Smart Energy Systems 2020

October 14-16, online

From October 14 to 16 2020 the Joint Programming Conference Smart Energy Systems will bring together for the second time SET-Plan initiatives and funding networks in the field of energy systems and system integration. The Joint Programming Platform Smart Energy Systems (JPP SES) together with collaboration partners (ETIP SNET, ETIP Renewable Heating & Cooling, ERA-Net GEOTHERMICA, EERA and partners of Mission Innovation) and the European Commission gather a powerful network of national and regional funding programs, transnational RDI projects and initiatives, SET-Plan working groups, European Technology and Innovation Platforms and EERA-Joint Programs.

Join to

- get the latest update on current initiatives in the context of the SET-Plan topic Energy Systems
- get first-hand information on our upcoming call for projects and speed-date potential consortium partners
- engage in the discussion with high-level speakers and decision-makers
- build connections during unique networking opportunities

Register here to reserve one of the limited spots (first come, first serve). Pending on availability of free spots, registration is open until 1 October. Access to the Online Workshop will be provided after registration and shortly before the event. Please find the latest version of the agenda on the website here.

BACKGROUND

The Joint Programming Platform Smart Energy Systems (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.eranet-smartenergysystems.eu.

COOPERATION PARTNER

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PRELIMINARY SCHEDULE (CEST)

Joint Programming Conference Smart Energy Systems 2020			
14 October	**15 October**	**16 October**	
10:00-13:30 // public **Policy Conference: integrated energy systems for the clean energy transition** Set-Plan initiatives and funding networks	10:00-13:30 // public **Joint Programming Platform Smart Energy Systems (JPP SES) - Status Conference**	10:00-13:30 // program owners and managers **Program Level Scoping Workshop: focus area on renewable heating and cooling** in cooperation with ERA-Net GEOTHERMICA	10:00-13:30 // projects **JPP SES Project Family Meeting** (by invitation only)
- IWG 4 implementation plan - ETIP SNET roadmap and implementation plan - ETIP Renewable Heating and Cooling (RHC) Strategic Research and Innovation Agenda (SRIA) - EnerDigit Joint Call 2020 (MICall20) by JPP SES and Mission Innovation - JPP SES living labs and Digital Platform Providers Networks - European Energy Research Alliance (EERA)	- Updates & outlook ERA-Net Smart Energy Systems - Associated Partners Network - Knowledge Community Meeting - Project pitches	- Keynotes: Research and innovation challenges in Renewable Heating and Cooling - Spotlights: Country perspectives - Pitches: Inspiring projects - Plenary discussion: potential topics for multilateral collaboration in joint programming	- Updates for ERA-Net SES funded projects: Reporting - Communication workshop - Networking
Lunch break (13:30-14:00 pm CEST)			
14:00-17:30 // public **Connectathon for MICall20: regional innovation ecosystems for clean energy transition** With the JPP SES Validation and Digital Platform Providers Networks, Associated Partners, funded projects and applicants of the upcoming MICall20	14:00- 16:30 // public external event **100% RHC EVENT 2020: The RHC ETIP Annual Conference Online***		
- **READY**: Who can make clean energy transition happen at the local field level?! Introducing the key players - **SET**: Sources of funding: EnerDigit Joint Call 2020 - **GO**: Co-creating the puzzle pieces for a family of projects for a clean energy future	- RHC ETIP's SRIA for the RHC sector - Update and discussion: Status of the Clean Energy Transition Partnership SRIA and its interlinks with the RHC innovation agenda - Panel discussion: Innovative technology developments for 100% RHC - National roundtable: Approaches for targeting a 100% RHC future		

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POLICY CONFERENCE:

INTEGRATED ENERGY SYSTEMS FOR THE CLEAN ENERGY TRANSITION

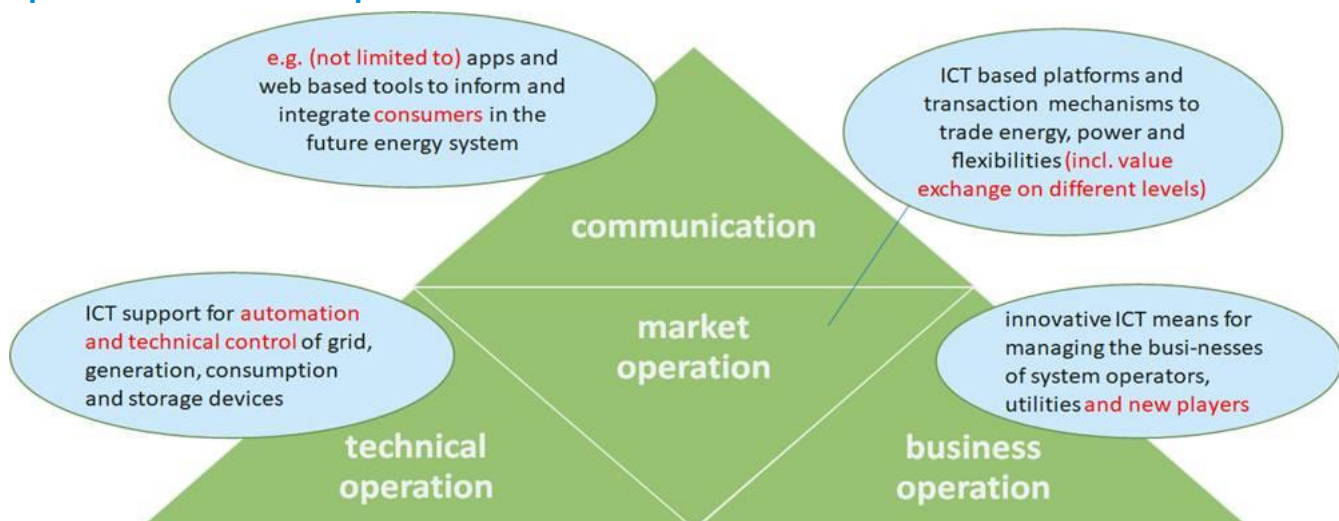| Smart Energy Systems Conference 2020	
Policy Conference: **Integrated Energy Systems for the Clean Energy Transition** Set-Plan Initiatives and Funding Programmes	
WHEN?	**14 October, 10:00-13:30 CEST** | free registration
WHO?	**Host:** Joint Programming Platform Smart Energy Systems in cooperation with the European Commission, partners of Mission Innovation, ETIP SNET, ETIP Renewable Heating & Cooling, ERA-Net GEOTHER-MICA and EERA **Invited audience:** - Stakeholders and decision makers in the Energy Sector - Members of ETIPs, EERA Joint Programmes and ERA-Nets - ERA-Net SES Associated Partners - Research, development and innovation projects - Interested public
WHAT?	- Gathering of SET-Plan initiatives in the field of Energy System Integration - Key Notes: Recent outcomes from IWG and ERA-Nets and the strategic role of system innovation topics in the SET-Plan - Discussion: Perspectives from ETIPs, member states, research projects, the EC etc. With • Updated SET Plan Implementation plan IWG 4- Michele de Nigris, Co-Chair of IWG 4 Energy Systems (tbc) • ETIP SNET roadmap and implementation plan - Nikos D. Hatziargyriou, ETIP SNET Vice-Chair • ETIP RHC: annual update to the Strategic Research and Innovation Agenda (SRIA) – Gerhard Stryi-Hipp, president of the European Technology Platform on Renewable Heating and Cooling's Horizontal Working Group on 100% Renewables Energy Cities • EnerDigit MICall20 for projects – Fredrik Lundström, Co-Chair of the Steering Board of JPP SES • JPP SES Living Labs – Jatta Jussila, JPP SES Knowledge Community Management • JPP SES Digital Platform Providers Network to boost the digital transformation – Ludwig Karg, JPP SES Knowledge Community Management • Energy systems integration needs systemic regulatory changes – Laurens de Vries, Coordinator of European Energy Research Alliance (EERA) Joint Programme on Energy Systems Integration
WHY JOIN?	- Learn about and engage in the ongoing strategic discussions - Get the latest update on current initiatives in the context of the SET-Plan topic Energy Systems

CONNECTATHON FOR MICALL 20:

REGIONAL INNOVATION ECOSYSTEMS FOR CLEAN ENERGY TRANSITION

Smart Energy Systems Conference 2020 **Connectathon for MICall20: regional innovation ecosystems for clean energy transition**	
WHEN?	**14 October, 14:00-17:30 CEST** | free registration
WHO?	**Host:** Joint Programming Platform Smart Energy Systems in cooperation with partners of Mission Innovation **Invited audience:** - Members of the JPP SES Living Labs - Members of the JPP SES Digital Platform Providers Network - ERA-Net SES Associated Partners - ERA-Net SES funded projects - Applicants of the upcoming ERA-Net SES Joint Call - Interested public
WHAT?	- **READY**: Who can make clean energy transition happen at the local field level?! Introducing the key players - **SET**: Sources of funding: EnerDigit Joint Call 2020 - **GO**: Co-creating the puzzle pieces for a family of projects for a clean energy future
WHY JOIN?	- Exchange with key players of regional innovation ecosystems - Receive guidance for a successful project proposal - **Get started with building your consortium and drafting a proposal outline**

Find here the latest update on the Joint Call 2020 (MICall20). In your registration, for the connectathon please specify your area of primary interest: communication, technical operation, market operation or business operation.

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JOINT PROGRAMMING PLATFORM SMART ENERGY SYSTEMS (JPP SES):

STATUS CONFERENCE

Smart Energy Systems Conference 2020 **JOINT PROGRAMMING PLATFORM SMART ENERGY SYSTEMS (JPP SES):** **Status Conference**	
WHEN?	**15 October, 10:00-13:30 CEST** | free registration
WHO?	**Host:** Joint Programming Platform ERA-Net Smart Energy Systems **Invited audience:** - Members of the JPP SES Validation Network - Members of the JPP SES Digital Platform Providers Network - ERA-Net SES Associated Partners - ERA-Net SES funded projects - Interested public

WHAT?	- **LOOKING BACK…**
	     Celebrating progress and learnings in times of crisis
	- **DIVING DEEP**
	     Knowledge Community Meeting: Working Groups
	- **… AND LEAPING FORWARD**
	     What lies ahead? & reasons for being optimistic
	
	Topics
	- Updates & Outlook ERA-NET
	- Associated Partner Network
	- Knowledge Community Meetings
	- Project pitches

WHY JOIN?	- Learn about the JPP ERA-Net SES and its Knowledge Communities' past, present and future - Be inspired by recent results of transnational research, development and demonstration projects - Mingle with and make the most of the JPP SES core-network

100% RHC EVENT 2020:

THE RHC ETIP ANNUAL CONFERENCE ONLINE

Smart Energy Systems Conference 2020 **100% RHC EVENT 2020:** **The RHC ETIP Annual Conference Online**	
WHEN?	**15 October, 14:00-16:30 CEST** | free registration
WHO?	**Host:** European Technology and Innovation Platform on Renewable Heating and Cooling **Invited audience:** - Funding agencies - RDI projects - Interested public
WHAT?	- **Presentation** of RHC ETIP's Strategic Research & Innovation Agenda (SRIA) for the RHC sector - **Keynote speech** from RHC ETIP's Chair, Javier Urchueguía - **Presentation** on the status of the **Clean Energy Transition Partnership's Strategic Research and Innovation Agenda (CETP SRIA)** by Michael Hübner, Co-Chair of the SET-Plan Implementation Working Group 4 on Energy Systems - **Panel discussion** on innovative technology developments for a 100% RHC sector: the opportunity to discuss about how the RHC ETIP imagines a 2050 scenario based on 100% renewable heating and cooling in buildings, cities, districts and industry, and what are the needs from the research and innovation field to reach this target. - **National roundtable**: representatives from different sectors of an EU member state will exchange their views on how the target of a 100% renewable heating and cooling future is being approached in that country.
WHY JOIN?	The 100% RHC EVENT is the perfect occasion to present RHC ETIP's upcoming publication, the Strategic Research & Innovation Agenda for the RHC sector – SRIA. This document will be the backbone of the 100% RHC Event 2020
ALL INFO	https://www.rhc-platform.org/100rhc-event/

JPP SES AND GEOTHERMICA PROGRAM LEVEL SCOPING:

DEVELOPING A NEW FOCUS AREA

Smart Energy Systems Conference 2020 **Program Cooperation Scoping Heating and Cooling:** **Developing a New Focus Area**	
WHEN?	**16 October, 10:00-13:15 CEST** | free registration
WHO?	Joint Programming Platform ERA-Net Smart Energy Systems in cooperation with ERA-Net GEOTHERMICA **Invited audience:** Program owners and managers of national and regional funding programs
WHAT?	**Agenda** 10:00| Welcome 　　　　Guðni A. Jóhannesson, ERA-Net GEOTHERMICA; Fredrik Lundström, ERA-Net SES and 　　　　moderator Ludwig Karg, ERA-Net SES 10:15| Keynote: Research and innovation challenges in Renewable Heating and Cooling 　　　　Javier Urchueguía, Chair of ETIP RHC 10:35| Perspectives from IEA TCPs 　　　　Ralf Roman Schmidt, alternate ExCo Member Austria of IEA TCP DHC 　　　　Stephan Renz, Chair of IEA TCP HPT 　　　　Daniel Mugnier, Chair of IEA TCP SHC 　　　　Teun Bokhoven, Chair of IEA TCP ECES 　　　　Lothar Wissing, Chair of IEA TCP Geothermal 11:00| Status of Heating and Cooling networks R&I within Horizon 2020 　　　　Constanza Saletti and Mirko Morini 11:10| Pitches: Inspiring projects – paving the way for transnational RDI collaboration 　　　　Jakob Worm, HEATflex 　　　　Holger Cremer, HEATSTORE 　　　　Anna Nilsson, Flexi-Sync 　　　　Herman Eijdems, Minewater 11:30| Break 11:50| Kicking off the discussion - program owners and program managers only! 12:10| Spotlights: Country perspectives 12:25| Plenary discussion among program owners and managers: Identifying potential areas for 　　　　multilateral collaboration in joint programming and interest from funding programs 　　　　Moderated by Paul Ramsak, ERA-Net GEOTHERMICA 12:45| Way forward 　　　　Hjalti Páll Ingólfsson, ERA-Net GEOTHERMICA 13:00| Wrap up by ERA-Net GEOTHERMICA, ERA-Net SES and Paul Ramsak, ERA-Net GEOTHERMICA 13:15| End of the session
WHY JOIN?	- 　Learn about important challenges in the field of renewable heating and cooling - 　Lay the ground for a new focus initiative under the umbrella of JPP SES and GEOTHERMICA, 　　preparing for CETP - 　Bring in your perspective – what topics are important for your country or region?

JPP SES PROJECT FAMILY MEETING:

BECOMING FAMILIAR DESPITE THE DISTANCE

Smart Energy Systems Conference 2020 **JPP SES Project Family Meeting**	
WHEN?	**16 October, 10:00-13:30 CEST** | by invitation
WHO?	**Host:** Joint Programming Platform ERA-Net Smart Energy Systems **Invited audience:** - ERA-Net SES funded projects
WHAT?	- Updates for ERA-Net SES funded projects: Reporting - Communication workshop - Networking and seek and match with your peer projects Further information will be provided in your project's invitation.
WHY JOIN?	- Receive important information for your project, ask questions to your Support Team and mingle with the project family