



Smart  
Energy  
Systems  
ERA-Net

# Joint Programming Platform Smart Energy Systems

Michael Hübner

Coordinator

SmartSpend, September 2020

# 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**



ERA-Net Smart Energy Systems has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreements No. 64603 and No. 775970.

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

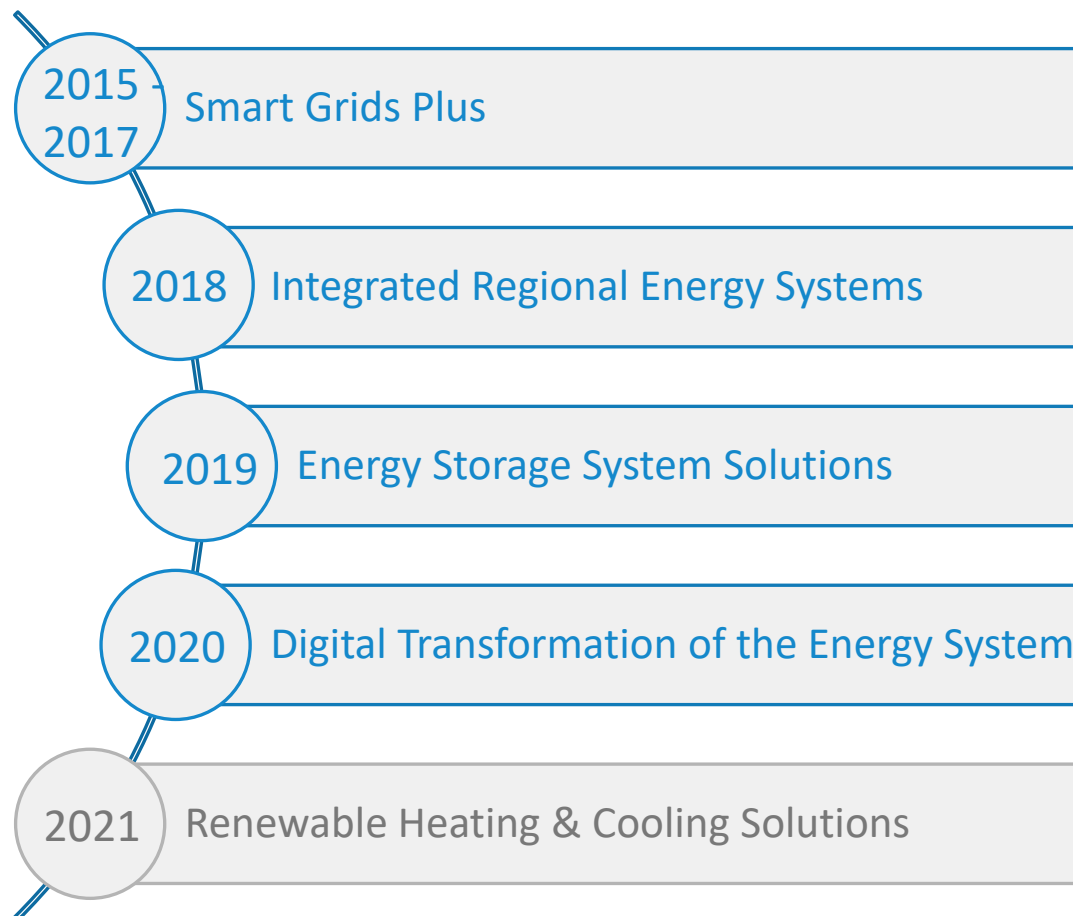
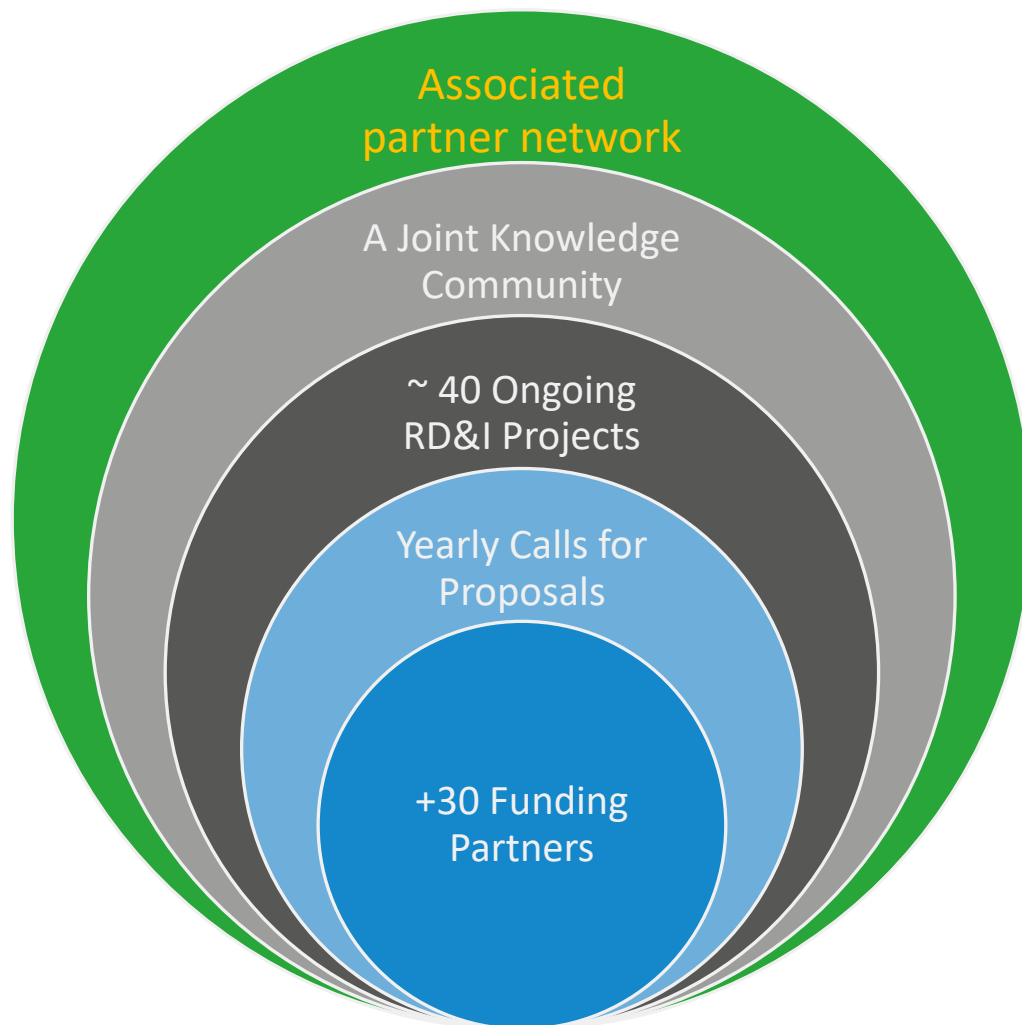


**Goal**

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

# Enhancing Innovation on Smart Energy Systems



# Joint Call 2020: Unleashing the potential of Digitalisation for the Energy Transition

Initial MCall20 partner countries and regions



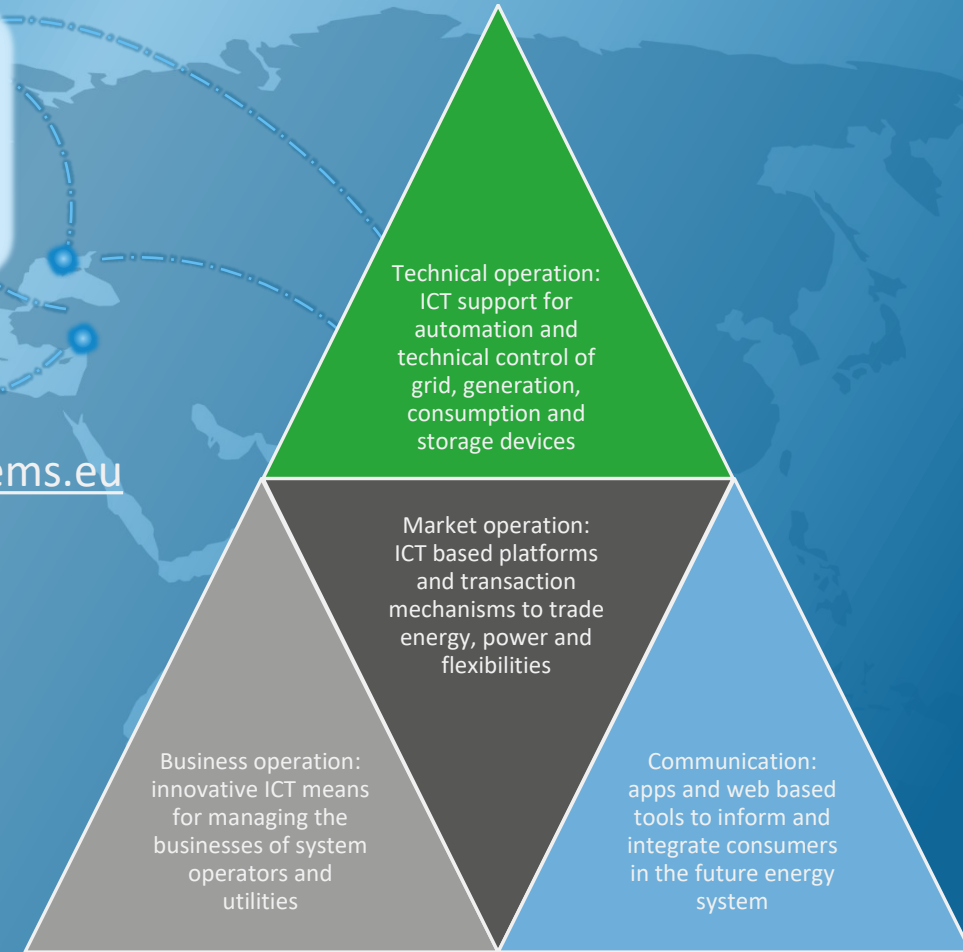
>> MCall20



More info:

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

“Calls”



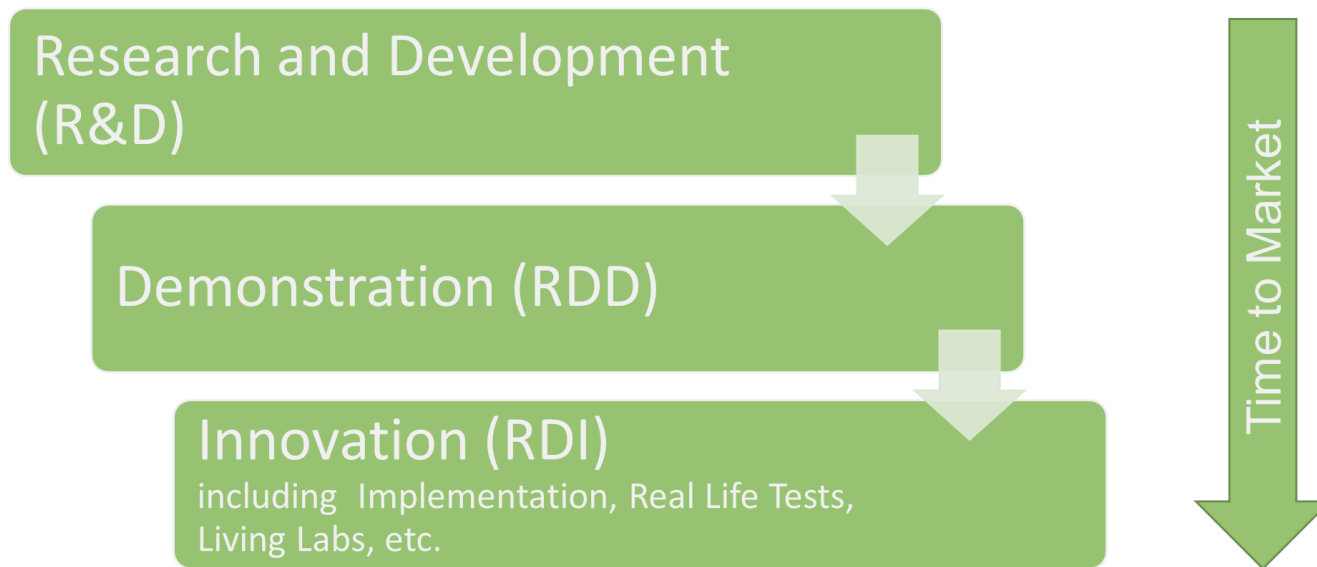
> € 20 million  
funding budget for  
transnational projects



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**Long term Objective: Support the Energy Transition Towards a Decarbonised, Secure and Resilient Energy System**

# Impact Network Approach



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) funders and investors
- 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



# Horizon Europe: New approach to European partnerships

New generation of objective-driven and more ambitious partnerships in support of agreed EU policy objectives

## Key features

- **Simple architecture and toolbox**
- **Common set of criteria**
- **Coherent life-cycle approach**
- **Strategic orientation**

### Co-programmed

Based on Memoranda of Understanding / contractual arrangements; implemented independently by the partners and by Horizon Europe

### Co-funded

Collaboration of national and regional public RDI funding programs; commitment of partner programs for financial and in-kind contributions + financial contribution by Horizon Europe

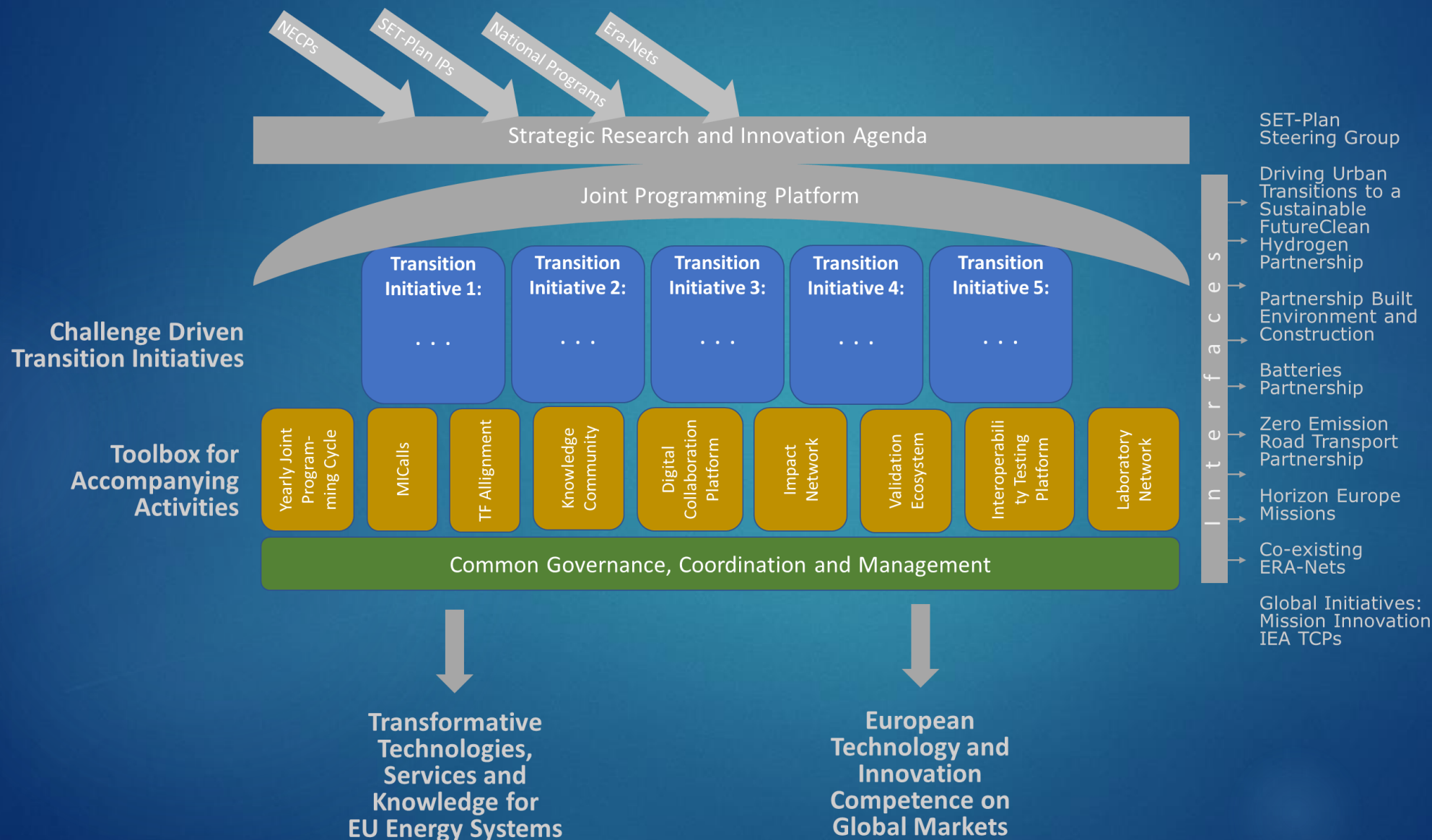
### Institutionalised

Based on long-term dimension and need for high integration; partnerships based on Articles 185 / 187 of TFEU and the EIT-Regulation supported by Horizon Europe






# Clean Energy Transition Partnership



# Invitation: Joint Programming Conference 14-16 Oct

Joint Programming Conference Smart Energy Systems 2020			
14 October	15 October	16 October	
<p>10:00-13:30 // public <b>Policy Conference: integrated energy systems for the clean energy transition</b> Set-Plan initiatives and funding networks</p>	<p>10:00-13:30 // public <b>Joint Programming Platform Smart Energy Systems (JPP SES) - Status Conference</b></p>	<p>10:00-13:30 // program owners and managers <b>Program Level Scoping Workshop: focus area on renewable heating and cooling</b> in cooperation with ERA-Net Geothermica</p>	<p>10:00-13:30 // ERA-Net SES projects <b>JPP SES Project Family Meeting</b> by invitation only</p>
<ul style="list-style-type: none"> <li>- IWG 4 implementation plan</li> <li>- ETIP SNET roadmap and implementation plan</li> <li>- ETIP Renewable Heating and Cooling (RHC) Strategic Research and Innovation Agenda (SRIA)</li> <li>- EnerDigit Joint Call 2020 (MlCall20) by JPP SES and Mission Innovation</li> <li>- JPP SES Living Labs and Digital Platform Providers Networks</li> <li>- European Energy Research Alliance (EERA)</li> </ul>	<ul style="list-style-type: none"> <li>- Updates &amp; outlook ERA-Net Smart Energy Systems</li> <li>- Associated Partners Network</li> <li>- Knowledge Community Meeting</li> <li>- Pitches</li> </ul>	<ul style="list-style-type: none"> <li>- Keynotes: Research and innovation challenges in Renewable Heating and Cooling</li> <li>- Spotlights: Country perspectives</li> <li>- Pitches: Inspiring projects</li> <li>- Plenary discussion: potential topics for multilateral collaboration in joint programming</li> </ul>	<ul style="list-style-type: none"> <li>- Updates for ERA-Net SES funded projects: reporting</li> <li>- Communication workshop</li> <li>- Networking</li> </ul>
Lunch break (13:30-14:00 pm CEST)			
<p>14:00-17:30 // public <b>Connectathon for MlCall20: regional innovation ecosystems for clean energy transition**</b>  With the JPP SES Living Labs and Digital Platform Providers Networks, Associated Partners, funded projects and applicants of the upcoming MlCall20</p>	<p>14:00- 16:30 // public external event <b>100% RHC EVENT 2020: The RHC ETIP Annual Conference Online*</b>  Find all information and registration for this session on <a href="#">ETIP RHC's website</a></p>		
<ul style="list-style-type: none"> <li>- <b>READY:</b> Who can make clean energy transition happen at the local field level?!</li> <li>- Introducing the key players</li> <li>- <b>SET:</b> Sources of funding: EnerDigit Joint Call 2020</li> <li>- <b>GO:</b> Co-creating the puzzle pieces for a family of projects for a clean energy future</li> </ul>	<ul style="list-style-type: none"> <li>- RHC ETIP's SRIA for the RHC sector</li> <li>- Update and discussion: Status of the Clean Energy Transition Partnership SRIA and its interlinks with the RHC innovation agenda</li> <li>- Panel discussion: Innovative technology developments for 100% RHC</li> <li>- National roundtable: Approaches for targeting a 100% RHC future</li> </ul>		



# Contact the JPP SES

## Office ERA-Net Smart Energy Systems

[office@eranet-smartenergysystems.eu](mailto:office@eranet-smartenergysystems.eu)

## Call Management

[callmanagement@eranet-smartenergysystems.eu](mailto:callmanagement@eranet-smartenergysystems.eu)

## Knowledge Community

[knowledgecommunity@eranet-smartenergysystems.eu](mailto:knowledgecommunity@eranet-smartenergysystems.eu)

## Coordination

Austrian Ministry for Transport, Innovation and Technology

Coordinator: Michael Hübner

LinkedIn: <https://www.linkedin.com/in/michael-huebner-bmvit/>

Twitter: <https://www.linkedin.com/in/michael-huebner-bmvit/>





## Michael Hübner

- Austrian Federal Ministry of Climate Action, Directorate Innovation and Technology, Department of Energy and Environmental Technologies
- Co-Chair SET-Plan Working Group on EU SET-Plan Action 4- Energy Systems and Networks (SET-Plan Steering Group)
- Co-Chair ETIP SNET GB, Chair National Stakeholders Coordination Group “Smart Networks for the Energy Transition” (European Technology and Innovation Platform ETIP SNET)
- Coordinator Joint Programming Platform Smart Energy Systems
- EXCO International Smart Grids Action Network (ISGAN)
  - a TCP of the International Energy Agency (IEA) and CEM Initiative
  - Co-Chair 2016-17
- MI Austrian Delegate and IC1 member

- [michael.huebner@bmvit.gv.at](mailto:michael.huebner@bmvit.gv.at)
- <https://www.linkedin.com/in/michael-huebner-bmvit/>
- <https://twitter.com/MichaelLonGUAT>



*Thanks for Listening!*

Michael Hübner  
Coordinator JPP Smart Energy Systems  
[michael.huebner@bmvit.gv.at](mailto:michael.huebner@bmvit.gv.at)