

WindEurope Quarterly Newsletter on EU Research and Innovation policy, Funding Opportunities and Projects

December 2022

Upcoming EU Funding Opportunities and Research & Innovation policy



The Horizon Europe Work Programme 2023-2024 is out! The EU's funding programme for Research & Innovation will pledge €13.5 billion to support researchers and innovators in Europe pursuing breakthrough solutions to environmental, energy, digital and geopolitical challenges.

There are five specific calls for projects on wind energy being launched:

- [Critical technologies for the offshore wind farm of the Future](#)
- [Digital twin for forecasting of power production to wind energy demand](#)
- [Critical technologies to improve lifetime, efficient decommissioning and increase the circularity of offshore wind energy systems](#)
- [Minimisation of environmental and optimisation of socio-economic impacts in the deployment, operation and decommissioning of offshore wind farms](#)
- [Demonstrations of innovative floating wind concepts](#)

But wind energy is also mentioned in other calls. [Here](#) you will find the full Work Programme on Climate, Energy and Mobility.

On 15 and 16 December the Horizon Europe Info Days for Cluster 5, dedicated to climate, energy and mobility, will take place online.

To attend the Info Days and learn more about the funding options under the new Work Programme, register now through [this link](#).

A brokerage event will be held on 15 December, giving future project partners the chance to network, through a pitching session and bilateral meetings. More info and registration [here](#).

The Commission is currently in consultation on the next strategic priorities for the Horizon Europe Work Programme 2025-27. Have your say [here](#).

For more information contact: [Capucine Vainnoorenberghie](#).



The [third call for large-scale projects under the Innovation Fund](#), opened on 3 November with a total budget of €3 billion. This Fund aims at supporting innovative clean tech projects to help deliver REPowerEU and accelerate Europe's green transition.

This third call reflects the REPowerEU plan priorities across four topics:

1. General decarbonisation (budget: €1 billion)
2. Electrification in industry and hydrogen (budget: €1 billion)
3. Clean-tech manufacturing – (budget: €0.7 billion)
4. Medium sized pilot projects – (budget: €0.3 billion)

Under the clean-tech manufacturing window, funding is available for manufacturing components for renewable energy: hydrogen production and energy storage, as well as for final equipment for renewable energy, energy storage, heat pumps etc.

Proposals will be evaluated according to the five usual criteria under the Innovation Fund, but with adjusted weights tailored for this call:

- Degree of innovation – with a higher weighting for topics 3 and 4.
- Greenhouse gas emissions avoidance potential – with relative greenhouse gas emissions avoidance awarded more points than absolute emissions.
- Project maturity – with a focus on the technical feasibility of greenhouse gas emissions avoidance, credibility of the business model and credibility of the project implementation plan.
- Scalability - market potential regionally, sectorial and economic.
- Cost-efficiency - funds requested per tCO₂ avoided. In this 3rd call, more points can be scored.

The deadline to submit projects for the 3rd call is 16 March 2023.

You can access the call requirements and find all relevant information about the procedure at the Commission's funding and tenders portal [here](#). Recordings of the Info Days are available [here](#).

For more information contact: [Iván Pineda](#)



The Commission launched several calls under the [Digital Europe Programme](#) to boost the EU's cybersecurity resilience.

€176.5 million of EU funding is available for tools and infrastructure to strengthen cybersecurity, including [support for implementing the NIS Directive Implementation and National Cybersecurity Strategies](#), as well as [Testing and Certification Capabilities](#).

Visit the EU funding and tender opportunities portal [here](#) for more information about the calls and how to apply.

The deadline for proposals is 15 February 2023.

For more information on this call and cybersecurity issues, please contact [Yaiva Indilalte-Girtze](#).



Three CEF calls are still open with deadlines in early 2023:

- [CEF Energy 2022 – Call for Preparatory Studies for Cross-border Renewable Energy Projects](#)

Deadline: 23 January 2023.

Through this call €1 million is available to support both EU Member States and private project promoters in selecting the best project concept and setting up the cooperation agreement.

- [CEF Energy 2022 - Cross-border renewable energy studies \(CB RES\) projects](#)
- Deadline: 23 February 2023.
- €3 million is available to support project promoters to carry out and implement works (development, construction and installation activities) related to a CB RES project and studies needed to prepare cross-border RES project implementation (mapping, feasibility, evaluation, testing and validation studies).
- An Info Day dedicated to this call was organised in November by CINEA. Did you miss it? You can find the recording and presentations [here](#).

- [CEF Transport 2022](#)

Deadline: 18 January 2023.

A total of €5.12 billion is available for projects targeting new upgraded and improved transport infrastructure. Maritime and inland ports are eligible for funding under the maritime and inland waterway cluster, which also covers basic port infrastructure, facilities linked to offshore wind farms, and shore-side electricity supply for vessels – including support for upgrading the electrical grid:

- [Maritime ports – studies, works or mixed](#)
- [Inland waterways and ports – studies, works or mixed](#)

For more information on EU funding opportunities, contact [Nina Mavrogeorgiou](#).

SAVE THE DATE

Important dates on EU funding opportunities and related events

15 & 16 December 2022	Info Days	Horizon Europe Info Days – Cluster 5 HORIZON-CL5-2022-D3-03 Energy, Sustainable, secure and competitive energy supply (9)
10 January 2023	deadline for applications	Call for Preparatory Studies for Cross-border Renewable Energy Projects
18 January 2023	deadline for applications	CEF Transport 2022
24 January 2023	deadline for applications	HORIZON-CL5-2022-D4-02 Energy, Efficient, sustainable and inclusive energy use (6)
15 February 2023	deadline for applications	Digital Europe Programme calls
23 February 2023	deadline for applications	CEF Energy 2022 – Cross-border renewable energy studies projects
February 2023	deadline to submit answers	Public consultation on the past, present and future of the European Research & Innovation Framework programmes 2014-2027
16 March 2023	deadline for applications	Innovation Fund's third call for large-scale projects

News from WindEurope projects



On 13 October, more than 120 wind energy experts came together in person and online for the kick-off of ETIPWind's new cycle of activities.

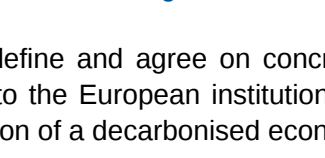
They reaffirmed the need for more R&I in wind to meet Europe's climate targets.

Rosalinde van der Vlies (Director Clean Planet, DG RTD, European Commission) identified the main challenges to overcome through R&I: inadequate manufacturing capacity and pressures on the competitiveness of the supply-chain; recycling of rotor blades and the happy coexistence of wind with nature and society, and energy system integration of wind energy.

ETIPWind will update its Strategic Research and Innovation Agenda in 2023 and will help Member States to improve the R&I sections in their upcoming NECPs revisions due in May 2023.

For more information, contact [Capucine Vainnoorenberghie](#)

About ETIPWind: ETIPWind works to define and agree on concrete research and innovation (R&I) priorities and communicate these to the European institutions and other decision-making bodies in order to support the EU's ambition of a decarbonised economy by 2050.



The COREWIND project offers disruptive and cost-effective solutions for floating offshore wind technology bringing costs down to less than €100/MWh. This innovative project is developing research, modelling and optimisation for concrete-based semi-submersible and spar floating substructures.

In September 2022, a video was produced recapping COREWIND's objectives and presenting the optimised solutions developed at the design phase, at the component level and for the operations and maintenance aspects. You can check it out [here](#).

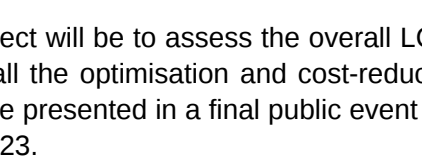
Recently, RAMBOLL made significant progress analysing floating wind transport and installation strategies and developing optimised solutions for a reference floating wind farm of 80 units using semi-submersible and spar substructures. Findings will be made publicly available in early 2023.

The project has identified 21 exploitable results which will be further analysed in the upcoming months to define the next development needs and commercialisation strategies.

The main next step for the project will be to assess the overall LCOE (Levelised Cost of Energy) reduction achieved thanks to all the optimisation and cost-reduction solutions developed within the project. These results will be presented in a final public event in April 2023 in Copenhagen, at WindEurope's Annual Event 2023.

Follow the project on [Twitter](#) and [LinkedIn](#). For more information, visit our [website](#) or contact [Capucine Vainnoorenberghie](#).

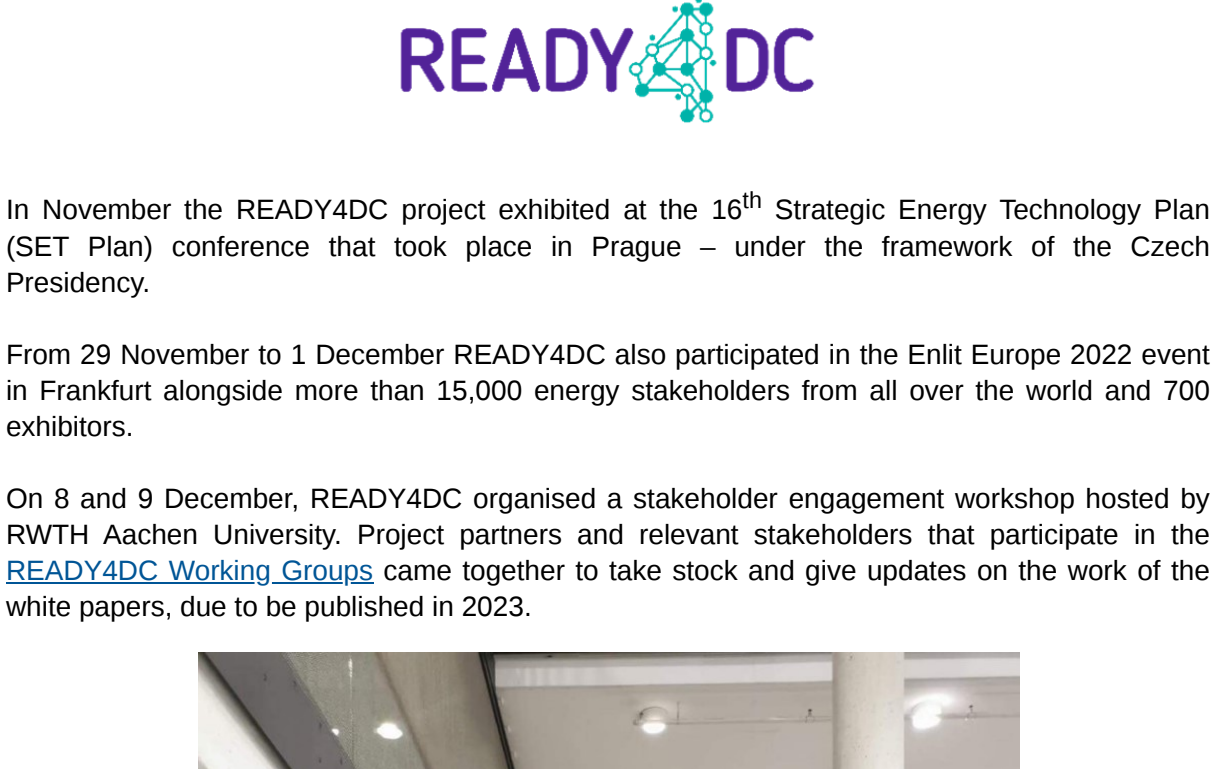
About COREWIND: The COREWIND project provides disruptive and cost-effective solutions for floating offshore wind technology leading to cost reduction. It is developing innovative research, modelling and optimisation for concrete-based floating substructure concepts.



In November the READY4DC project exhibited at the 16th Strategic Energy Technology Plan (SET Plan) conference that took place in Prague – under the framework of the Czech Presidency.

From 29 November to 1 December READY4DC also participated in the Enit Europe 2022 event in Frankfurt alongside more than 15,000 energy stakeholders from all over the world and 700 exhibitors.

On 8 and 9 December, READY4DC organised a stakeholder engagement workshop hosted by RWTH Aachen University. Project partners and relevant stakeholders that participate in the READY4DC Working Groups came together to take stock and give updates on the work of the white papers, due to be published in 2023.



The first whitepaper on "How to unlock investments for the first multi-vendor HVDC systems demonstration" will be published in early spring 2023.

Updates from Working Group 1 "Modelling and Simulation framework and data sharing for HVDC interaction studies and large scale Electro-Magnetic Transient (EMT) simulation"

The last few meetings focused on the intellectual property risks associated with data exchange during studies as well as technical, methodological, and legal solutions to mitigate them. The next subject to be continued in early January will be the description of the simulation studies to be performed at each development stage of a HVDC project.

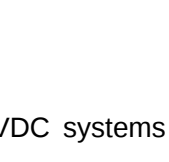
The first half of the project is now wrapping up with all subjects having been covered at a number of brainstorming sessions. The second half of the project will focus on converging and agreeing on the different topics to reach a consensus for the first version of the whitepaper.

To get the latest news on the project you can subscribe to the mailing list by clicking [here](#).

And to subscribe to the project expert working groups or for any more info, please contact: [Maria Kotofolova](#)

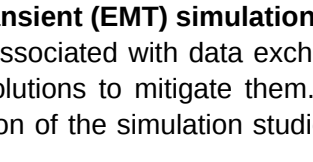
About READY4DC: The project will create and engage a community of experts that will assess and give recommendations on the major technical and legal aspects of designing and building an interoperable multi-vendor Direct Current (DC) grid.

Legal notice: The views represented in this newsletter are those of its authors and do not represent the views or official position of the European Commission.



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