

>> MICall20



**MISSION
INNOVATION**

accelerating the clean energy revolution



Smart
Energy
Systems
ERA-Net



Invitation

**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

Invitation for funders

The Joint Programming Platform Smart Energy Systems is pleased to invite interested funding partners to join the process of implementing a Joint Call for transnational Research, Development and Demonstration projects on digital transformation for the green energy transition. All Mission Innovation partner countries are invited to join as funding partners.

If you would like to participate in the call as funding partner:

Contact us (until end of August 2020 the latest):
callmanagement@eranet-smartenergysystems.eu

Indicative time line

**Final call text for approval
by funding partners**

August 2020

Call open

September 2020

Call launch events

September - November 2020

Project outline deadline

November 2020

Project proposal deadline

February 2021

Finalisation and selection

May 2021

Project start

June – December 2021

Project finish

June – December 2024

MIcall20 Funding Partners (Status: July 2020)

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)
Europe	8,9	European Commission
Finland	2	Business Finland
Germany	1,5	Forschungszentrum Jülich GmbH (PtJ)
India	1	Department of Science and Technology (DST)
Israel	0,9	Ministry of Energy (MOE)
Latvia	0,4	Latvian Academy of Sciences (LAS)
Morocco	1,2	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 (TÜBITAK)
Total sum	30 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

Initial MCall20 partner countries and regions



AUSTRIA



CZECH REPUBLIC



DENMARK



ESTONIA



EUROPE



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 MICall20 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 30 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 and no. 775970.