

>> MICall20



**MISSION
INNOVATION**

accelerating the clean energy revolution



Smart
Energy
Systems
ERA-Net



Call for proposals

**Multilateral Joint Call for RDI projects on
digital transformation for green energy
transition**

This Joint Call is hosted by the Joint Programming
Platform Smart Energy Systems

www.eranet-smartenergysystems.eu

MICall20

Call for proposals

The Joint Programming Platform Smart Energy Systems (JPP SES) in collaboration with the global initiative Mission Innovation is pleased to announce the Joint Call 2020 ("MICall20") on digital transformation for green energy transition. Together with the supporting activities "Validation Network with Living Labs and Testbeds" and "Associated Partner Network with Digital Platform Providers", the launch of this Joint Call completes the successful start of the JPP SES Focus Initiative on digitalisation of the energy system ("EnerDigit"). The aim is to support transnational research and innovation activities unleashing the potential of digital transformation for a sustainable energy society.

If you would like to participate in the call:

Visit: www.eranet-smartenergysystems.eu

Timeline

Call opening	14 December 2020
Compulsory advisory period	14 December 2020 – 6 May 2021
Compulsory registration of interest deadline	17 February 2021, 14:00 CET
Application portal opening for full proposal submissions	12 March 2021
Full proposal submission deadline	6 May 2021, 14:00 CEST
Final national/regional eligibility checks and expert evaluation period	June – September 2021
Selection period	October - November 2021
Deadline funding decision feedback	November 2021
Expected project start	Before 15 June 2022

National/Regional Funding Agencies Participating in MICALL20

The total funding available for Joint Call 2020 projects amounts to ~25 Mio €, made up of national/regional budgets and European Union (EU) contribution.

Country/ region	Funding (indicative MEUR)	Organisation name
Austria	2	Austrian Research Promotion Agency (FFG)
Czech Republic	1	Technology Agency of the Czech Republic (TACR)
Denmark	1,3	Energy Technology Development and Demonstration Program (EUDP)
Finland	2	Business Finland
Germany	2	Forschungszentrum Jülich GmbH (PtJ)
India	1	Department of Science and Technology (DST)
Israel	0,9	Ministry of Energy (MOE)
Latvia	0,4	State Education Development Agency (VIAA)
Morocco	0,5	Research Institute for Solar Energy and New Energies (IRESEN)
Nordics and Baltic region	0,6	Nordic Energy Research (NER)
Norway	0,5	The Research Council of Norway (RCN)
Poland	0,6	National Centre for Research and Development (NCBR)
Romania	0,5	Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI)
Scotland	2	Scottish Enterprise (SCOTENT)
Spain	0,8	Centro para el Desarrollo Tecnológico Industrial (CDTI)
Sweden	2	Swedish Energy Agency (SWEA)
Switzerland	2,5	Federal Department of the Environment, Transport, Energy and Communications DETEC – Swiss Federal Office of Energy SFOE
Turkey	0,6	The Scientific and Technological Research Council of Turkey (TÜBİTAK)
Total sum	21,2 MEUR	

Digital transformation for green energy transition

Aim

By accelerating the implementation, adaptation and knowledge creation of digital solutions in energy systems and networks, this call supports the following objectives:

- advance 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, thereby creating new employment opportunities and contributing to the development of an environmentally sustainable financial growth
- ensuring social sustainability and coherence with digitalisation in other sectors in the progression of the green energy transition

Overall objectives

- increase the development and uptake of latest digital innovation and solutions in the energy domain
- facilitate well established open and harmonised marketplaces that better connect the ICT and the energy domain
- improve knowledge and awareness for policy makers, regulators and utilities on digital solutions

Organisations from the following countries and regions can apply for funding:



AUSTRIA



CZECH REPUBLIC



DENMARK



ESTONIA



FINLAND



GERMANY



ICELAND



INDIA



ISRAEL



LATVIA



LITHUANIA



MOROCCO



NORWAY



POLAND



ROMANIA



SCOTLAND



SPAIN



SWEDEN



SWITZERLAND



TURKEY

Mission Innovation

Mission Innovation is a global initiative of 24 countries and the European Commission, working to accelerate clean energy innovation. With MIP20 Mission Innovation countries are invited to leverage on the Joint Programming Platform Smart Energy Systems and organise a second multilateral call for RDD projects. www.mission-innovation.net

The Joint Programming Platform Smart Energy Systems (JPP SES)

JPP SES is a transnational Joint Programming Platform with more than 31 funding partners 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.ernet-smartenergysystems.eu.

JPP SES Funding Partners



JPP SES is receiving funding from the European Union's Horizon 2020 research and innovation programme under grant agreements no. 646039, 775970 and 883973.