

NEW FOCUS INITIATIVE ON DIGITALISATION OF THE ENERGY SYSTEM

Workshop in cooperation of JPP SES and DG Ener

From October 7 to 10 October the Joint Programming Platform (JPP) on Smart Energy Systems (SES) invites to its **Smart Energy Systems Conference 2019**. For this event, JPP SES closely cooperates with the EC DG ENER, E.DSO (the key-interface between Europe’s DSOs and the European institutions) and EASE (the European Association for Storage of Energy). Further partners are from the global Mission Innovation Initiative (MI).

The conference hosts a series of workshops with funded projects, SET-Plan Action 4 contributors, Associated Partners from local businesses, additional financiers and potential technology buyers (see overview table below). On Wednesday, Oct. 9, **JPP SES and DG Ener jointly invite for a specific networking workshop** where Horizon 2020 funded projects and JPP SES funded projects can meet and exchange with respect to the planned new “focus initiative on digitalisation of the energy system”. For an outline and agenda see page 2.

If you want to follow the invitation to the **specific workshop on digitalisation register here**. To learn more details and register for **other workshops register here**.

OVERVIEW

Joint Programming Platform Smart Energy Systems Conference 2019 in cooperation with E.DSO and EASE					
	7 October	8 October		9 October	10 October
Morning	10:45-13:00 Associated Partners Meeting (on invitation)	8:45-13:00 NSCG SNET Meeting*	8:45-13:00 Matchmaking for MICall19 applicants & supporters	8:45-13:00 ERA-Net SES Family of Projects Meeting (project partners and invited guests)	Integrating the Energy Systems Joint Meeting of SET-PLAN Working Groups: IWG 3.1, IWG 3.2, IWG 4 & IWG 5*** (for IWG members and invited guests)
Lunchtime	13:00-14:00: Lunch				
Afternoon	14:00-16:00 Status Conference with presentation of project results	14:00- 18:00 Knowledge Community Meetings & peer-to-peer feedback sessions		14:00-16:00 ERA-Net SES Family of Projects Meeting (continued)	
	16:00-18:00 European launch of the Joint Call 2019 for RDD projects (MICall19)			16:00-18:00 New focus initiative on digitalisation of the energy system (on invitation)**	
Evening	from 19:00 Social event with dinner speech (on invitation)	from 19:00 Working dinner with guided networking opportunities			

* Please register separately for this side-event and find information [here](#).

** Please register separately for this side-event.

*** Please register separately for this side-event.

DIGITALISATION OF THE ENERGY SYSTEM

Smart Energy Systems Conference 2019	
New focus initiative on digitalisation of the energy system (on invitation)**	
Time and Place	9 October, 16:00-18:00 La Bourse, Place d'Armes 1, 5000 Namur
Host	Joint Programming Platform Smart Energy Systems in cooperation with European Commission DG Ener
Objective	<ul style="list-style-type: none"> networking of ICT & Energy projects funded on EU or transnational level and respective programmes (with <u>emphasis on big data, interoperability and security</u>) aligning recommendations of these projects as a basis for convergence of terminology, views and interoperability approaches outlining cooperation opportunities between H2020 / H Europe projects and JPP SES activities (e.g. planned JPP SES Focus Initiative on digitalisation of the energy system)
Participants	<ul style="list-style-type: none"> Representatives of EC DG Ener JPP SES Coordination, Call Management and Knowledge Community Management (also representing Focus Initiative on Digitalisation) Representatives of respective EU level projects: <ul style="list-style-type: none"> H2020-LCE-2017-SGS <ul style="list-style-type: none"> INTERRFACE COORDINET DT-ICT-10-2018: Interoperable and smart homes and grids; <ul style="list-style-type: none"> INTERCONNECT DT-ICT-11-2019: Big data solutions for energy; <ul style="list-style-type: none"> projects selected (to be announced by October) LC-SC3-ES-5-2018-2020: TSO – DSO – Consumer: <ul style="list-style-type: none"> Large-scale demonstrations of innovative grid services through demand response, storage and small-scale (RES) generation TDX-ASSIST 1 other tbd Representatives of respective JPP SES projects <ul style="list-style-type: none"> CERA, cESEPS, ReFlex, LarGo! GridFriends etc. selected key experts from ICT industry

¹ Coordination of Transmission and Distribution data eXchanges for renewables integration in the European marketplace through Advanced, Scalable and Secure ICT Systems and Tools)

Agenda	<ul style="list-style-type: none">• Introduction: EC view on Energy & ICT (Mark van Stiphout) – 5 min• Introduction: JPP SES view on Energy & ICT (Michael Hübner) – 5 min• Get to know each other: short project presentations – 20x99 secs = 30 min• Setting the stage: recommendations from JPP SES Working Groups on System Architecture, Standards and Interoperability ² and new JPP SES approaches ³ (Ludwig Karg) – 10 min• Interactive Mapping Session (Puzzle Method) – 60 min<ul style="list-style-type: none">◦ for topics presented before: projects note their contributions or positions and link them together◦ after short presentation and discussion: add notes as to potential joint next steps• Feedback and Wrap-up (Mark van Stiphout and Michael Hübner) – 10 min
Benefits / Goals (for participants)	<ul style="list-style-type: none">• meet other project consortia and key partners• influence further funding activities• leverage own project and programme results

** Only invited parties can register for this side-event.

² topics: SGAM and its extensions; reference architectures; standards framework for smart grids; cellular systems and platforms for Local Energy Communities

³ topics: European Interoperability Testing Collaboration Platform; Network of living labs; Associated ICT Partners

BACKGROUND

The Joint Programming Platform Smart Energy Systems (JPP SES)⁴

is 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.

JPP SES with 30 public funding partners from 23 countries has broad involvement of many countries and regions in Europe and beyond. It provides a sustainable transnational collaboration network, contributing to turn the implementation plan of the European Strategic Energy Technology Plan (SET-Plan) Action 4 on Energy Systems into action. The involved funding agencies provide a multi-annual series of joint calls for RDD projects in the focus initiatives “Smart Grids Plus” and “Integrated Regional Energy Systems”

Between 2015 and 2018 JPP SES has organised four transnational joint calls with public funding of more than 100 Mio Euro. The Joint call 2019 on storage solutions has opened on Sept. 18 and invites funding partners from Mission Innovation⁵ countries from outside Europe (“MICall19”). In 2021 another call on Integrated Regional Energy Systems is planned. Two of these six joint calls have been co-financed by the European Commission under the ERA-Net co-fund instrument (ERA-Net Smart Grids Plus, ERA-Net RegSys).

A new focus initiative on the “Digitalisation of Energy Systems” is in preparation. In these day, JPP SES is preparing its cooperation network for this extension of its initiative.

⁴ <https://www.eranet-smartenergysystems.eu>

⁵ [Mission Innovation](#) is a global initiative of 24 countries and the European Commission, working to accelerate clean energy innovation. JPP SES has organised a [side event at the Mission Innovation Ministerial 2019](#) in Vancouver, where a core group of Mission Innovation Countries committed to join the ‘MICall19’