

**ETIP SNET**EUROPEAN TECHNOLOGY AND INNOVATION PLATFORM  
SMART NETWORKS FOR ENERGY TRANSITION

E.ON Energy Research Center

RWTH AACHEN  
UNIVERSITY

Karlsruher Institut für Technologie



# AACHEN WORKSHOP AGENDA - SEPTEMBER 18

Time	Speaker	Topic
10h15 – 10h45	<i>Registration and Welcoming Coffee</i>	
10h45 – 11h	<b>Prof. Antonello MONTI</b> , Director of the Institute for Automation of Complex Power Systems, E.ON Energy Research Centre, RWTH Aachen University	Welcoming words
	<b>Konstantin STASCHUS</b> , ETIP SNET Chair	Introductory Speech
11h – 11h15	<b>Jens BARTHOLMES</b> , DG Energy, European Commission	R&I activities on smart grids and energy storage co-financed by the European Commission.
11h15 – 11h30	<b>Eric PEIRANO</b> , ETIP SNET Support Team	Introduction to R&I activities in the scope of the ETIP SNET; presentation of the R&I roadmap 2016-2025.
Project session 1 (Projects addressing topics within the scope of ETIP SNET's Working Group 1 (WG1): "Reliable, economic and efficient smart grid system")		
11h30 – 11h45	<b>Frank WIERSMA</b> , TenneT, WG1 Representative	Presentation of the scope and activities of WG1, focusing on the business and technology trends contributing to the overall energy system optimization at affordable costs.
11h45 - 12h10	<b>Joshu JULLIER</b> (Swissgrid)	Hybrid AC/DC overhead lines in Switzerland (Switzerland) + Q&A (5 min)
12h10 - 12h35	<b>Thomas WIEDEMANN</b> (Innogy)	Proaktives Verteilnetz Project (Germany) + Q&A (5 min)
12h35 – 13h	<b>Jaromír BERAN</b> (EGÚ Praha Engineering, a.s.)	Automatic voltage regulation and reactive power system (SAVR) Project (Czech Republic) + Q&A (5 min)
13h – 14h	<i>Lunch Break</i>	
14h - 14h25	<b>Thomas WIEDEMANN</b> (Innogy)	Ampacity- 10-kV-Superconducting medium-voltage cables for urban power supply (Germany) + Q&A (5 min)
14h25 – 14h55	Roundtable animated by <b>Rainer BACHER</b> , ETIP SNET Support Team	Confrontation of national opinions, collection and prioritization of R&I topics, consolidation of best practices and deployment perspectives.
Project session 2 (Projects addressing topics within the scope of ETIP SNET's Working Group 2 (WG2): "Storage technologies and sector interfaces")		
14h55 - 15h10	<b>Mathilde BIEBER</b> , General Electric, WG2 Representative	Presentation of the scope and activities of WG2, addressing the technological and market developments related to energy storage options and their direct or indirect interface and interaction to the power networks.
15h10 – 15h35	<b>Matthias PUCHTA</b> (Fraunhofer IWES)	StEnSEA Project (Germany) + Q&A (5 min)
15h35 – 15h55	<b>Ulrich FISCHER</b> (Brandenburgische Technische Universität)	WESpe Project (Germany) + Q&A (5 min)
15h55 – 16h15	<i>Coffee and Networking Break</i>	
16h15 – 16h40	<b>Stephan BAUER</b> (RAG)	Underground Sun Storage Project (Austria) + Q&A (5 min)
16h40 – 17h05	<b>Jeroen BÜSCHER</b> (VITO)	SAVE Project (Belgium) + Q&A (5 min)
17h05 – 17h35	Roundtable animated by <b>Eric PEIRANO</b> , ETIP SNET Support Team	Confrontation of national opinions, collection and prioritization of R&I topics, consolidation of best practices and deployment perspectives.
17h35 – 19h	<i>Networking Cocktail</i>	
19h	<i>End of 1<sup>st</sup> Day</i>	

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# AACHEN WORKSHOP AGENDA - SEPTEMBER 19

Time	Speaker	Topic
9h - 9h30	<i>Welcome and Registration</i>	
Project session 3 (Projects addressing topics within the scope of ETIP SNET's Working Group 3 (WG3): "Flexible Generation")		
9h30 - 9h45	<b>Alexander WIEDERMANN</b> , MAN Diesel & Turbo SE, WG3 representative	Presentation of the scope and activities of WG3, addressing the contribution of flexible generation to the development of a reliable energy system network storage able to deal with the flexibility needs of an integrated energy system.
9h45 - 10h10	<b>Bram SIEBEN</b> (Alliander)	Dynamo Project (Netherlands) + Q&A (5 min)
10h10 - 10h35	<b>Dr. Christian BERGINS</b> (Mitsubishi Hitachi Power Systems Europe)	Kryolens Project (Germany) + Q&A (5 min)
10h35 - 10h55	<i>Coffee and Networking Break</i>	
10h55 - 11h20	<b>Daniel KOSTER</b> (LIST)	PV Forecast Project (Luxembourg)+ Q&A (5 min)
11h20 - 11h50	Roundtable animated by <b>Eric PEIRANO</b> , ETIP SNET Support Team	Confrontation of national opinions, collection and prioritization of R&I topics, consolidation of best practices and deployment perspectives.
12h - 13h15	<i>Lunch Break</i>	
Project session 4 (Projects addressing topics within the scope of ETIP SNET's Working Group 4 (WG4): "Digitisation of the electricity system and Customer participation")		
13h15 - 13h30	<b>Prof. Antonello MONTI</b> , E.ON Energy Research Centre, RWTH Aachen University, WG4 representative	Presentation of the scope and activities of WG4, addressing the use and impact of the Information and Communication Technologies as a pervasive tool along the entire value chain of the power generation, transportation and use.
13h30 - 13h55	<b>Joshu JULLIER</b> (Swissgrid)	Planning the future electricity grid by using 3D Decision Support System (Switzerland) + Q&A (5 min)
13h55 - 14h20	<b>Bart JANSSEN</b> (Hellodata)	HelloData Project (Netherlands) + Q&A (5 min)
14h20 - 14h45	<b>Stefan VANYA</b> (Bavenir)	SHAR-Q Project (Slovak Republic) + Q&A (5 min)
14h45 - 15h	<i>Coffee and Networking Break</i>	
15h - 15h30	Roundtable animated by <b>Rainer BACHER</b> , ETIP SNET Support Team	Confrontation of national opinions, collection and prioritization of R&I topics, consolidation of best practices and deployment perspectives.
<b>Concluding session</b>		
15h30 - 16h15	<b>Eric PEIRANO</b> , ETIP SNET Support Team	Wrap-up of the recommendations from the projects presented and of the conclusions from the roundtables
16h15 - 16h30	<b>Konstantin STASCHUS</b> , ETIP SNET Chair	Closing words, invitation to participate in upcoming consultation processes
	<b>Prof. Veit HAGENMEYER</b> , Director of the Institute for Applied Computer Science, KIT	Closing words
16h30	<i>End of the workshop</i>	