

## Special benefits for funded projects

- Projects become part in a global innovation network
- Network of Associated Partners bringing in the “need-owner” perspective and supporting projects from proposal phase until market up-take of the developed solutions
- Membership in a transnational Knowledge Community enabling exchange with other experts in the field and bringing project results to a broad audience
- Administrative, communication and content-related support by the ERA-Net SES Knowledge Management Team through information material, events and feed-back loops during the project lifetime

## Joint Call 2019 partner countries and regions



## The Joint Programming Platform Smart Energy Systems (JPP SES)

JPP SES is a transnational joint programming platform, so far established as ERA-Net SES with 30 funding partners from European and associated countries. It functions as a network of owners and managers of national and regional public funding programs in the field of research, technical development and demonstration. It provides a sustainable and service-oriented joint programming platform to finance transnational RDD projects, developing technologies and solutions in thematic areas like smart power grids, integrated regional and local energy systems, heating and cooling networks, digital energy and smart services, etc. [www.eranet-smartenergysystems.eu](http://www.eranet-smartenergysystems.eu)

### Mission Innovation

Mission Innovation is a global initiative of 24 countries and the European Commission, working to accelerate clean energy innovation. Within MICall19 Mission Innovation Countries have been invited to leverage on JPP SES and organise a first multi-lateral call for RDD projects. [www.mission-innovation.net](http://www.mission-innovation.net)

### JPP SES and Joint Call 2019 Funding Partners



ERA-Net Smart Energy Systems is supported by funding from the European Union's Horizon 2020 research and innovation programme.

# MICALL19



**MISSION INNOVATION**  
accelerating the clean energy revolution



## Joint Call 2019 on Energy Storage Solutions

Joint Programming for Flourishing Innovation: From Local and Regional Trials towards a Transnational Knowledge Community

[www.eranet-smartenergysystems.eu](http://www.eranet-smartenergysystems.eu)



ERA-Net SES is receiving funding from the European Union's Horizon 2020 research and innovation programme under grant agreements no. 646039 and no. 775970.

## Joint Call 2019 („MICall19“)

The European Joint Programming Platform ERA-Net Smart Energy Systems in collaboration with the global Mission Innovation Initiative is pleased to announce a Joint Call for transnational Research, Development and Innovation projects on integrated energy storage solutions. The total available budget is above € 22 Mio.

### TIMELINE

Call opening	18 September 2019
Launch and matchmaking events	Fall 2019, see <a href="http://www.eranet-smartenergysystems.eu/">www.eranet-smartenergysystems.eu/</a>
Compulsory advisory period for applicants	18 September 2019 – 22 January 2020
Compulsory registration of interest deadline	12 November 2019, 14:00 CET
Proposal deadline	22 January 2020, 14:00 CET
Project evaluation and selection	January – May 2020
Deadline funding decision feedback	5 May 2020
Expected project start	Before 15 December 2020

Project proposals must be submitted electronically. More information about the call and the online Electronic Submission System can be found at the ERA-Net SES website:

[www.eranet-smartenergysystems.eu](http://www.eranet-smartenergysystems.eu).

## Available funding

Country/region	Funding (€)	Organisation name
Austria	2 900 000	Austrian Research Promotion Agency (FFG)
Belgium - Flanders	1 000 000	Flanders Innovation and Entrepreneurship (VLAIO)
Belgium - Wallonia	500 000	Public Service of Wallonia (SPW)
Denmark	3 000 000	Energy Technology Development and Demonstration Program (EUDP)
Finland	3 000 000	Business Finland
Germany	2 000 000	Forschungszentrum Jülich GmbH (PtJ)
India	2 000 000	Department of Science and Technology (DST)
Israel	600 000	Ministry of Energy (MOE)
Italy	600 000	Ministry of Education, Universities and Research (MIUR)
Morocco	(tbc*)	Research Institute for Solar Energy and New Energies (IRESEN)
Nordic and Baltic region	600 000	Nordic Energy Research (NER)
Poland	600 000	National Centre for Research and Development (NCBR)
Romania	500 000	Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI)
Scotland	2 000 000	Scottish Enterprise (SCOTENT)
Sweden	2 000 000	Swedish Energy Agency (SWEA)
Switzerland	500 000	Federal Department of the Environment, Transport, Energy and Communications DETEC – Swiss Federal Office of Energy SFOE
Turkey	750 000	The Scientific and Technological Research Council of Turkey (TÜBİTAK)
<b>Total sum</b>	<b>22 550 000</b>	

\*Participation subject to approval. Please check the website for the latest information.

## Requirements for project proposals

(excerpt from call text)

- **Transnational** consortium
- Develop integrated energy storage solutions, as well as prepare or implement demonstration projects within **Technology Readiness Levels 5 – 8**
- Implement the **Three-Layer Research Model** encompassing Stakeholder/Adoption, Goods and Services, and Technology
- Consider aspects of **replicability** and **transferability**
- Show a **critical mass of participants and critical size** according to their subject
- Consider **diversity perspectives**
- Refer to the existing **European roadmaps and implementation plans** (such as the SET-Plan Action 4 Implementation Plan, the ETIP SNET R&I roadmap 2017-26 or the Cross-Cutting Technology Roadmap of the European Technology Platform on Renewable Heating and Cooling) and the existing eight **innovation challenges (ICs)** as defined by **Mission Innovation (MI)**
- Follow existing reference **architecture models and common standards** as they are described in relevant public documents of the ERA-Net SES/Knowledge Community
- Respect **national/regional eligibility criteria**

## Scope and ambition

It focuses on the development of integrated storage systems and will support solutions answering to identified challenges within this area. It is highly encouraged to identify and involve “need-owners” in the solution development answering to the specified challenge. The call will focus on challenge areas where different types of partners from different parts of society collaborate to offer solutions to existing energy systems.