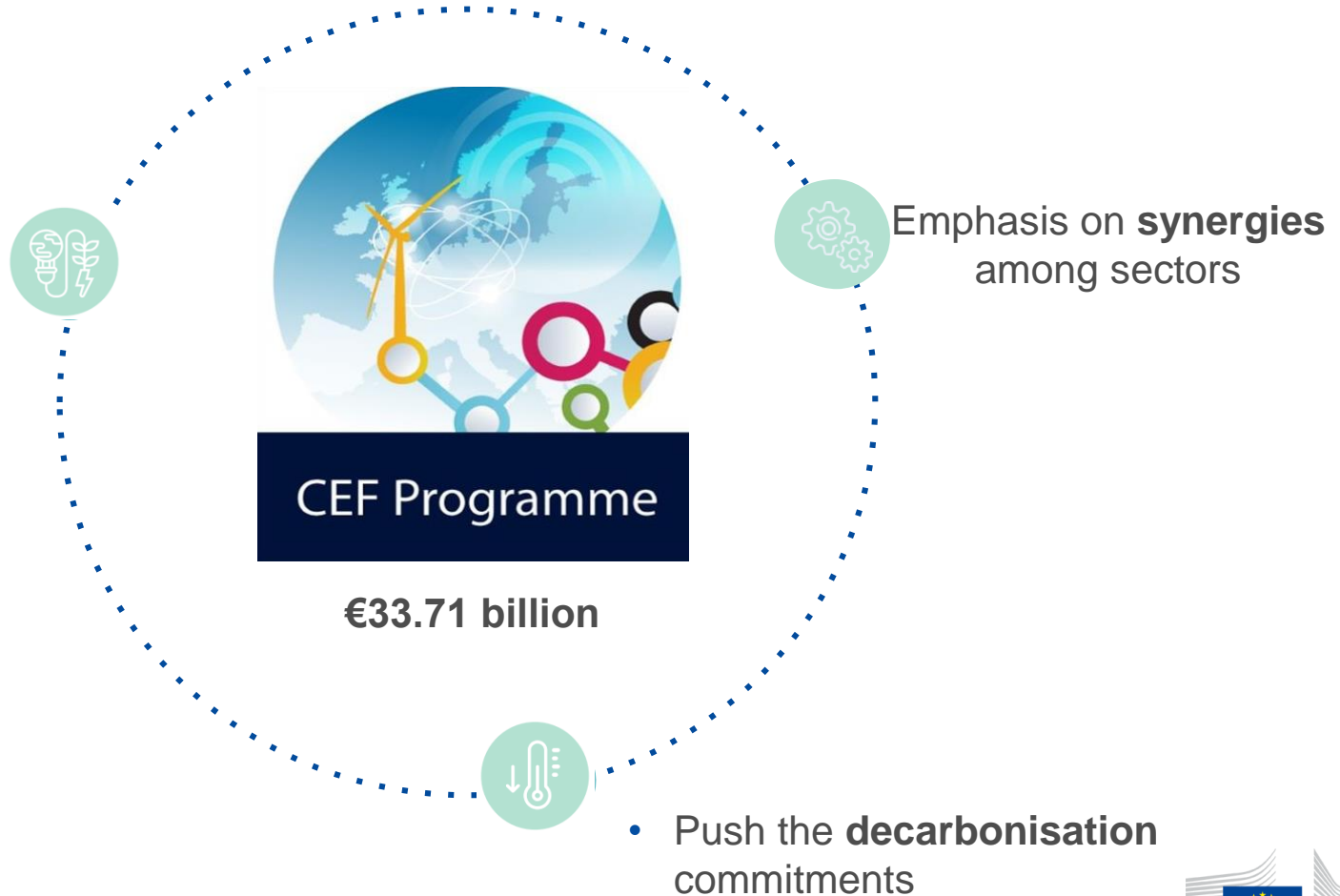
from 300 staff
to > 500 in 2027

EU FINANCING: Key financial mechanisms for the energy sector



Connecting Europe Facility (CEF) 2021- 2027

Develop and modernise the **trans-European networks** in the fields of transport, energy and digital



** Including CEF Digital managed by HaDEA*

Connecting Europe Facility (CEF) 2021- 2027



CEF CB RES programme

Budget

Up to 15% of the total CEF energy budget (**875m€**), subject to market uptake.



Legal Basis

- Renewable Energy Directive – (EU) [2018/2001](#) (RED II)
- CEF Regulation - No [2021/1153](#)
- Commission Delegated Regulation (EU) [2022/342](#)
- Commission SWD [\(2021\) 429](#)

Objectives of the new CEF window for cross-border projects in the field of renewable energy (**CB RES**)

Joint planning, development & cost effective exploitation of renewables and **EU target achievement**



Promoting **cooperation** between Member States and also 3rd countries based on mechanisms in RED II



Facilitate RES integration through **energy storage** and conversion facilities



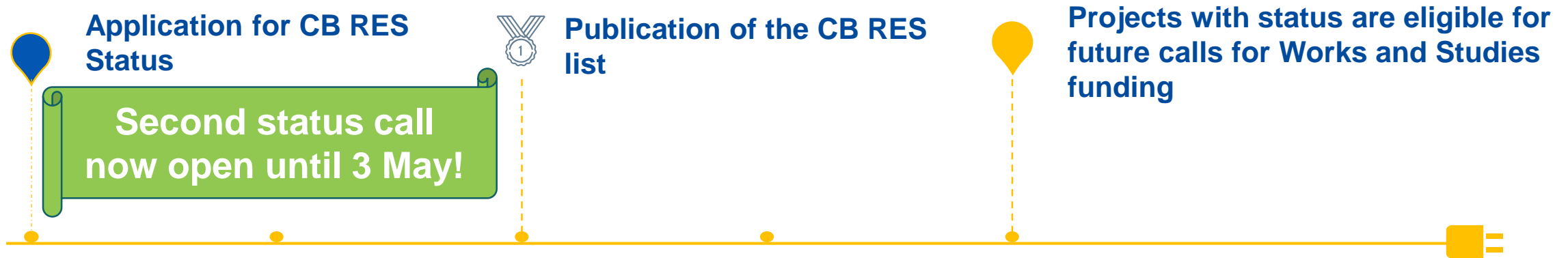
Contribute to strategic uptake of **innovative renewables technologies**



Contribute to the EU's Long Term **Decarbonisation** Strategy



CB RES Process



Eligible projects include:

- Renewables generation based on any renewable energy source
- All sectors – electricity, transport, Heating & Cooling
- Storage / IT systems/ grid connection, **provided** it forms an integral part of the project, effectively enable the integration of and are ancillary to a renewables generation facility

Note also:

- No pre-defined capacity thresholds, locations or technology type in [CEF regulation](#).



Funding is also available for Preparatory studies

No CB RES status is required. This is designed to provide financial support to overcome obstacles which prevent cooperation projects from going ahead, such as:

- technology surveys
- cost linked to cooperation mechanism implementation
- cost estimation reports
- environmental survey

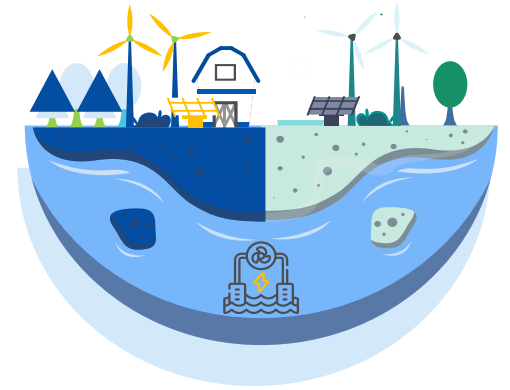


Next call for preparatory studies will open in **September 2023 (tbc)**

➡ A recording of the Info previous day is also available following this [link](#).



Points of attention



- The “**cross-border**” nature of a project may or may not be physical.
- The cooperation agreement may be harder to set up than the technical part of the project, it is essential to work with Member States early on.



Eligibility for **CB RES** and planned calls 2023

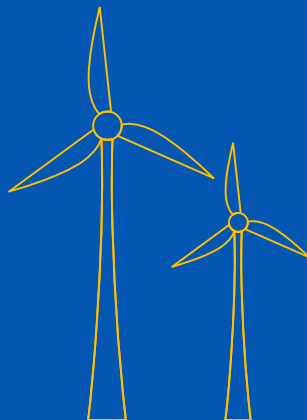
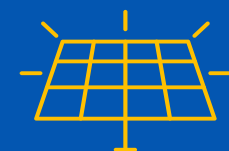


Gianluca FERRERI, Head of Sector

UNIT B.4 - CEF Energy and Renewable Energy Financing Mechanism

CB RES workshop

13th of February 2023



What projects are eligible for financing ?

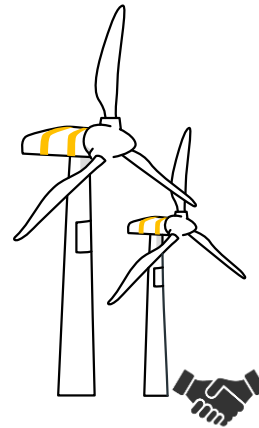
(Art. 3 of Delegated Regulation)

Joint Projects as per Renewable energy directive

Individual project

Physical cross-border with impact

e.g. dispatchable power in country A reducing grid congestion in country B



Individual project

No physical cross-border impact

e.g. two distant countries jointly financing a wind offshore park

Multiple projects

Not necessarily physical cross-border impact

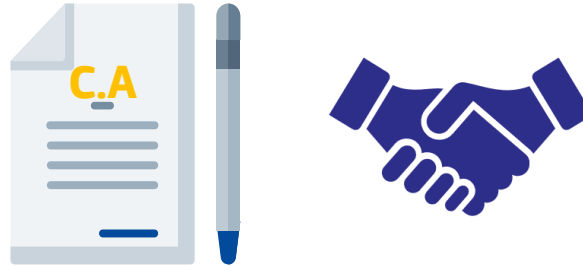
e.g. joint support scheme (usually in connection with statistical transfer)



General criteria of eligibility for CB RES status

1. **Cooperation agreement** or any other kind of arrangement (e.g. letter of intent expressing willingness to cooperate)
2. **Cost savings or benefits [...]** in comparison to a similar project implemented by one Member States alone
3. Potential overall **benefits** of cooperation **outweigh its costs**

Proof of Cooperation



Written declaration of the participating Member States:

- ⇒ Expressing the **willingness to cooperate**
- ⇒ **no specific format,**
- ⇒ **signed by the Ministries**
- ⇒ Or by the **sub-national level** (e.g. Land, Region, etc) if has the **competency** in the domain.

CBA showing socio-economic net benefits

Art. 5 of the delegated regulation supplementing the CEF Regulation

Estimation of the socio-economic net benefits

- Cost-benefit analysis (CBA) based on CBA methodology set out in the Commission staff working document [\(2021\) 429](#).
- Comparison to a similar project or renewable energy project.



Compliance with selection criteria: eligible technologies, components and investments

- Project concerns **energy generation** technologies based on any of the **renewable energy sources** listed in Directive [\(EU\) 2018/2001](#) (art.2).
- Any **additional components** (apart from RES generation) form an **integral part** of the project, **enable the integration** of and **are ancillary** to the RES generation.



Technologies, components and investments: **Eligible scenarios**

✓ • Scenario 1

The proposal concerns only renewable energy (RES) **generation**.

The RES components are in the list of article 2 of RED II.

E.g. Geothermal plant; Hydropower station; biomass plant; on shore or offshore wind project; RES electricity installation for H2 production

✓ • Scenario 2

The proposal concerns renewable energy (RES) **generation and transmission/storage**.

The RES components are in the list of article 2 of RED II.

E.g. Offshore wind project with connectors to the grid; H2 electrolyser from RES generation + H2 transmission, etc..



Technologies, components and investments: **Non-eligible scenarios**

✗ • Scenario 3

The proposal concerns **only** renewable energy (RES) **transmission or storage.**

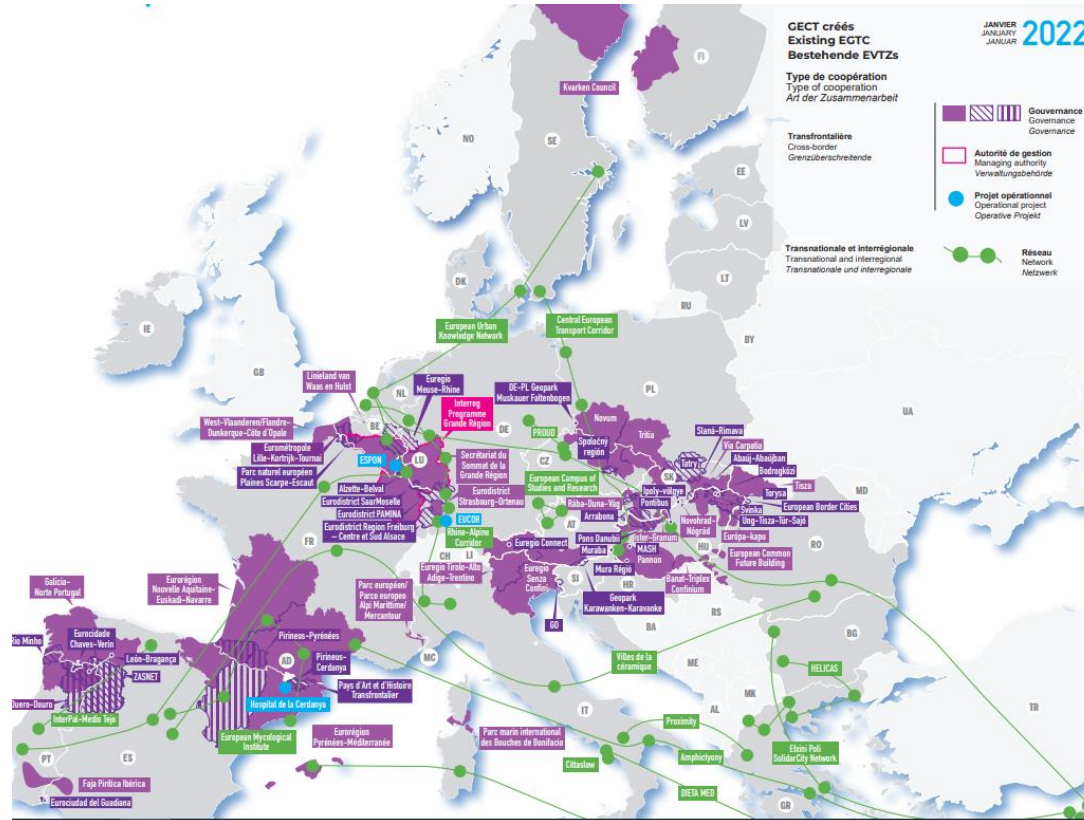
Eg. Hydrogen pipeline without generation, electricity grids, e-ammonia storage, battery system etc...

✗ • Scenario 4

The proposal **does not** concern renewable energy, even though it contributes to climate mitigation efforts.

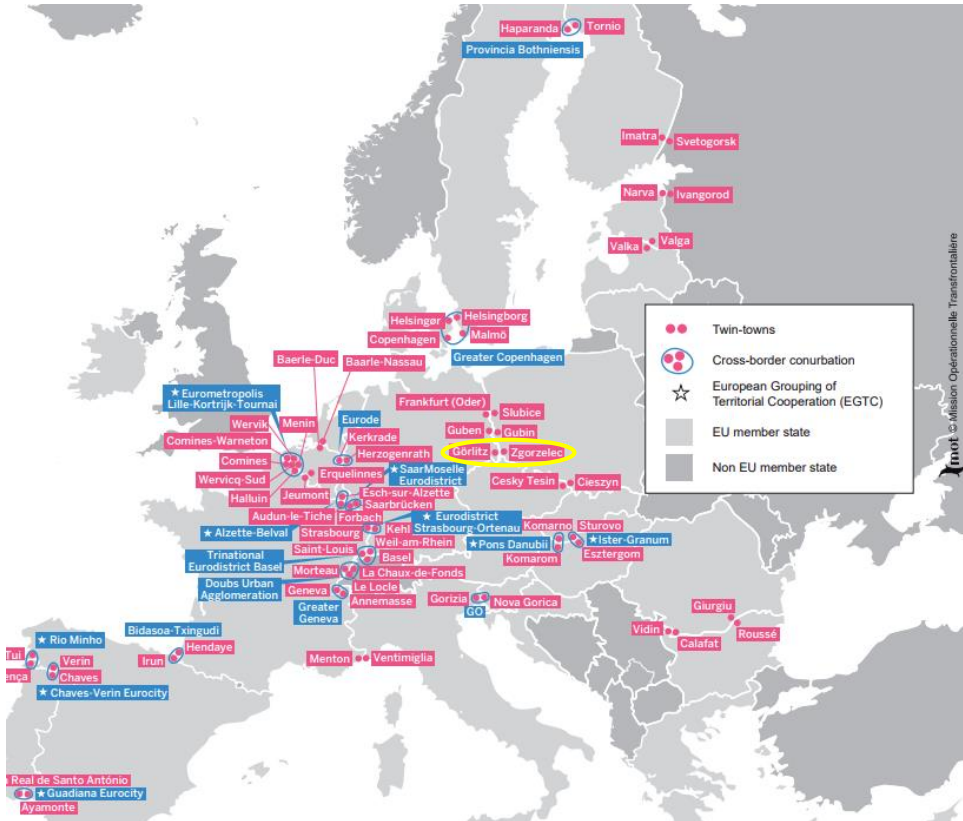
Eg. Carbon Capture project (without RES); CO2 pipelines; Energy efficiency retrofitting etc..

CB RES for Cross border regions



- Cross-border district heating projects at NUTSIII level
- Cross-border renewables installations (e.g on-shore wind, solar parks)
- Green hydrogen value chain projects

CB RES for Cross border urban territories



- Cross-border district heating projects at municipalities level
- Cross-border renewables installations (e.g. on-shore wind, solar parks)
- Cross-border RES projects to decarbonise heavy industry

What can the CEF CB RES Programme do for your region?

- Step up in the cross-border regional cooperation by widening it to the energy field
- Leverage on existing historical cooperation, e.g. developed via Interreg
- Scale-up pilot projects on RES generation via accessing to CEF funding

Why is CEF CB RES Programme fit for regions and cities? Because...

- Renewable energy generation is decentralised by nature
- Regions and cities have the knowledge of their territories, their assets and needs
- Regions and cities are frontrunner of the cross-border cooperation, e.g. through 30 years of Interreg programmes

CB RES types of call



Call for Preparatory Studies

- Next opening: Sept 2023 (tbc)
- No CB RES status needed
- Support to development of early phase project idea
- Letter of support at MS or regional level if competent



Call for the CB RES status

- Currently open call until 3 May 2023
- Next call: November 2023



Call for works and Studies

- Condition to apply: be selected for CB RES status
- Next call: November 2023

Examples of 2022 CB RES Projects

Paul Grandeau

UNIT B.4 - CEF Energy and Renewable Energy Financing Mechanism

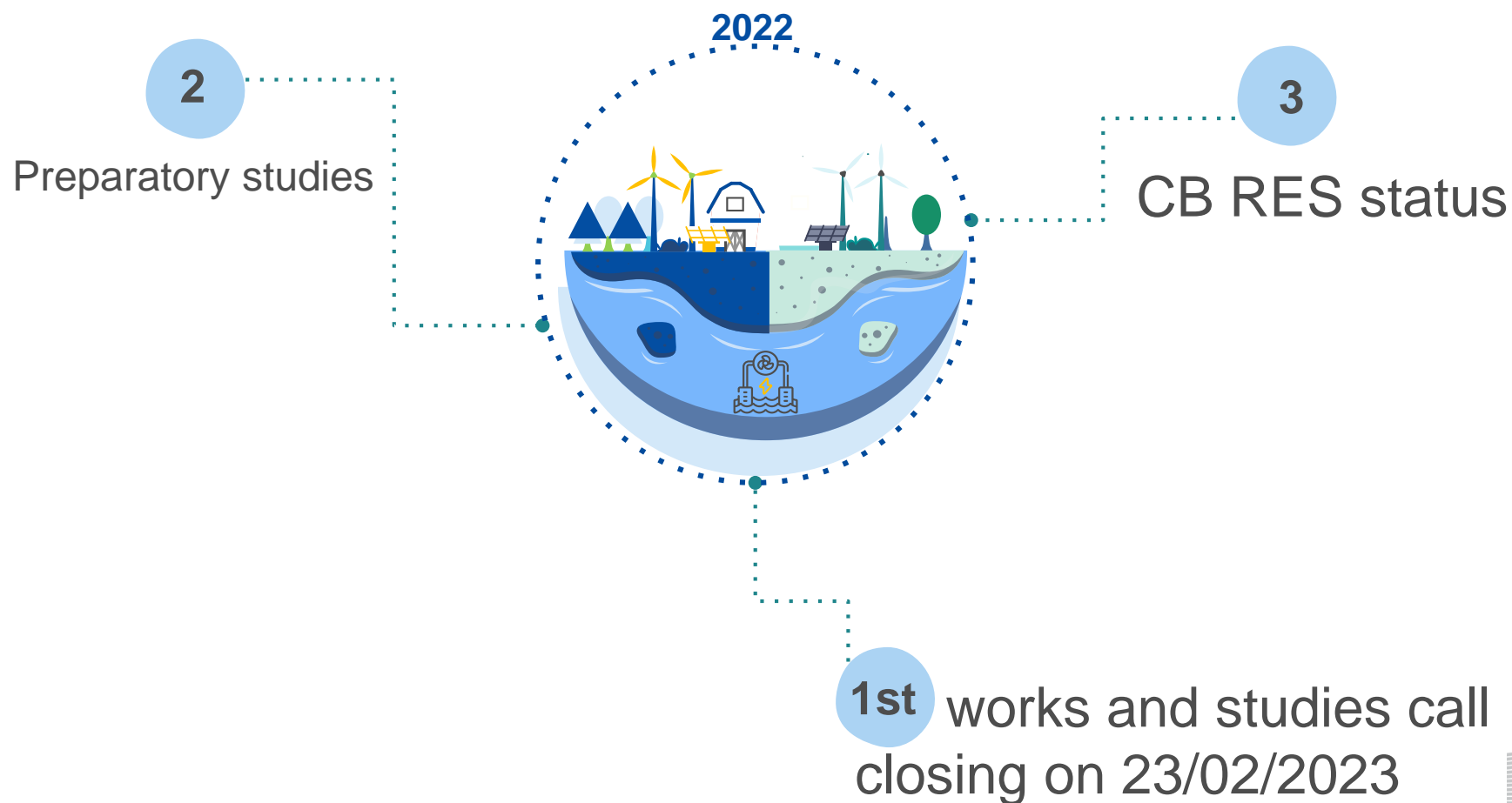


CB RES workshop

13th of February 2023



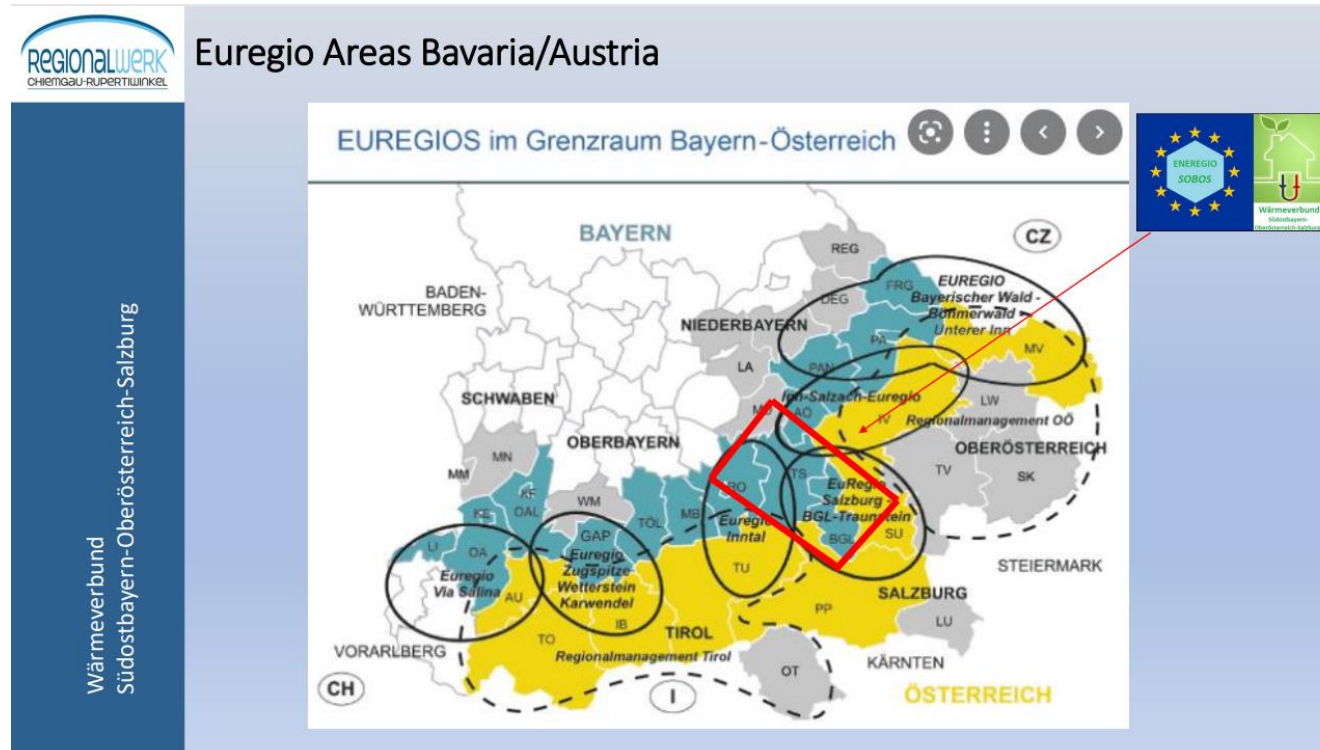
Selected projects in the first round of calls 2022



2 Preparatory studies selected in 2022

ENEREGIO SOBOS

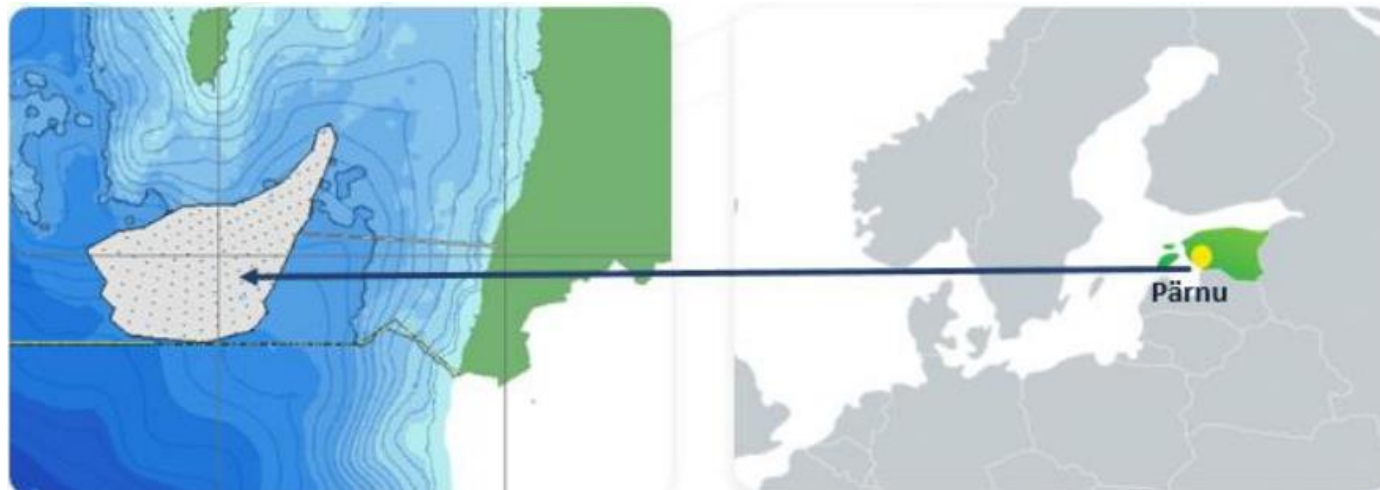
Cross-regional zero carbon
district heating



2 Preparatory studies selected in 2022

GORIO

Hybrid Offshore project in the
Baltic



3 projects acquired the **CB RES** status in the 2022 call



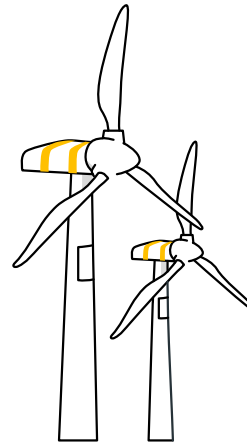
Goerlitz-Zgorzelec

Cross-border zero carbon district heating



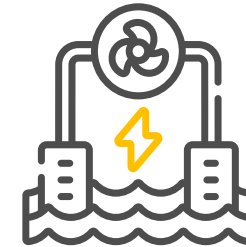
ELWIND

Hybrid Offshore project in the Baltic



CICERONE

Cross-border European Green hydrogen value chain

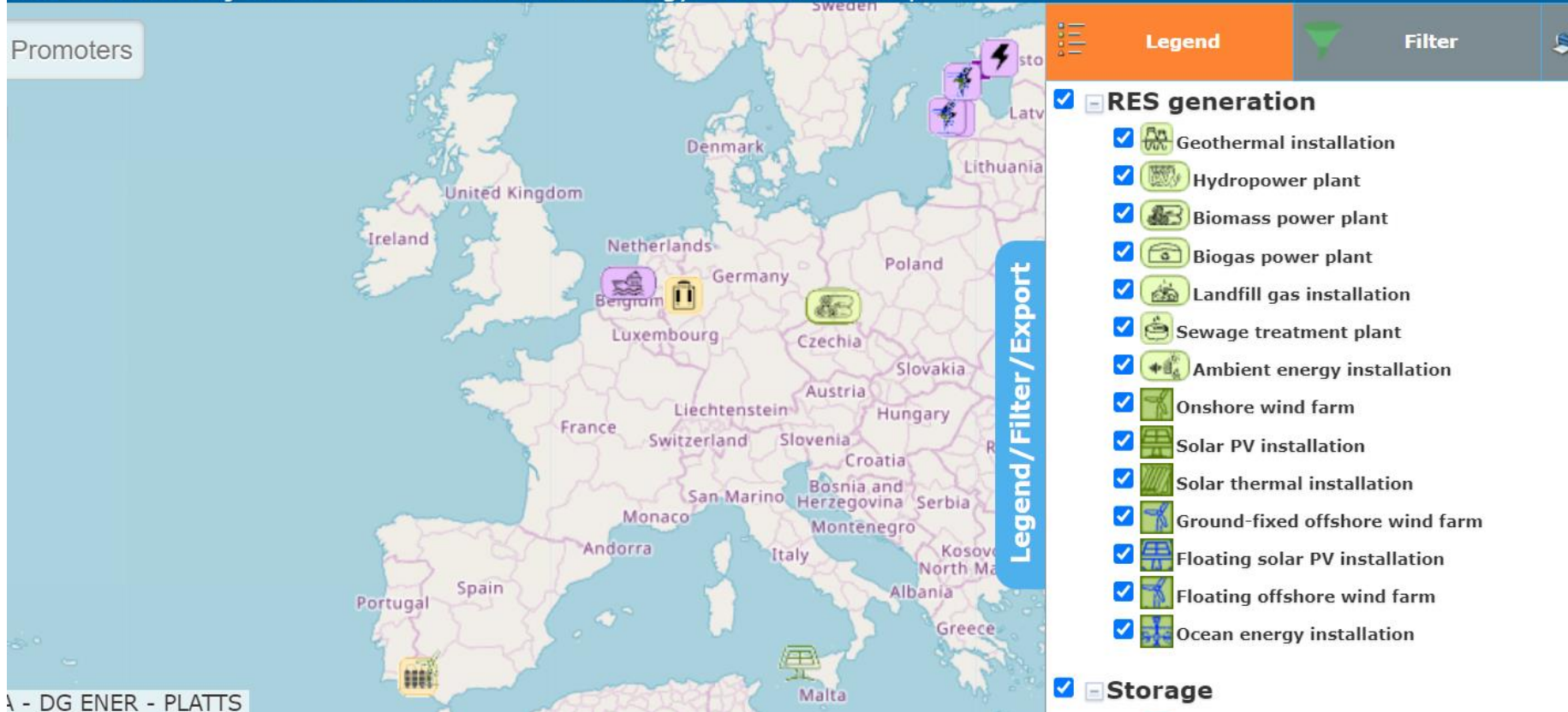


CB RES Transparency platform

CLIMATE, INFRASTRUCTURE AND ENVIRONMENT EXECUTIVE AGENCY / ENERGY

CB RES Transparency Platform

Cross-Border Projects in the field of renewable energy – Interactive map

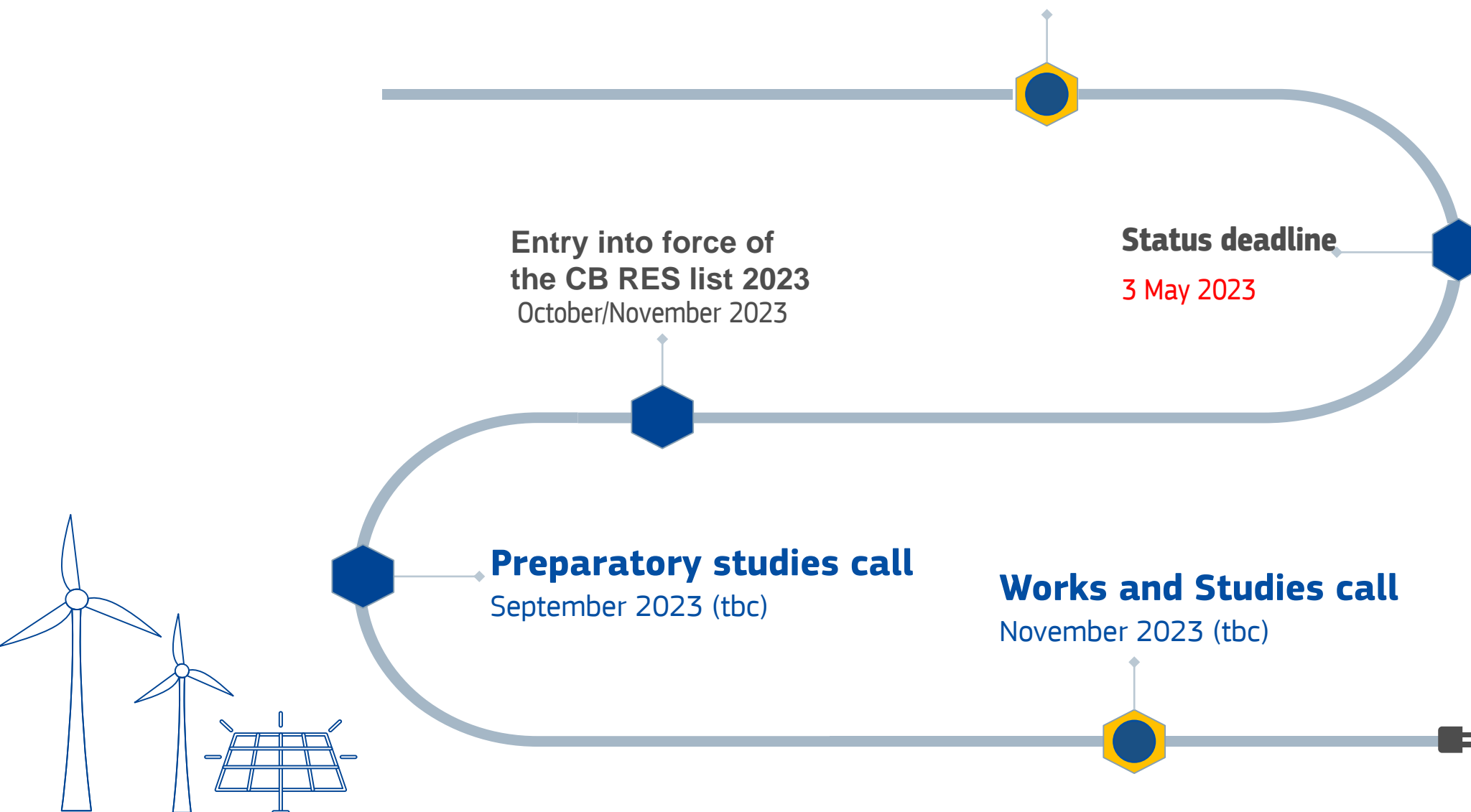


[Link](#)

Indicative timeline

CB RES Status

10 January 2023

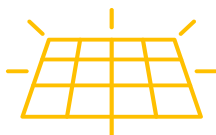


Relevant resources

CEF CB RES programme



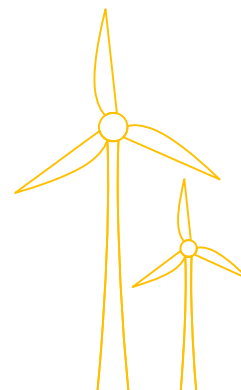
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CB RES status call

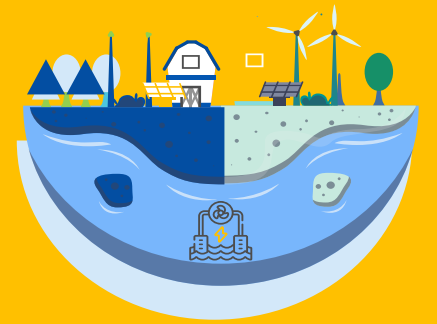


[Link](#)



Q&A

Feel free to open your mic



To keep in touch with CINEA



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[CINEA - European Climate, Infrastructure and Environment Executive Agency](#)



[@CINEA_EU](#)



[CINEATube](#)



[cinea.ec.europa.eu/](#)

Thank you



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