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Newsletter no. 6 | Spring 2021

System operation & flexibility solutions required to meet the ambition of 50% renewables on the European electricity grid by 2030

EU-SysFlex presents the 6th issue of its project newsletter. Since the autumn 2020 issue, EU-SysFlex has published 2 new public deliverables in 2 different Work Packages. New [project flyer](#), containing project news and updates regarding innovations in product and market design, and news from demonstrations and trial, has also been published.

German demonstrator from the EU-SysFlex project has been [awarded](#) by the Global Power Energy Elites as one of the most innovative projects in 2021. EU-SysFlex introduced the demonstrator in a [video](#).

EU-SysFlex also cordially invites you to an upcoming [webinar](#) on demonstrations of easy access to data and easy access to flexibility market, which will be held on 25 May 2021 at 10-12 AM CEST.

[Click to download our NEW project flyer](#)

[ALL AVAILABLE PROJECT RESULTS AND SCIENTIFIC PAPERS](#)

From November 2020 to April 2021, 2 new public deliverables were published from 2 different Work Packages as well as a new project flyer:

- [WP8 intermediate progress report: software development and experimental results of multi-services demonstration following local tests](#)
- [Project Newsletter \(N5\)](#)

NEWS AND EVENTS



JANUARY 2021 | German demonstrator from the EU-SysFlex project has been awarded by the [Global Power Energy Elites](#) for the second year in a row as one of the most innovative projects in 2021. This year under the category *Data and analytics*.



EU-SysFlex at INEA Virtual Workshop

DECEMBER 2020 | Project Director John Lowry (EirGrid) represented EU-SysFlex project at H2020 Transmission Grids projects Virtual Workshop, organized by INEA.



Private energy data standardization workshop

FEBRUARY 2021 | Elering together with IEEE held a virtual workshop on private energy data standardization on 23 February 2021 and Kalle Kukk delivered remarks on behalf of EU-SysFlex.



INTERFACE Flexibility Solutions webinar

FEBRUARY 2021 | INTERFACE project organized its first Flexibility Solutions webinar on 25 February 2021 and EU-SysFlex has been invited to present the project developments in a H2020 project session.



VIDEO | German EU-SysFlex Demonstrator

FEBRUARY 2021 | German demonstrator, led by E.ON and MITNETZ STROM, enables safe, secure and efficient grid operation in an energy system with a high share of volatile renewable energy sources.



Watch a video of Germam demonstrator that enables a safe, secure and efficient grid operation in an energy system with a high share of volatile renewable energy sources.



EU-SysFlex Project Manager at 24/7 Carbon-Free Energy by 2030 Workshop

MARCH 2021 | EU-SysFlex Project Manager John Lowry attended Renewables Grid Initiative’s workshop titled 24/7 Carbon-Free Energy by 2030 – Discussing Google’s commitment and options from an energy system perspective. John Lowry has been invited as a speaker to react to Google’s presentation as a system flexibility expert.



Presentation of EU-SysFlex at IEA online meeting

MARCH 2021 | Project manager John Lowry presented the experience from EU-SysFlex project at a web meeting, organized in the frame of the Integrated Electricity System Coordination Group of the End-Use Working Party of the IEA. Meeting was titled "Over-capacity, diversification or storage: Where are the thresholds that maximise flexibility in RES-based systems?"



Representing EU-SysFlex at BRIDGE General Assembly

MARCH 2021 | Horizon2020 smart grid projects investigated the usage of Data Exchange Platforms/Solutions and their interoperability. Helena Gerard (VITO) and Kalle Kukk (Elering) ran parallel sessions at BRIDGE General Assembly 2021 and shared some of the EU-SysFlex project's outcomes and experience.



EU Industry Week 2021 – BRIDGE Initiative webinar

MARCH 2021 | In the framework of the EU Industry Week 2021, members of the BRIDGE initiative hosted a webinar dedicated to "Reference architecture for cross-border and cross-sector energy data exchange." Kalle Kukk from Elering presented a proposal for European Energy Data Exchange Reference Architecture.

EU-SysFlex webinar

A large blue banner for the EU-SysFlex webinar. On the left, there is a circular graphic showing a network of nodes and connections. To the right, the text reads "EU-SysFlex WEBINAR #5". At the bottom, a dark grey bar contains the text: "10 DECEMBER 2020 | EU-SysFlex organized webinar dedicated to Task 5.3, describing big data considerations and solutions for flexible energy systems. The findings of Task 5.3 are further detailed in the public report accessible [here](#). For more information about the webinar, please visit [EU-SysFlex website](#)."

COMING UP NEXT



 EU-SysFlex

WEBINAR

25 MAY 2021 | EU-SysFlex would like to invite you to a webinar presenting data exchange demonstrators, data exchange system use cases implemented in these demonstrators as well as standardisation gap analysis and “CIMification” concept for these use cases. It is all about easy access to data and easy access to market. For more information about the webinar and registration link, please visit [EU-SysFlex website](#).

Read our project blog

Newest blog entries:

- [Portuguese FlexHub: Unlocking the flexibility of distribution assets](#)
- [EU-SysFlex French Virtual plant: Multi-services provision by storage successfully demonstrated through local tests](#)
- [Batteries and EV charging points as electric grid balancers in a smart office environment](#)
- [EU-SysFlex French Virtual Power Plant: FCR provision by wind successfully demonstrated through local tests](#)



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