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## Clean Energy Newsletter

Summer 2023



# CLEAN ENERGY NEWSLETTER

**BUILDING AN ENERGY-EFFICIENT, RENEWABLE ENERGY-BASED, CLIMATE-NEUTRAL AND -RESILIENT EUROPE TOGETHER.**

Renewable Energy Financing Mechanism  
Connecting Europe Facility Energy  
LIFE Clean Energy Transition  
Innovation Fund  
Horizon Europe Energy  
Just Transition Mechanism  
Horizon 2020 Energy Efficiency  
European Maritime, Fisheries and Aquaculture Fund

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### Calls and opportunities

#### **Green Assist: your journey towards a greener project**

Preparing one or more investments in the European Union and interested in free of charge expert help to make them green and viable?

Flag us your needs and Green Assist will get in touch with you without delay!

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#### **Innovation Fund: Guidelines and tips for a successful application to the third small-scale call**

Recordings, presentations and FAQs of the latest "how-to" webinar and orientation sessions are now available. On 4 and 5 July 2023, CINEA and DG CLIMA organised a two-day event on how to submit successful applications, learning from projects from previous calls. Innovation Fund's third small-scale call for projects with a total budget of EUR 100 million is open until 19 September.



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## Have your say - Call for evidence to review the Governance Regulation

The global energy crisis calls for stronger synergies among the five dimensions of the Energy Union, including security of supply. The European Commission has launched a call for evidence to review the Governance Regulation, open for stakeholders' input until 3 August 2023.



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## Programme news

### CEF Energy: two studies selected for funding under cross-border renewables

With a total of EUR 22.1 million of EU funding, wind farm ELWIND and green ammonia infrastructure CICERONE will carry out the studies needed to assess the feasibility of the projects and to prepare their implementation.



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## EU-funded Alqueva Floating Solar Farm wins EUSEW Awards

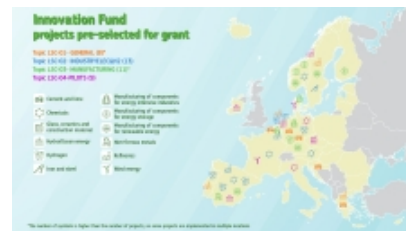
Alqueva Floating Solar Farm was awarded the European Sustainable Energy Award 2023 in the Innovation category. The park, whose elastic mooring system was funded by the European Maritime, Fisheries and Aquaculture Fund (EMFAF), brings together solar energy, hydropower and battery storage in an innovative scalable technology to reduce emissions and protect nature.



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## Innovation Fund: The EU invests EUR 3.6 billion in new clean tech projects

These 41 large-scale innovative clean tech projects have the potential to avoid 221 million tonnes of CO2 emissions in their first 10 years of operation. Located in 15 EU Member States and Norway, they cover a wide range of industries, such as cement, steel, advanced biofuels, sustainable aviation fuels, wind and solar energy, and renewable hydrogen and its derivatives.



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## EUSEW 2023: shaping the future of sustainable energy

From the establishment of the first cohort of 30 Young Energy Ambassadors to the prestigious European Sustainable Energy Awards, there was a lot ongoing in the 17th edition of the European Sustainable Energy Week (EUSEW). With over 12,000 participants from 129 countries, EUSEW concluded on a high note, paving the way for a more sustainable future. Discover the main highlights!



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## Upcoming events

### **Save the date - Virtual Horizon Europe Cluster 5 Info Day on 17 October**

The Info Day will present the 80 research and innovation topics proposed for 2024 under the Work Programme 2023-2024 of Horizon Europe Cluster 5, addressing Climate, Energy and Mobility.



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### **Covenant of Mayors Investment Forum back on 25 October**

Mark your calendars! The Covenant of Mayors Investment Forum 2023 will take place on 25 October. The conference will bring together cities, industry and financial institutions to exchange good practices and successful solutions to common challenges.



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## Publications

## Reducing your energy bills: Promoting clean and energy-efficient solutions for households

From facilitating decision making when replacing heating and cooling technologies to participating in collective purchases, discover how these EU-funded projects empower Europeans with practical ways to reduce their energy consumption, drive down costs and create a more sustainable future.



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## New publication on the interplay between grants and loans under the public sector loan facility

CINEA has recently published a brochure on the interplay between the grant and loan components of the public sector loan facility under the Just Transition Mechanism.

The brochure is available in all EU languages and can be found on CINEA website.

Check it out now in your preferred language!

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Projects' updates

## CEF Energy: EUR 144.6 million of EU funding for CO2 capture infrastructure

On 26 June, CINEA hosted a ceremony to celebrate the symbolic handover of the grant agreement with the Antwerp@C CO2 Export Hub project, that will be co-funded under CEF Energy with EUR 144.6 million. The project aims to develop a world-scale open-access modular infrastructure for the transport, liquefaction, and export of CO2 captured by industries in the Antwerp port area.



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## CarbFix projects turning heads not just CO2

The award-winning CarbFix projects, funded by Horizon 2020, continue to grab the headlines with growing global potential of CO2 mineralisation technology used. Canadian Prime Minister Trudeau, Portuguese Prime Minister Costa and many more recently visited the projects that turn CO2 into stones.



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## Unlocking the secret of green steel production

With a grant of EUR 143 million from EU's Innovation Fund, the HYBRIT Demonstration project aims to put green steel on the market before 2030. The steel industry is one of Europe's powerhouses, contributing some EUR 110 billion a year to European economy.



The HYBRIT pilot plant, Luleå, Sweden  
© SSAB (2022), photo taken by Hanna Hoikkala

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## New technological steps towards zero emissions shipping

Horizon 2020-funded project CHEK achieved another milestone recently with the deployment of technologies and impact demonstrations on real life vessels. CHEK is implementing a fixed wing sail system and testing a hydrogen fuel engine for improved energy efficiency and performance.



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## The #SmartEnergyCluster for a smart energy transition

Energy-saving blockchain technology, replacing outdated electric motors and integrating smart energy services are among the LIFE projects forming a new #SmartEnergyCluster aimed at achieving a sustainable and efficient energy system.



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## New tools to bring about a sea change in Europe's ocean energy sector

The Horizon 2020 funded project DTOceanPlus developed a series of open-source software tools to reduce the risks and costs associated with ocean tech development. The tools are already giving a boost to developers across the sector, supporting the EU's transition away from fossil fuels.



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