



Webinar on Joint Call 2020

24 March 2021, 11h-12h CET

>> **MICall20**



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accelerating the clean energy revolution



Smart
Energy
Systems
ERA-Net

Agenda

- JPP SES in short
- Joint Call 2020 – information on application
- The Knowledge Community and Impact Network
- Q&A

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Smart
Energy
Systems
ERA-Net



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ERA-Net

JPP SES in short

The Joint Programming Platform Smart Energy Systems

> 30 funding partners from **>25 European countries and regions**

Austria, Croatia,
Denmark,
Finland,
Flanders, France,
Germany,
Hungary,
Ireland, Israel,
Italy, Latvia,
Lombardy,
Norway, Poland,
Portugal,
Romania,
Scotland,
Slovenia, Spain,
Sweden,
Switzerland, the
Netherlands,
Turkey &
Wallonia,
Morocco, India

FCT
Fundação para a Ciência e a Tecnologia

FFG
Promoting Innovation.

Federal Ministry
for Economic Affairs
and Energy

Federal Ministry
Republic of Austria
Climate Action, Environment,
Energy, Mobility,
Innovation and Technology

ADEME
Agence de l'Environnement
et de la Maîtrise de l'Énergie

FOND ZA ZAŠTITU OKOLIŠA I
ENERGETSKU UČINKOVITOST

NATIONAL RESEARCH, DEVELOPMENT
AND INNOVATION OFFICE
HUNGARY

klima
energie
fonds

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra
Swiss Confederation
Innosuisse – Swiss Innovation Agency

Ministry of Energy
www.energy.gov.il

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CDTI

MINISTERUL EDUCAȚIEI ȘI CERCETĂRII

Regione Lombardia

MINISTÈRE DE L'ENVIRONNEMENT
DE L'ÉNERGIE
ET DE LA MER

REPUBLIC OF SLOVENIA
MINISTRY OF
INFRASTRUCTURE

IRESSEN
Institut für Energieeffizienz
und Erneuerbare Energien

Nordic Energy Research

**The National Centre
for Research and Development**

FLANDERS
INNOVATION &
ENTREPRENEURSHIP

Flanders
State of the Art

**Wallonie
énergie
SPW**

ufiscati

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Federal Office of Energy SFOE

Scottish Enterprise

seai
SUSTAINABLE
ENERGY AUTHORITY
OF IRELAND

PTJ
Projekttträger Jülich
Forschungszentrum Jülich

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DELLA RICERCA

eUDP
Energietechnische Universitäts- und
Forschungsinstitut

**Swedish
Energy Agency**

The Research Council
of Norway

Innovation Fund Denmark

EUROPEAN UNION

NWO

TÜBİTAK

DEPARTMENT OF
SCIENCE & TECHNOLOGY
Ministry of Science and Technology
Government of India

**BUSINESS
FINLAND**

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



Goal

Organize the learning to enable the right technologies, market designs and customer adoption to achieve the smart energy system vision & goals of Europe

www.eranet-smartenergysystems.eu

MICall20 in collaboration with



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Accelerating the clean energy revolution

25 partners from
around the globe



Goal Mission Innovation is a global initiative of 24 countries and the European Commission, working to accelerate clean energy innovation.



Australia



Chile



Finland



Indonesia



Morocco



Saudi Arabia



United States



Austria



China



France



Italy



Netherlands



Sweden



Brazil



Denmark



Germany



Japan



Norway



United Arab Emirates



Canada



European Union



India



Mexico



Republic of Korea



United Kingdom



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Joint Call 2020 (MICall20) on digital transformation for green energy transition



Application portal

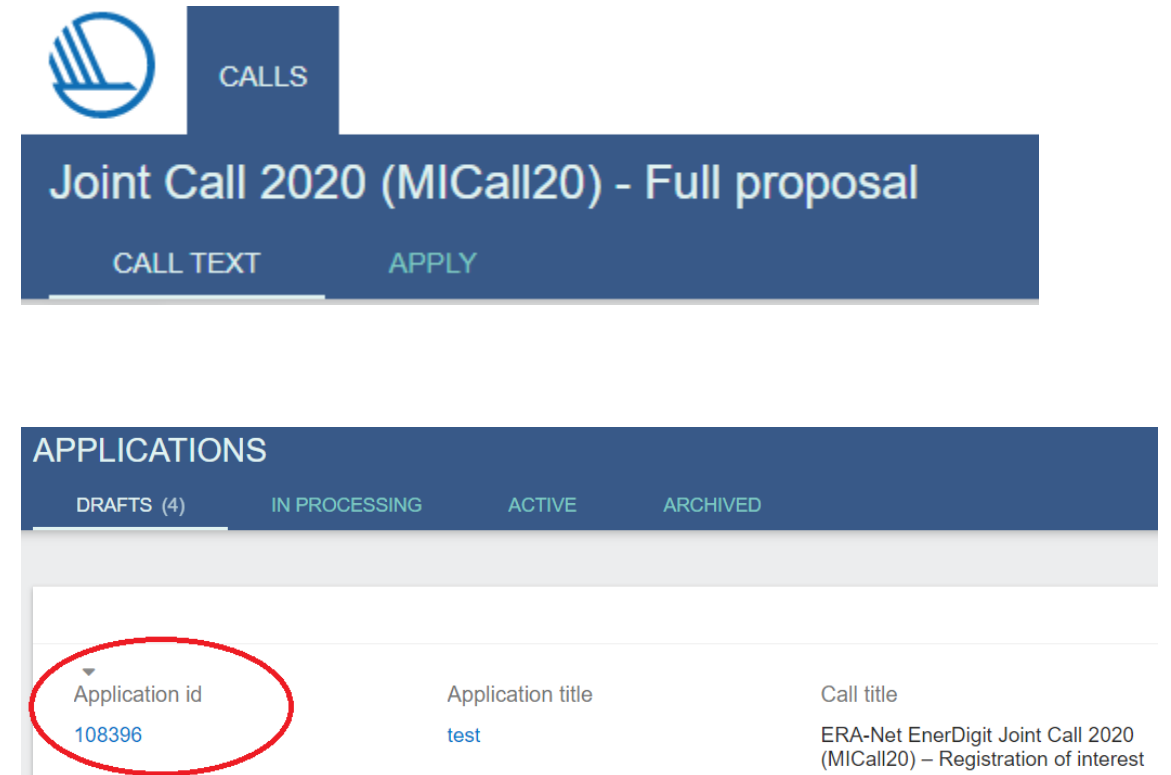
- Joint Call 2020 (MICall20) – Full proposal
- Deadline 06.05.2021, 14:00 CEST
- NordForsk technical support
 - support@nordforsk.org / +47 905 51 520.

Before you start:

- Make sure to find out all relevant national/regional information for your project (start in Annex B)!
- Each different national/regional consortia partner is required to contact their national/regional funding body.

Application format – General project info

- Title and acronym
- Registration of interest ID
 - 6 digit ID
- Duration
- Keywords
- Project summary
- Project website



The screenshot shows the MICall20 application portal. At the top, there is a blue header with a logo and the text 'CALLS'. Below this, a large blue banner reads 'Joint Call 2020 (MICall20) - Full proposal'. Under the banner, there are two buttons: 'CALL TEXT' and 'APPLY'. Below the banner, there is a section titled 'APPLICATIONS' with four tabs: 'DRAFTS (4)', 'IN PROCESSING', 'ACTIVE', and 'ARCHIVED'. The 'DRAFTS (4)' tab is selected. Below the tabs, there is a table with three columns: 'Application id', 'Application title', and 'Call title'. The first row of the table has the following values: 'Application id' with the value '108396' (circled in red), 'Application title' with the value 'test', and 'Call title' with the value 'ERA-Net EnerDigit Joint Call 2020 (MICall20) – Registration of interest'.

Application id	Application title	Call title
108396	test	ERA-Net EnerDigit Joint Call 2020 (MICall20) – Registration of interest

Application format - Participants

- Project owner
- Project manager
- Participating organisations
 - Including project manager
- Project contact information template
 - Information required by the European Commission
 - Include all participants: project manager, partner, observer
- Observe the transnationality criteria!
 - At least two independent legal entities from two different EU Member States or Associated Countries, applying for funding from two different countries/regions participating in the call

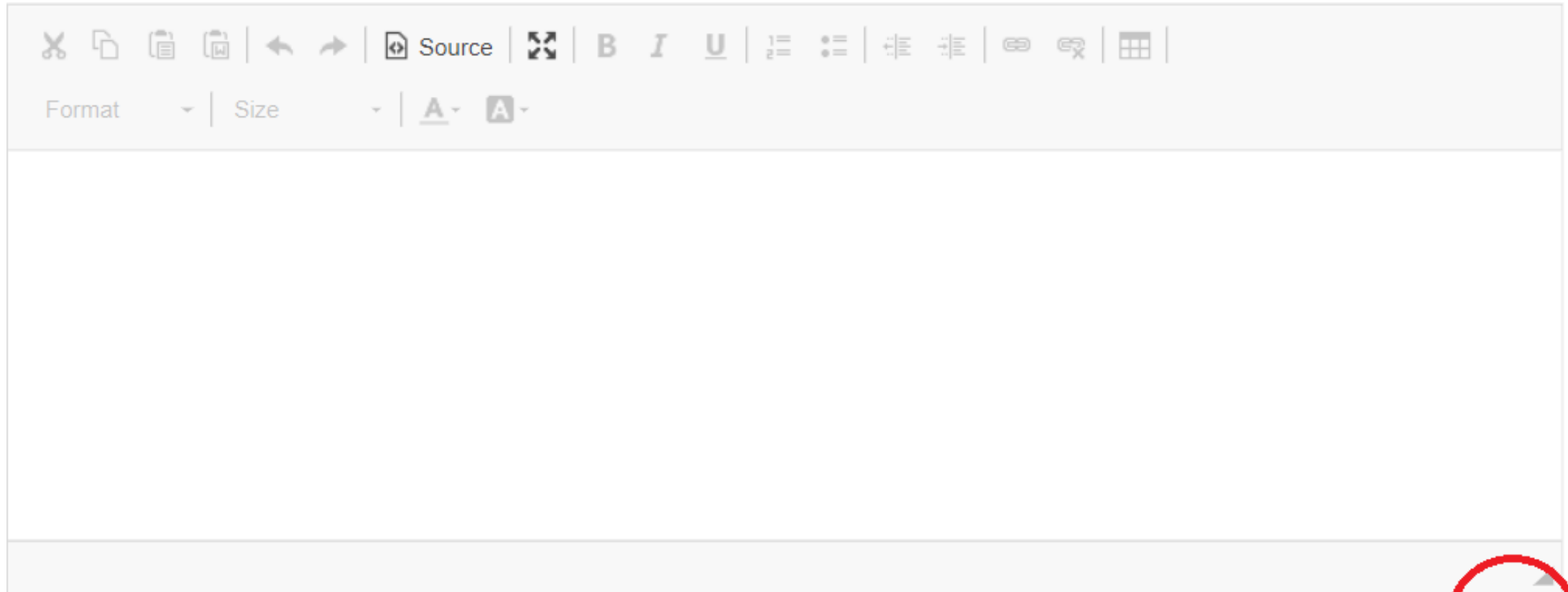
Application format – Content and project motivation

- Relevance to call's aim and scope
- Background, state of the art
- Project objectives and goals
- Innovative content
- Working methods and scientific approach
- IPR management
- Gender and diversity
- Ethical aspects
- Three layer research model

Limitation of characters

1.5 Working methods and scientific approach *

Describe the working methods and scientific approach of the project.



The image shows a rich text editor interface. The toolbar at the top includes icons for cut, copy, paste, undo, redo, source code, fullscreen, bold, italic, underline, subscript, superscript, bulleted list, numbered list, link, unlink, and table. Below the toolbar are dropdown menus for 'Format' and 'Size', followed by color selection tools for text and background. The main area is a large, empty text box for input.

0/2500

Impact

- Expected impacts
- Scaling up, reproducibility
- Transnational added value
- Communication plan (incl. Knowledge Community)
- Dissemination plan

Project organisation

- Organisation
- Key competences
- Previous experience
- Project management
 - PDF format (1 page)
- CV project manager
 - PDF format (1 page)
- CV for maximum 5 key project members
 - PDF format (1 page/CV)
 - Please upload as separate files

Work plan

- PDF format, maximum 2 pages

Risk analysis plan

- Risk identification
- Risk analysis
- Risk prevention
- "Fall-back strategy"
 - Consortia with three or more participating countries
 - "Scenario A: Project partners from country A are not eligible. Project can still be implemented, because..."

Picture/graphic illustration

- Optional
- E.g. work plan, work packages, organisation/project management
- PDF, 1 page

Work plan budget distribution

- Project's total cost budget distribution per partner
- Upload as PDF, maximum 2 pages

This form is processed automatically. Please do not change the structure, override validations and the like.
This could potentially lead to errors and erroneous rejection of your project. Leave any brief remarks in the comments section below

Full project proposal - Entire project budget (in EUR)					
Total costs	2020	2021	2022	until 15.12.2023	Total
Salaries (including overhead)	€ 0	€ 0	€ 0	€ 0	€ 0
Travels and meetings	€ 0	€ 0	€ 0	€ 0	€ 0
Infrastructure, facilities and equipment	€ 0	€ 0	€ 0	€ 0	€ 0
Consumables	€ 0	€ 0	€ 0	€ 0	€ 0
External services, incl. subcontracts (if applicable)	€ 0	€ 0	€ 0	€ 0	€ 0
Other, non-specified costs (if applicable)	€ 0	€ 0	€ 0	€ 0	€ 0
Sum	€ 0	€ 0	€ 0	€ 0	€ 0
Total financing					
Requested funding from ERA-Net Smart Energy Systems	€ 0	€ 0	€ 0	€ 0	€ 0
Internal funding (in-kind and/or financial)	€ 0	€ 0	€ 0	€ 0	€ 0
External funding (private)	€ 0	€ 0	€ 0	€ 0	€ 0
External funding (public)	€ 0	€ 0	€ 0	€ 0	€ 0
Sum	€ 0	€ 0	€ 0	€ 0	€ 0

Comments

Budget

- Participant Identification Code – 9 digits
 - Please check whether your organisation has already been registered. If not, please register.
 - <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/participant-register>

Confirm and submit

- Deadline: 6 May 2021, 14:00 CEST!

[CALL TEXT](#) [PREVIEW / PRINT](#) [LOG](#) [DELETE APPLICATION](#) [SAVE DRAFT](#) [SUBMIT](#)

Confirmation

I hereby confirm and acknowledge that all involved National/Regional Agencies have been contacted by the funding seeking Partners.

*

I hereby confirm and acknowledge that I have read, understood and accepted the ERA-Net Smart Energy Systems provisions in this Call for proposals and all related annexes.

*

[< Previous](#) [Submit Proposal](#) 58 fields missing

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Knowledge Community and JPP SES Networks



The Joint Programming Platform SES pilars



fund JPP SES **transnational projects**



create and share strategic
knowledge with the
Knowledge Community



link innovation ecosystems
and co-create with need
owners with the
Impact Network

Toolbox for collaboration, coordination, communication, ...

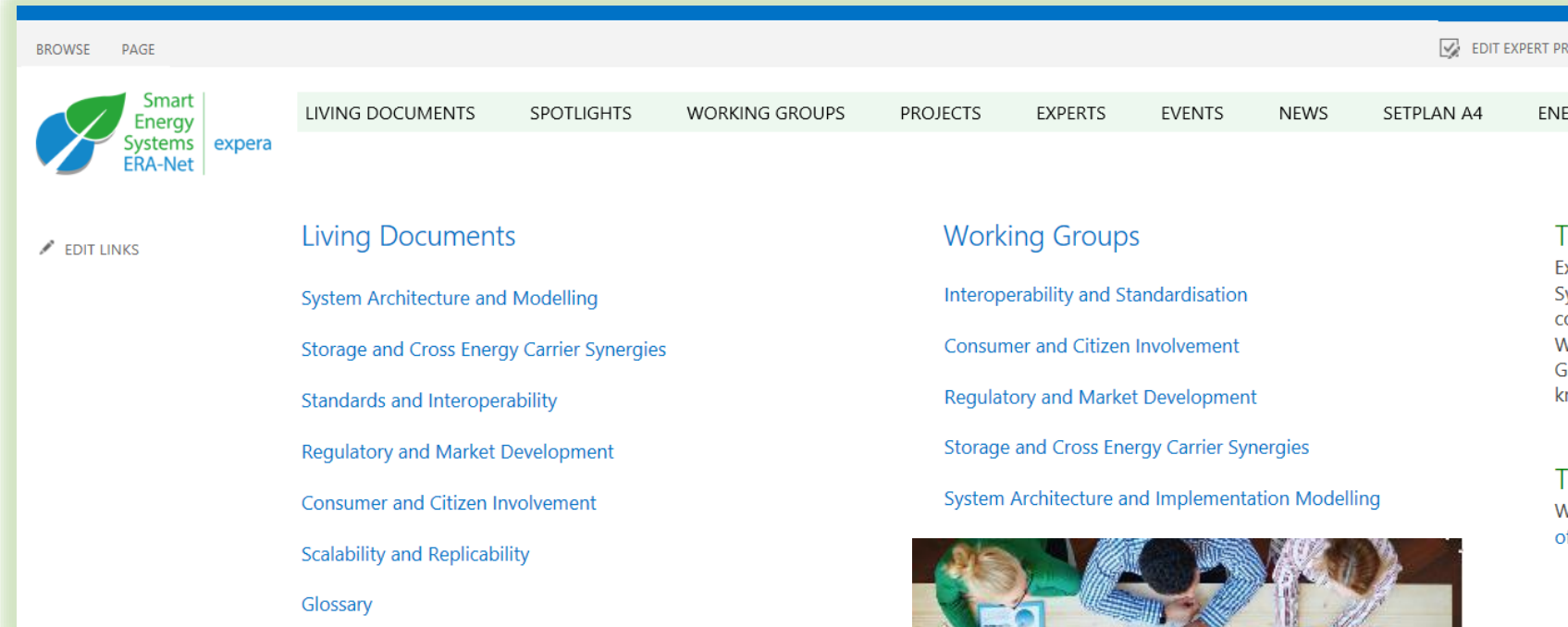
Project Partners join a Knowledge Community



The Knowledge Sharing Platform *expera*

Members

- JPP SES projects
- (Trans-)national key projects
- International RDD projects
- SES practitioners
- Agenda setters and policy makers



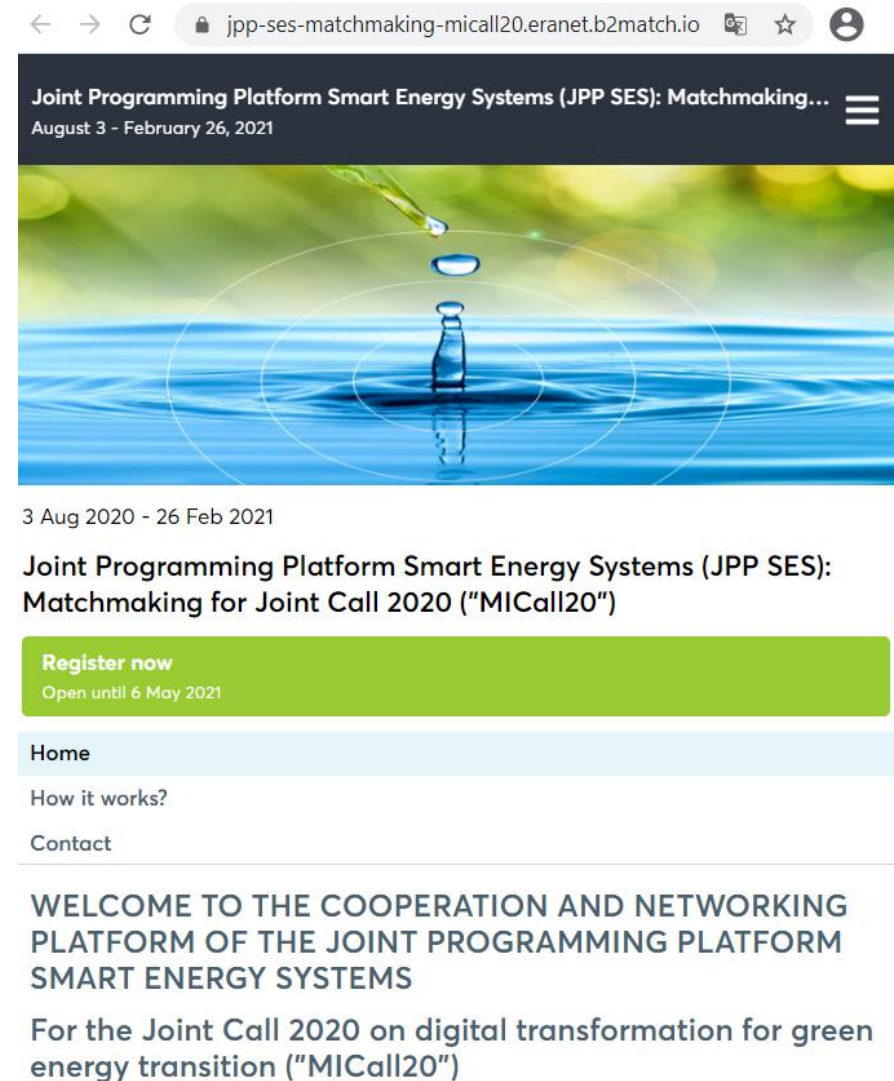
www.smartgridsplus.eu



Find partners: Matchmaking platform

- Find partners for your project
- Contact and organise meetings with potential partners
- Give visibility to your project idea

<https://jpp-ses-matchmaking-micall20.eranet.b2match.io/>



The screenshot shows a web browser displaying the 'Joint Programming Platform Smart Energy Systems (JPP SES): Matchmaking...' website. The URL bar shows 'jpp-ses-matchmaking-micall20.eranet.b2match.io'. The page features a header with the title and dates 'August 3 - February 26, 2021'. Below the header is a large image of a water droplet creating ripples. The main content area includes the dates '3 Aug 2020 - 26 Feb 2021', the title 'Joint Programming Platform Smart Energy Systems (JPP SES): Matchmaking for Joint Call 2020 ("MICall20")', a green 'Register now' button with the text 'Open until 6 May 2021', a navigation menu with 'Home', 'How it works?', and 'Contact', and a welcome message: 'WELCOME TO THE COOPERATION AND NETWORKING PLATFORM OF THE JOINT PROGRAMMING PLATFORM SMART ENERGY SYSTEMS'. The final line of text reads: 'For the Joint Call 2020 on digital transformation for green energy transition ("MICall20")'.

Knowledge Community standard Workpackage

- Cf. Call text Annex F (from page 43)
- Contribution to the knowledge Community and interaction with other projects (e.g. family of projects meeting) – ideally reflected in other parts of the proposal
- Plan resources (NB: events will take place mainly virtually):
 - 50 – 70 days/year/project.
 - Guideline given in call text annex F do not take into account change in travel norms and laws after 2020
 - (€7 000 – €10 000/year/project for travel, accommodation and related expenses.)
 - *The advised minimum total resource allocation is €70 000 regardless of project duration.*

Supporting networks for project applicants and partners

- Digital Platforms Providers
- Validation Network with Living Labs & Testbeds
- Associated partners

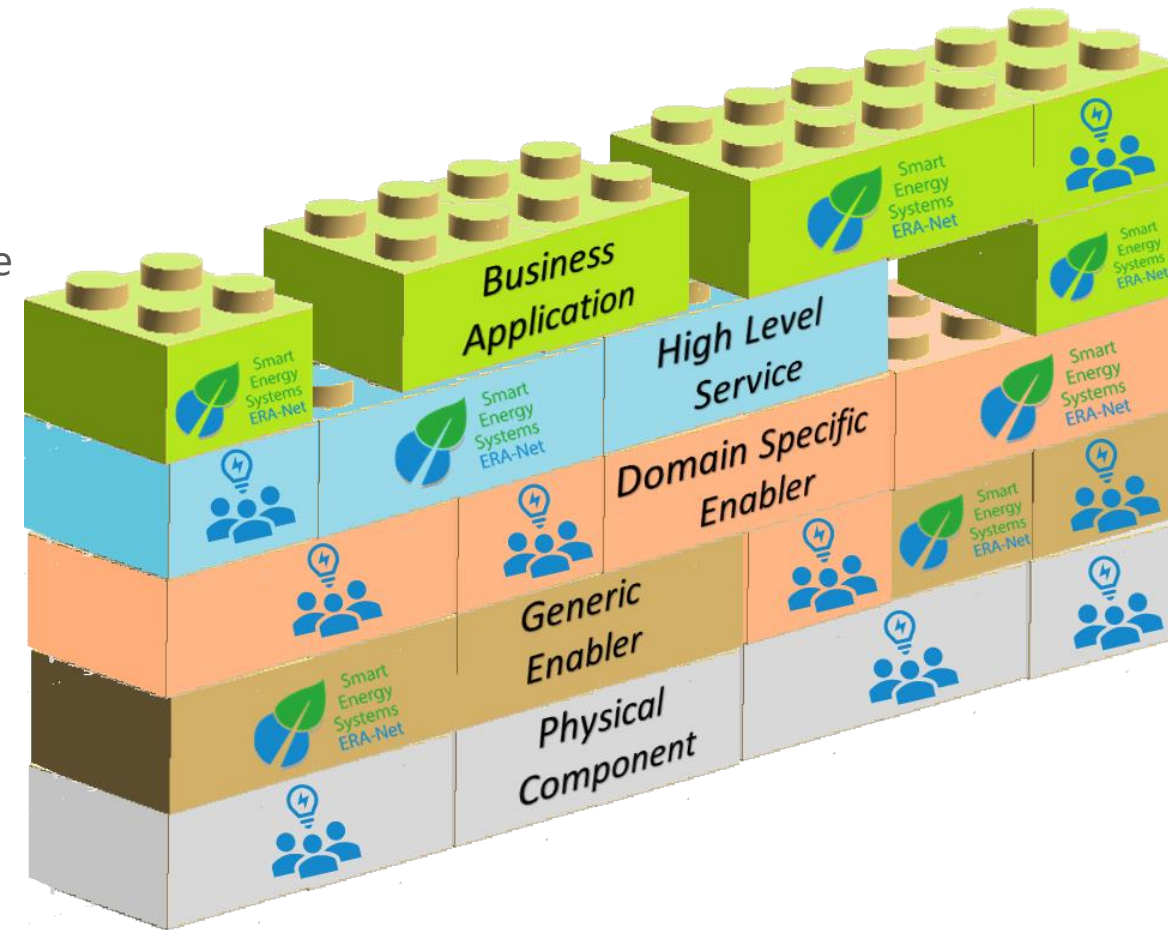
Digital Platform Providers (DPP)

- What are the Digital Platform Providers?

DPPs often display a layered architecture with highly standardized interfaces between the layers allowing for the implementation of a variety of services on many levels (see Figure). Some provide a comprehensive platform covering 4-5 layers, while others offer more specific solutions, e.g. domain specific enablers and some generic enablers which must be combined with elements of other DPPs.

- What do they offer to the project applicants and partners?

- source code, free for JPP SES or with remuneration fee
- software as a service, free or with remuneration fee
- executable package with interfaces
- lab or field installation to be used by JPP SES project, with support, free of charge or against service charge



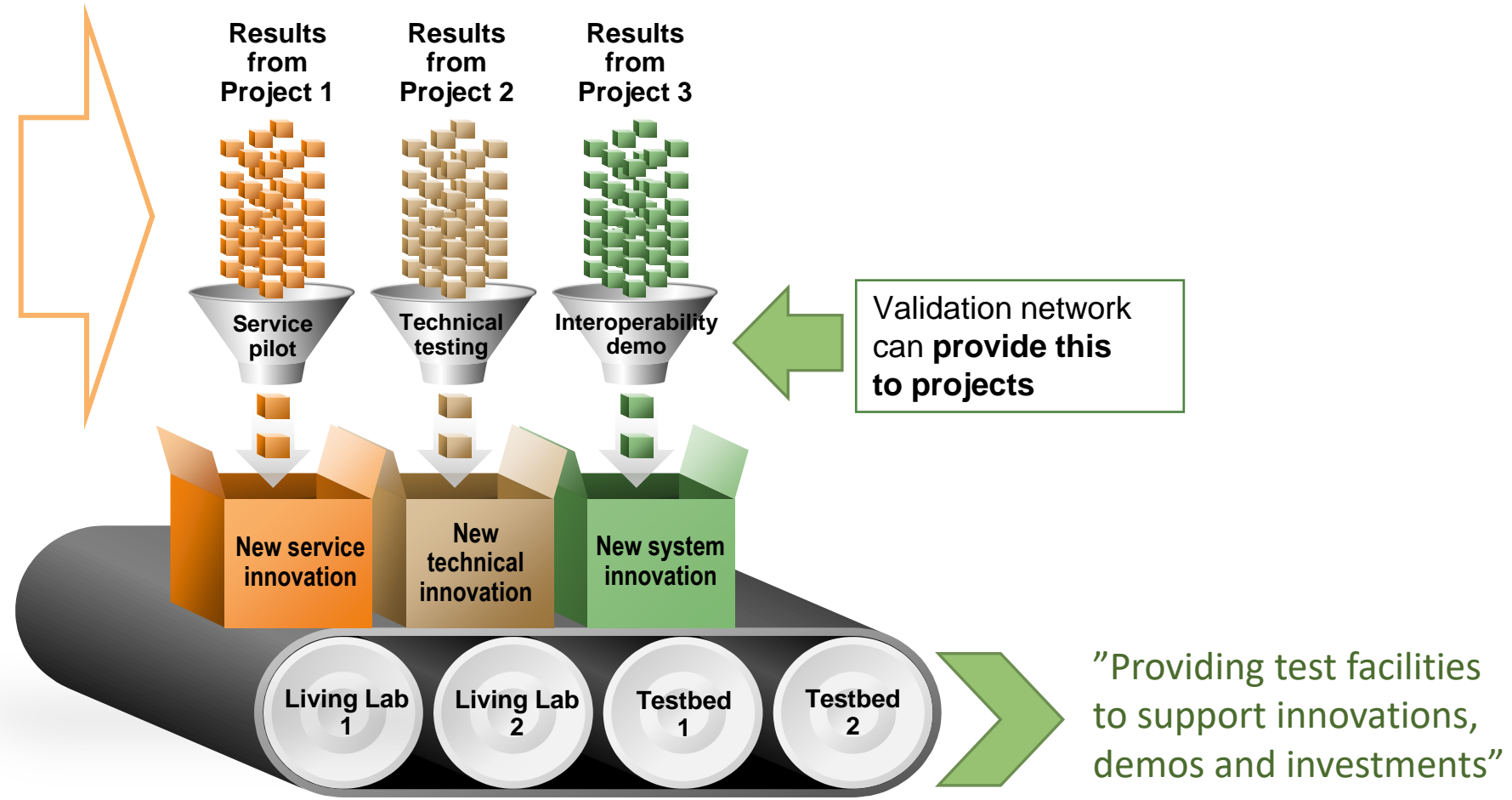
More information on the DPP services and contacts here:

[https://www.eranet-smartenergysystems.eu/Partners/Digital Platform Providers](https://www.eranet-smartenergysystems.eu/Partners/Digital%20Platform%20Providers)

Validation Network of Living Labs & Testbeds

Joint Call 2020 (MICALL20)
on digital transformation
for green energy transition
**provides financing
for transnational projects**

More information on the
Living Labs and Testbeds
services and contacts here:
https://www.eranet-smartenergysystems.eu/Partners/Living_Labs



Information card DPPs & LL



Find DPPs & LLs on JPP ERA-Net SES website under “Partners”. Click on the logo for more information

Get in contact with a DPP or LL

Partner	Name and Mission
	4Cast GmbH & Co. KG The 4Cast platform allows for scheduling renewable power and thus making it more valuable. It is based on machine learning, meteorological data banks and historical power generation data.
	Center Denmark Center Denmark unifies research results from the country's four major technical universities on the digitalization of energy systems and makes it accessible to industry and other interested parties
	CGI CGI is among the largest IT and business consulting firms in the world. It has been delivering end-to-end services and strategic IT solutions to the energy and utility sector for over 40 years
	Energenius Srl Energenius is an innovative small-scale start-up that offers a unique offer of energy consultancy by combining hardware market products for energy monitoring systems and advanced software solutions
	EnerIT Innovation Ltd. EnerIT is an innovative Hungarian-Austrian company with its own novel IoT Smart Energy Portfolio for managing energy consumption and subsequently reducing costs and increasing environmental awareness
	Engineering DSS GmbH Engineering DSS designs, develops, and manages innovative digital solutions for modernizing today's world with a focus on smart energy and utilities. It is also an experienced partner in R&D projects

100% RENEWABLE DISTRICT HEATING LEIBNITZ

DESCRIPTION

In co-operation of two different district heating (DH) operators the DH supply of the city of Leibnitz and the surrounding municipalities will be massively expanded over the next few years. The future DH system shall be supplied with 100% renewable energy from biomass and industrial waste heat. The central approach to achieve this, is to merge the two heating networks in order to enable the mutual exchange of heat to ensure an efficient, resource-saving supply. Particularly in winter, the northern operator (NO) provides heat from biomass to the southern operator (SO) on weekends when the TKV is out of operation, minimizing the gas boiler operation of the SO. In summer, the industrial excess heat, which cannot be utilized by the SO is distributed to the NO, which saves biomass feedstock. This operation strategy shall be embedded within an overall smart control system considering additional measures.

AREAS OF SPECIAL COMPETENCE

Smart municipal DH system as result of a merge of currently independent DH systems, covering distributed energy conversion facilities, industrial waste heat extraction, cascade heat supply, smart control, bidirectional heat transfer, etc.

WHAT CAN BE TESTED

The living lab will provide different possibilities to advance green energy transition in the district heating system of the City of Leibnitz while ensuring security of supply by different measures. These measures may include smart sector integration & using synergies with other infrastructures. Furthermore, user and stakeholder integration will take place.

AVAILABLE INFRASTRUCTURE

2 biomass heating plants (4 boilers, flue gas condensation), waste heat recovery (rendering plant), excess heat (biogas CHP plant), 4 thermal energy storages (3 additional storages with planned), 35 km of DH network.

HOW TO GET STARTED WITH US

Please use the contact data given for the Living Lab. For further information please visit <https://thermafex.greenenergylab.at>.

PRICING MODEL

Due to the different measures taken place within the living lab no specific costs can be mentioned and depends on the point of interest and will be defined individually with each partner of interest.

Selected Partner Contact

LEIBNITZ | 100% RENEWABLE DISTRICT HEATING

Leibnitz, Austria

Responsible organisation: AEE - Institute for Sustainable Technologies, Austria

Joachim Kelz
Ingo Leusbrock

CONTACT VIA EXPERA

CONTACT VIA B2MATCH

PARTNERING & MATCHMAKING PLATFORM

Join the knowledge sharing platform



ERA-Net SES - Contact the Initiative

Office

office@eranet-smartenergysystems.eu

Call Management

callmanagement@eranet-smartenergysystems.eu

Knowledge Community

knowledgecommunity@eranet-smartenergysystems.eu

Coordination

Austrian Federal Ministry for Climate Action

Coordinator: Michael Hübner

Joint Programming Platform Smart Energy Systems - Online

ERA-Net SES Website and newsletter registration

www.eranet-smartenergysystems.eu

Knowledge Sharing platform expera

www.smartgridsplus.eu

Matchmaking platform

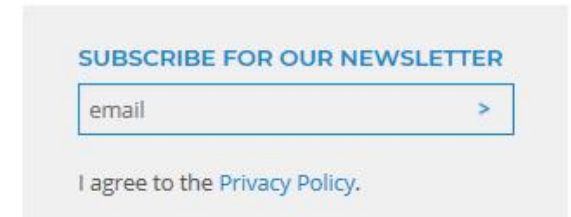
<https://jpp-ses-matchmaking-micall20.eranet.b2match.io/>

LinkedIn

<https://www.linkedin.com/in/eranet-smartgridsplus/>

Webinars & other events

https://eranet-smartenergysystems.eu/News_Events/Events



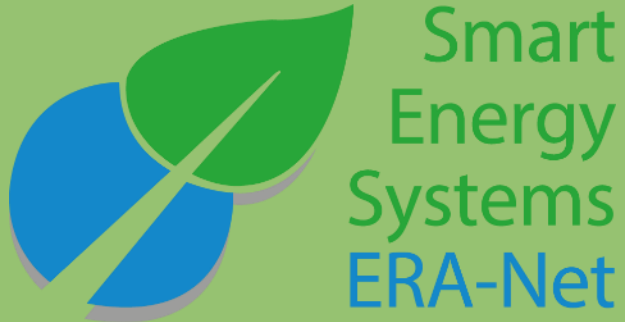
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Q&A



Funding Partners



This initiative has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreements no. 646039, 775970 and 883973.



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Agence de l'Environnement et de la Maîtrise de l'Energie



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Swiss Federal Office of Energy SFOE



Scottish Enterprise



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PTJ Projektträger Jülich Forschungszentrum Jülich



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Swedish Energy Agency

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The Research Council of Norway

Innovation Fund Denmark



EUDP

The Energy Technology Development and Demonstration Programme



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