

INVITATION TO JOIN THE JPP SES IMPACT NETWORK: LIVING LABS AND TESTBEDS FOR ENERGY



The European [Joint Programming Platform Smart Energy Systems](#) (JPP SES) is pleased to invite interested Living Labs and Testbeds for Energy to join the JPP SES Impact Network.

This new round has been launched on 7 May 2021 and will close for applications on 4 June 2021.

The overall objective of the JPP SES is to support transnational research and innovation activities for building a sustainable energy society. The programme aims at contributing to:

- Advancing the green energy transition in all sectors of the energy system while ensuring security of supply,
- Shaping new transnational business and investment opportunities by sector coupling and development of new value chains in innovative and cost-effective energy solutions,
- Ensuring social sustainability in the development of the green energy transition.

1 SCOPE AND AMBITION

Beyond the funding of transnational RDD projects, the Joint Programming Platform Smart Energy Systems has initiated a **Transnational Validation Network** with existing and future Living Labs and Testbeds to accelerate the development of transnational innovation ecosystems, allowing innovative companies / developers to test and validate their technological or service solutions in real-life settings. The current network members can be found on the JPP SES website [here](#).

This invitation seeks to find additional real-life Living Labs and Testbeds that are interested in providing testing and validation support to the developers of energy technologies and services. Living Labs and Testbeds that qualify as partners in the Transnational Validation Network will be presented on the JPP SES [dedicated webpage](#) and in the [matchmaking platform](#) of the program. So-called Information Cards that describe the services provided by each Living Lab or Testbed will be produced and published. JPP SES project developers could then get in contact because they want to test their solutions. They might also invite you to become a partner in a funded RDI project.

In the context of this invitation, Living Labs are considered as user-centred and open innovation ecosystems often operating in a territorial context (e.g. city, region), integrating concurrent research and innovation processes (co-creation), potentially relying on a public-private-people partnership. Living Labs are expected to support the energy system developers with validation capabilities related to customer/user value of a new service and/or business model design, among others.

Furthermore, Testbeds are understood in this invitation as technological testing, piloting and demo-infrastructures which are part of the real-life energy system. Testbeds are expected to support the energy system developers with validation capabilities related to technical feasibility and/or interoperability of new technological innovations, among others.

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2 QUALIFICATION CRITERIA

To qualify as a partner for the Transnational Validation Network of the Joint Programming Platform Smart Energy Systems, the Living Lab or Testbed needs to fulfil with the following basic criteria:

- The Living Lab or Testbed needs to be connected to the real-life energy system.
- The Living Lab or Testbed should provide either a technical infrastructure OR an engaged group of customers/users open to new energy services (number of customers given) OR both.
- The Living Lab or Testbed has an objective that is in line with the goals of the JPP ERA-Net SES and its concept for the Transnational Validation Network.
- The Living Lab or Testbed shall have a point of contact and a responsible organisation, i.e., an organisation that has a mandate to represent the Living Lab or Testbed.
- The Living Lab or Testbed has, at least, one potential legal signatory, i.e., an organisation that can commit to a contract.
- The value that the Living Lab or Testbed is able to provide for the validation of energy innovations to be tested, shall be defined and described.

3 BENEFITS FOR DIGITAL PLATFORM PROVIDERS

The partners of the Transnational Validation Network and their offerings will be promoted through the matchmaking and communication channels of the JPP SES. The Living Labs and Testbeds may seek to be partners in the project consortia that will apply for financing from the programme or offer services to the projects.

Before the summer 2021, JPP SES will launch a call for project proposals on “Accelerating the Heating and Cooling Transition”, in cooperation with ERA-Net GEOTHERMICA. Organisations providing Living Labs and Testbeds on this topic are invited to apply and will be invited to introduce themselves and their services also in the framework of call-related activities. This invitation, however, is not only limited to the topic of the next call for projects but Living Labs and Testbeds linked to the topics of all [JPP SES Focus Initiatives](#) are invited to express their interest.

4 TIME SCHEDULE

Launch of the invitation	07 May 2021
Advisory period	07 May – 04 June 2021
Deadline for registration of Expressions of Interest	04 June 2021, 13:00 CEST
Deadline for qualification feedback	End of June
Expected publication of Information Cards	Mid of July

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5 SUBMISSION OF EXPRESSIONS OF INTEREST

Expressions of Interest (in English) must be submitted electronically no later than 4 June 2021 13:00 CEST by filling out the form at the following link: <https://link.webropolsurveys.com/S/B09B676B2C95CA72>

Living Labs and Testbeds who have already qualified and are listed on our website do not have to submit another application.

6 MORE INFORMATION AND ADVICE

For more information and advice for preparing your Expression of Interest, please, contact Pia Salokoski from the Support Team of the JPP SES Coordination: pia.salokoski@clicinnovation.fi



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