



Smart
Energy
Systems
ERA-Net

Joint Programming Platform Smart Energy Systems

A Multilateral Initiative of Countries and Regions

Urban Peyker – Consortium Management

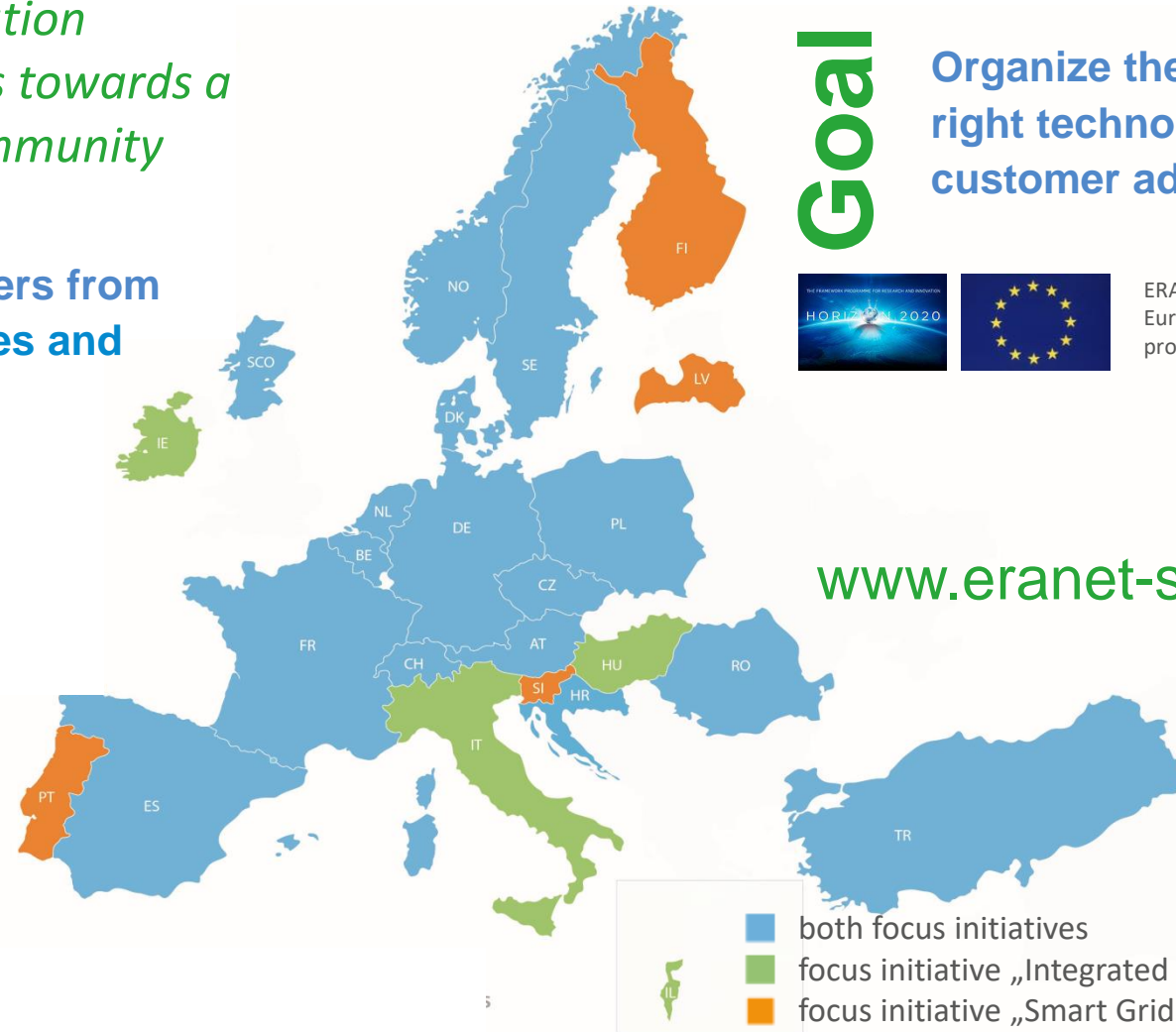
Austrian Research Promotion Agency - FFG

A multilateral network of public funders

Joint Programming for Innovation from Local and Regional Trials towards a Transnational Knowledge Community

30 Public funding partners from 23 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



Goal

Organize the learning to enable the right technologies, market designs and customer adoption



ERA-Net Smart Energy Systems has received funding from the European Union's Horizon2020 research and innovation programme under grant agreement No 64603 and No. 775970.

www.eranet-smartenergysystems.eu

Focus Initiatives

Smart Grids Plus

(Start 2015)

- 3 multilateral calls
- > 30 projects
- > 80 mio € funds

Integrated Regional Energy Systems

(2018)

- Extended scope – sector coupling
- Involvement of Associated Partners
- First multilateral call May 2018 (> 30 mio € funds)

Storage Systems

(2019)

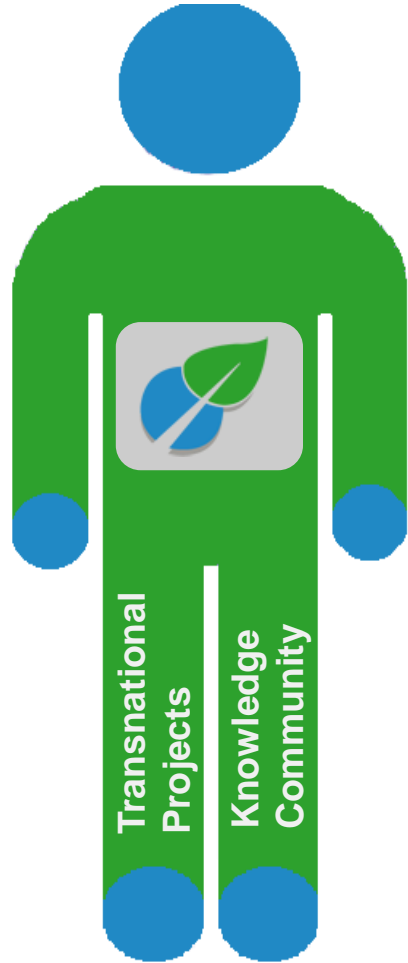
- Integrated storage solutions
- Multilateral call September 2019
- Mission Innovation “MICall19” (>22 mio € funds)

Digitalisation

(2020)

- unleashing the potential of digital transformation for energy transition
- First multilateral call 2020

More than funding of R&D projects: The Knowledge Community



MEMBERS

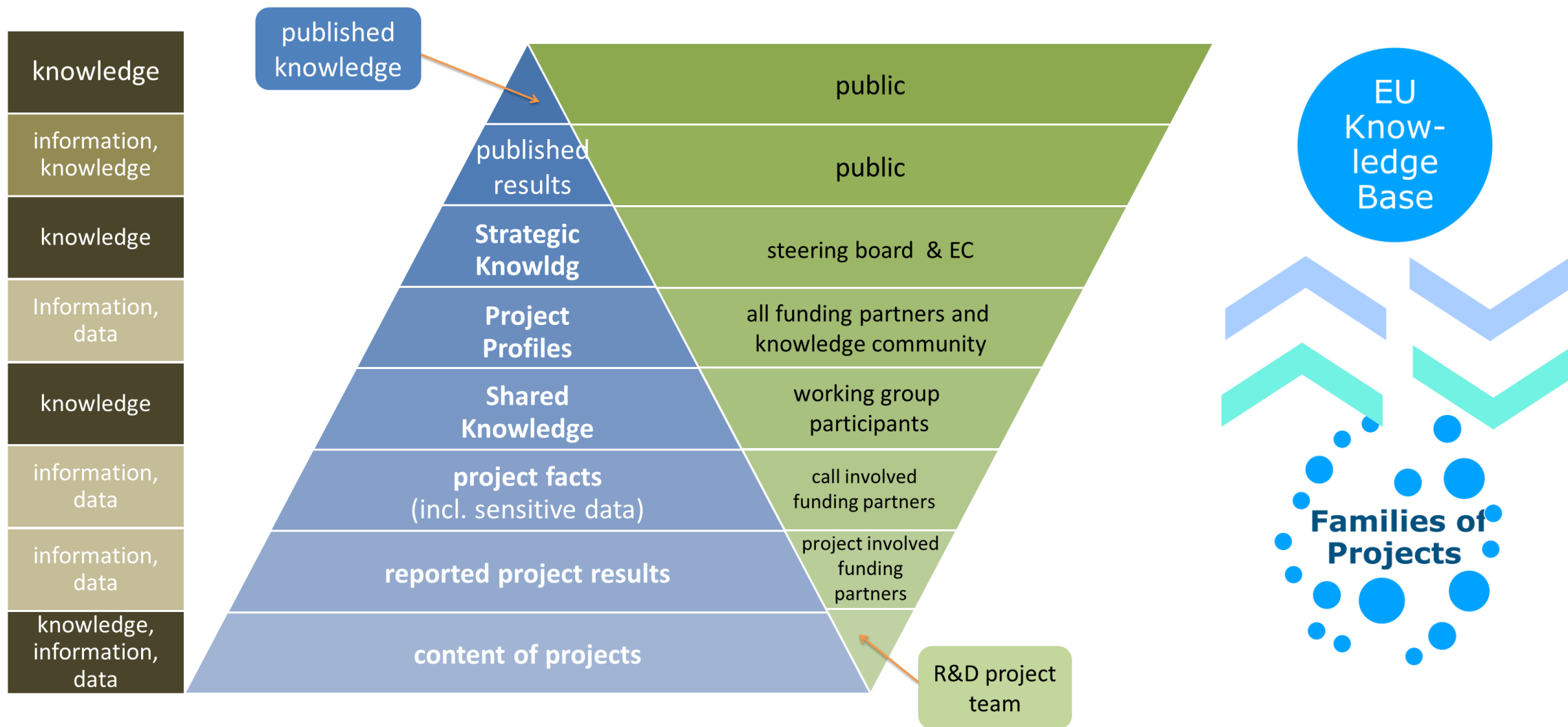
- ERA-Net SES projects
- National and transnational projects
- International RDD projects
- Smart Grids practitioners
- Agenda setters & policy makers

TOOLS

- Living Documents
- Working Groups
- Project Profiling (“Evaluation”)
- Expert Repository
- Spotlights and Policy Briefs

Register for expera: [https://www.eranet-smartenergysystems.eu/Community/Digital Knowledge Sharing Platform](https://www.eranet-smartenergysystems.eu/Community/Digital%20Knowledge%20Sharing%20Platform)

Sharing Knowledge from Projects to European Level



More than funding of R&D projects: The Impact Network Approach

Research and Development
(R&D)

Demonstration (RDD)

Innovation (RDI)
including Implementation, Real Life Tests,
Living Labs, etc.

Time to Market

Associated Partner Concept

Involvement of Associated Partners will not only improve the quality of the funded RDD projects but also increase their overall impact.

Categories of Associated Partners

- Regional development authorities
- Business development
- (Non RDD) funding institutions or programmes
- Enablers for software solutions

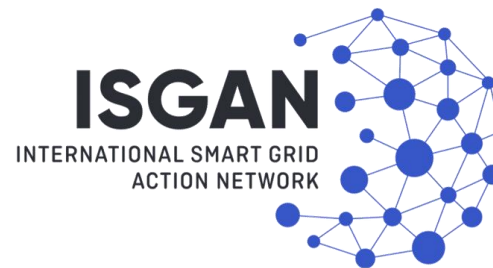
Roles of Associated Partners

- Provide outreach
- Shape calls
- Shape projects
- Co-finance

Benefits

- Help defining the research scopes
- Improve the quality of the funded RDD projects and increase their overall impact
- Assist with dissemination and transfer

Associated Partners (Examples)



Contacting the Initiative

Office

office@eranet-smartenergysystems.eu

Call Management

callmanagement@eranet-smartenergysystems.eu

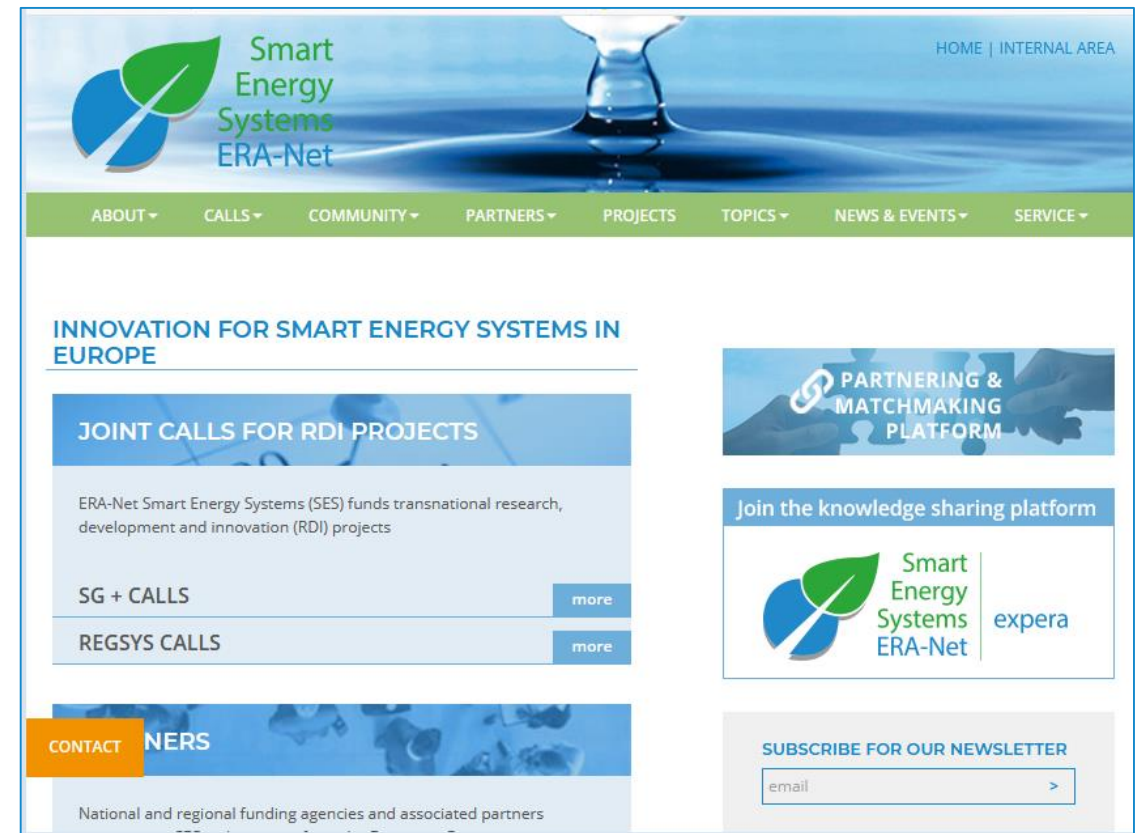
Knowledge Community

knowledgecommunity@eranet-smartenergysystems.eu

Coordination

Austrian Ministry for Transport, Innovation and Technology

Coordinator: Michael Hübner



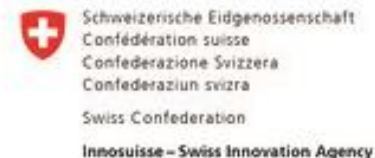
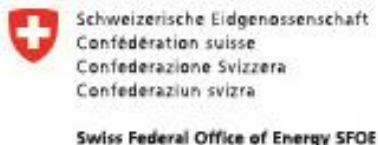
The screenshot shows the homepage of the Smart Energy Systems ERA-Net website. The header features the logo and navigation menu. The main content area highlights 'INNOVATION FOR SMART ENERGY SYSTEMS IN EUROPE' with a section for 'JOINT CALLS FOR RDI PROJECTS'. A sidebar on the right includes a 'PARTNERING & MATCHMAKING PLATFORM' and a 'Join the knowledge sharing platform' section with the 'expira' logo. At the bottom, there is a 'CONTACT PARTNERS' section and a newsletter subscription form.



ADEME



Agence de l'Environnement et de la Maitrise de l'Énergie



Smart Energy Systems ERA-Net

Funding Partners



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