

ERIG Conference & Workgroup Summit

Connecting electrons and molecules –

The role of the energy infrastructure

27th – 28th September 2017
in Brussels



27th September Programme

ERIG Conference 2017

Connecting electrons and molecules – The role of the energy infrastructure

“Research, innovation and competitiveness” forms one of the five dimensions of the Commission’s Energy Union strategy. The integrated SET-Plan is part of a new European energy Research & Innovation approach designed to accelerate the transformation of the EU’s energy system and to bring promising new zero emissions energy technologies to market. This is the fundament to the upcoming research programme Horizon 2018-2020.

ERIG recognise a great potential in connecting the world of renewable electrons with the world of molecules by interconnecting the electricity and gas infrastructure. Many running research projects confirm the increasing backing of this approach. But is it also sufficiently reflected in the upcoming Horizon 2018-2020 programme? This question, amongst many other interesting aspects of “Connecting electrons and molecules – the role of the energy infrastructure”, will be in the centre of our ERIG Conference 2017

10:30 – 11:00 / Welcome coffee

11:00 – 11:30 / Opening of the conference

- Prof. Catrinus Jepma, ERIG President
- Mark van Stiphout, DG Energy (confirmed)

11:30 – 13:00 / Connecting electrons and molecules – a good fit with the EU research strategy? Panel discussion and Q&A

- Catrinus Jepma, ERIG
- Mark van Stiphout, DG Energy (confirmed)
- Christian Friebe, Thüga
- Pierre Tardieu, Wind Europe
- Isabelle Moretti, Engie
- Andrea Gerini, NGVA Europe
- Robbert van der Pluijm, Gasunie

13:00 – 14:30 / Lunch and networking in the lighthouse project area

14:30 – 16:30 / Presentation of lighthouse projects – Panel discussion and Q&A

- STORE&GO – Storage of energy with Power-to-Gas
- Future Gas - New role of gas in the energy system (project area only)
- Gaya – “Green Gas” from biomass gasification
- H21 Leeds City Gate – Decarbonisation by conversion to H2
- Gas for Climate – Competitive low-carbon gas
- BIOSURF – Biomethane as sustainable and renewable fuel
- TKI North Sea Energy – system integration on the North Sea

16:30 – ... / Networking in the lighthouse project area



28th September Programme



ERIG Workgroup Summit 2017

In the ERIG workgroup Summit 2017, we will have four parallel workshops to set out our roadmap for 2018. We will have a detailed look at the parts of the upcoming Horizon 2018-2020 research programme of concern to our fields of activities.

The five priorities concerning "Secure, Clean and Efficient Energy" in the Horizon 2018-2020 programme are:

- › Boosting Europe's global leadership in renewable energy.
- › Developing a smart citizen-centred energy system, including Smart Cities and Communities.

- › Strengthening the efficient use of energy in buildings and industry.
- › Decarbonising the use of fossil fuels.

But also other parts of the programme such as Bio Based Industries, Smart Green and Integrated Transport and environmental topics are of concern to our workgroups. For this reason, we will also have representation of other European organisations in the workshops. This will enable us to identify crosscutting topics of common concern.

9:00 – 9:30 / Opening of ERIG Workgroup Summit

9:30 – 13:00 / Parallel workgroup workshops

› Renewable Gas

By means of renewable gas, the gas system can gradually be decarbonised and undergo a transition from fossil to renewable in a similar way as the electricity system. The means of production of renewable gas are at the heart of this workgroup. The workshop is supported with participation from: ETIP Bioenergy, European Biogas Association, WSSTP and Bio Based Industries Consortium.

› Smart Energy System

The systemic approach to sector integration with power-to-gas and CHP/Fuel Cells, Mobility, Heating and feedstock is in the centre of attention of this workgroup. The question of how to solve the issue of seasonal energy storage is getting increasingly relevant. This workgroup interacts with ETIP SNET, EASE and N.ERGHY.

› Small Scale LNG

To decarbonise society, mobility is one of the most crucial sectors. Via gas, technically feasible and short-term results can be met in an economic way. Hereby, LNG will play an important role to decarbonise heavy duty transports by land and by sea. This workshop is organised in cooperation with NGVA Europe and participation of GIE.

› The North Sea

At this European hub for energy, a transition is taking place in a most dramatic way. The question of utilisation of synergies in this area is not only a question of a clean and efficient energy system, but also a question regarding environment and other industries. In the workshop, we will have an overview of ongoing and forthcoming energy projects connecting offshore wind and offshore oil and gas platform activities, and interact with Wind Europe.

13:00 – 14:00 / Lunch

14:00 – 15:30 / Presentation of results in plenum

Members of ERIG Board



Featured lighthouse projects



Supporting organisations



Registration

> Fax +49 228 9188 92764
> E-Mail rang@dvgw-kongress.de

I will participate

- 27th September 2017 / Bluepoint Brussels**

- 28th September 2017* / Bluepoint Brussels**
 - > Workshop "Renewable Gas"
 - > Workshop "Smart Energy System"
 - > Workshop "Small Scale LNG"
 - > Workshop "The North Sea"

Participation

Free of charge
Limited number of participants
Registration is binding

Venue / BluePoint Brussels

80 Boulevard Auguste Reyers, 1030 Brussels
www.bluepoint.be

Contact / Constanze Rang

Phone: +49 228 9188 877
Fax: +49 228 9188 92764
rang@dvgw-kongress.de
www.erig.eu

Titel

Name

Position

Department

E-Mail

Company

Street

ZIP-Code

City

Country

Telephone

Telefax

Date Signature

Registration and Terms

With this registration, you accept bindingly the terms and conditions for the participation in events of ERIG. The number of participants is limited. You will receive a confirmation, if your participation is possible or not. Please note: After receiving your data, we will check the availability. With sending the receipt, we confirm your registration. Representation by substitute participants is possible if confirmed with ERIG. The programme might be subject to editing.

Data protection

With this registration, you accept that ERIG saves your personal data for execution of the made contract and uses this data for sending information and offers of ERIG per mail or post. You can decline this use of data toward ERIG at all times.

* Exclusive for ERIG network members.
An invitation to the ERIG-network-tool (Bitrix24) will be sent on registration.