

# ENTSOG CONFERENCE



12 December 2018

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## AGENDA

12 December 2018

# GAS INFRASTRUCTURE IN A SUSTAINABLE ECONOMY

Bibliothèque Solvay  
Rue Belliard 137 Brussels

Event hosted by ENTSOG President **Stephan Kamphues**  
Event moderated by **Sonja van Renssen**

**Introduction by Jerzy Buzek (by video)**

### TIME:

**14:30 - 15:00**

**15:00 - 15:10**

**15:10-16:30**

**16:30- 17:00**

**17:00-18:20**

**18:20-18:30**

**18:30-21:00**

### AGENDA:

Arrival at the venue/registration

Welcome by Stephan Kamphues  
Introductory video by Jerzy Buzek

Panel 1 - Sector coupling - how to make it work?

Coffee Break

Panel 2 - Decarbonise and innovate with gas

Wrap up of the day by Stephan Kamphues and Jan Ingwersen

Walking dinner, drinks & networking

## PANEL 1

# SECTOR COUPLING - HOW TO MAKE IT WORK?

What could a Hybrid Energy System bring to the EU?

Electricity and gas synergies - which ones and how to achieve them?

How can business cases for P2G develop?

How to connect and digitalise the electricity and gas markets?

What's in it for the consumers?

### SHOWCASE:

15:10  
16:30

#### Challenge 1:

Infrastructure outlook in 2050:  
Electricity and gas coupling  
in the Netherlands

*With TenneT & Gasunie  
(Bart Jan Hoevers & Ben Voorhorst)*

#### Challenge 2:

Business case for P2G

*With OGE & Amprion  
(Jörg Bergmann)*

### PERSPECTIVES FROM:

**EC DG ENER** - Florian Ermacora

**ENTSOE** - Bente Hagem

**FSR** - Andris Piebalgs

**WINDEUROPE** - Giles Dickson

**EURELECTRIC** - Marion Labatut

## PANEL 2

# DECARBONISE AND INNOVATE WITH GAS

What is decarbonised and renewable gas?

How can gas grids become enablers of decarbonisation?

How to facilitate gas decarbonisation?

Can hydrogen be matched to industrial clusters and biogas to agricultural areas?

How can decarbonised and renewable gas best address the needs of the electricity, heat, and transport sector?

### SHOWCASE:

17:00  
18:20

#### Challenge 1:

Grid readiness for hydrogen and biogas

*With Project FenHYx by GRTgaz (Thierry Trouvé)*

#### Challenge 2:

Facilitating cross-border flow  
of decarbonised gases

*With ERGaR system (Attila Kovacs, Secretary  
General ERGaR)*

### PERSPECTIVES FROM:

**EUROGAS** - Beate Raabe

**FCH JU** - Bart Biebuyck

**GIE** - Torben Brabo

**CEFIC** - Dirk Jan Meuzelaar

## STEPHAN KAMPHUES

Stephan Kamphues is currently Chairman of the Board of Management of Vier Gas Transport GmbH (VGT), the sole owner of Open Grid Europe GmbH (formerly E.ON Gastransport GmbH). Following his involvement with the GTE Executive Committvvee, he was elected the first ENTSOG President in December 2009. Mr. Kamphues has held various positions at E.ON Ruhrgas AG, which he joined as Head of the Business Law/East European Law Section in 1992 after practicing as a lawyer. In 1996, he took over as Head of the Legal Department at E.ON Ruhrgas International AG (formerly Ruhrgas Energie Beteiligungs-AG) before becoming a member of the Management Board in May 2004. While there, his main focus was on the acquisition and development of the company's foreign shareholdings in Western and Central Europe. During this period, he also served on several supervisory and management boards.



## JAN INGWERSEN

Jan Ingwersen is General Manager of ENTSOG as of January 2016 - after being Manager for the Market Business Area since 2014. Seconded from ENERGINET - the Danish gas and electricity TSO. Has been working in the gas industry for more than 30 years, holding positions at ENERGINET, Gastra, DONG Energy as well as consultancies. Was heading implementation of the liberalization of the gas market in Denmark for Gastra/Energinet (2000-2005) - including development of network codes. Was heading the storage and offshore transmission activities of DONG Energy (now Oersted) (2006-2013) and establishing the gas regulatory affairs department of the company. During his career he has been working within most parts of the gas sector value chain - gas procurement, offshore and onshore gas transmission, gas storage and gas sales. Holds a technical MSc from University of Aalborg, Denmark, supplemented with commercial degree from Copenhagen Business School and management education from IMD, Switzerland.



## SONJA VAN RENSSSEN

Sonja is a freelance energy, climate and environment journalist based in Brussels. She has written for Energy Post, an independent platform for European energy news and analysis that she helped establish in 2013, as well as Nature Climate Change, Platts, ENDS Europe and others. She was the environment correspondent for online broadcaster viEUws.eu from 2010-16. Sonja regularly moderates high-level debates and conferences on energy, climate and environment. Before going freelance in 2010, Sonja was the lead climate correspondent for environmental news service ENDS Europe for four years. She won a BBC-sponsored "Young Broadcaster of the Year Award" in 2005. Sonja has an MSc in Science Communication from Imperial College London and a BA in Biological Sciences from the University of Oxford. She grew up in the Netherlands, Japan and Taiwan, and speaks fluent English and Dutch, with a good command of French and German.



## PANEL 1

### SPEAKERS



## BART JAN HOEVERS

Bart Jan studied Monetary Economics at the University of Groningen. He started his career in 1996 at the Dutch National Bank (Nederlandsche Bank) specializing in sovereign risk and export credit insurance. He then moved to the Ministry of Finance, where he worked in the field of state participations, managing the purchase and restructuring of state participations (Tennet, Port of Rotterdam and Gasunie). In 2007 Bart Jan started working for Gasunie, where he had various functions in the field of regulation, business development and management of joint ventures. Since April 2015 Bart Jan was on the management team of Gasunie Transport Services (GTS), as Manager Network Planning. On 1 September 2017 Bart Jan was appointed as CEO of GTS. As of that date he also has joined Gasunie's Executive Board. Bart Jan is a member of the present Board of ENTSOG.

## BEN VOORHORST

Ben Voorhorst (1959) is COO of TenneT Holding B.V. and managing director of TenneT TSO B.V. in The Netherlands. In the past Ben Voorhorst held various management positions within TenneT and occupied various management positions in the software industry. Besides his position at TenneT Ben Voorhorst is also President of ENTSO-E, a member of the Board of the Dutch association Netbeheer Nederland and a member of the Supervisory Board of the Energy Trading Platform Amsterdam (ETPA).



## DR. JÖRG BERGMANN

Dr. Jörg Bergmann has been a member of the management board of Open Grid Europe GmbH since 2008 and was initially responsible for the Department of Commercial, Regulation and Asset Management. Since 1st of July 2017 he is chairman of the board of management and is responsible for the strategy and communication department, network planning and customer services. After studying economics and working as a research assistant at the University of Münster, he joined E.ON Ruhrgas AG in 1994 after having received his doctorate. There he worked in different management positions, most recently as Head of Controlling. In addition, Dr. Bergmann is active in energy industry associations, i.e. as a member of the board of the BDEW and the FNB Gas e.V ..

## ANDRIS PIEBALGS

Andris Piebalgs is a Professor at the Florence School of Regulation in the European University Institute. His work now focuses on the decarbonisation challenges in the energy sector. He is the Chairman of the Board of Appeal of ACER. Before coming to FSR Andris Piebalgs was EU Commissioner for Energy and EU Commissioner for Development. He is a key figure in the formation of the EU's renewable energy and energy efficiency policies and made a crucial impact in the creation of the European energy market. He has been a prominent Latvian politician and diplomat, was instrumental in the Latvia's accession to the EU.



### PANELLISTS



## DR. FLORIAN ERMACORA

Dr Florian Ermacora studied law at the Universities of Innsbruck, Vienna and Paris. He completed his bar exams in Vienna in 2003. Since 1996 he has been working as an official of the European Commission starting at the Directorate General (DG) for Environment. Between 2001 and 2004 Dr Ermacora worked for an Austrian Law Firm in Vienna. Thereafter, Dr. Ermacora has been working on public procurement policy in DG Internal Market of the European Commission and from October 2008 onwards in the DG for Transport and Energy, amongst others on the Third Energy Package. From February 2010 to November 2012 Dr. Ermacora was Assistant of Philip Lowe, the Director-General of DG Energy. Between November 2012 and December 2014, Dr. Ermacora has been heading the Unit for Communication & Interinstitutional relations in DG Energy. Since January 2015 Dr. Ermacora has been Head of the Internal Energy Market Unit in DG Energy. He has published various articles and books on European environmental and economic law.

## BENTE HAGEM

Bente Hagem is Executive Vice President in Statnett SF responsible for European Affairs and Chair of the Board of ENTSO-E since 2015. Until 2014 Bente Hagem was head of Commercial Division in Statnett, responsible for market design, customer satisfaction, and settlement of grid services and wholesale market in Norway and the business development of cable projects to Denmark, UK and Germany. She has been active in Nordic and European TSO cooperation since 2001, and was Co-Chair of the North West and South West European Market Coupling Project, when the coupling was realized. Now the daily coupling covers 80% of Europe and is probably the world largest physical electricity market with 1500 TWh in yearly turnover. Before joining Statnett, she was Vice President of Statoil ASA for ten years, working with natural gas and electricity. She has been a board member of several Norwegian companies and Chairman of Nord Pool Spot AS. She is currently board member El-Hub AS. Bente Hagem holds a Master Degree in Industrial Economy from the Norwegian University of Life Sciences.



## MARION LABATUT

Marion Labatut has 10 years' experience in electricity markets economics and regulation. She is Director Policy Issues at Eurelectric. Before joining the Brussels-based trade association early 2014, she was an electricity markets analyst at EDF in Paris, focusing on long term European trends and delivering investment projects' valuation. Earlier on, Marion also had the opportunity to manage a cooperation project on Vietnamese energy policies at the French agency ADETEF in Hanoi. Marion graduated from Sciences Po Paris in economics and international business in 2006, she also holds an executive master in energy systems optimization from Ecole des Mines de Paris.

## GILES DICKSON

Giles Dickson is the Chief Executive Officer of WindEurope (formerly EWEA). WindEurope is the voice of the European wind industry. It represents the entire value chain of wind power: turbine manufacturers, component suppliers, power utilities, project developers, financial institutions and research institutes. Prior to joining WindEurope, Mr. Dickson was Vice President of Global Public Affairs at Alstom. Before that he was a civil servant in the UK Government for over 15 years. He has served as Vice-Chair of the BusinessEurope Industrial Affairs Committee and is a Visiting Professor at the Bucharest School of Economics.



## PANEL 2



## THIERRY TROUVÉ

A graduate of one of France's top engineering schools, Thierry Trouvé began his career at the Shipbuilding Department of the French Ministry of Defence. In 1990, he joined the Paris transport authority (RATP) to manage the Engineering Department of the IT and Telecommunications division. Six years later, he was appointed Assistant Director in charge of the Regional Technology and Industrial Development branch of the Department of Industry, Research and the Environment in the Nord-Pas de Calais region. This was followed by a move to the energy market, where he joined the French Energy Regulatory Commission (vCRE) to head the electricity market and public utilities division. In 2003, he was appointed Director of Pollution and Risk Prevention Operations, working with the French Ministry of Ecology and Sustainable Development. In 2006, he became Deputy CEO of GRTgaz. In 2008, he became CEO of Elengy. Thierry Trouvé has been CEO of GRTgaz since April 2013.

## DR. ATTILA KOVACS

Attila Kovacs, PhD in Economics (University of Economics, Budapest), MSc in Chemical Engineering (Institute of Technology, Leningrad). Member of the Executive Board of European Biogas Association since 2009. Secretary General of the European Renewable Gas Registry (ERGaR) established in September 2016. Board Member of the Hungarian Biogas Association since 2015. Managing Director of First Hungarian Biogas and Solar Ltd - an engineering and consulting company in Budapest; formerly Managing Director of E-A Energy Consulting GmbH, Vienna. He has 37 years of experience in international oil and gas industries and he has been working in the field of biogas since 2004, promoting biogas technology in Hungary and other Central - East European countries. He has published several articles on the subject and has been a speaker on numerous international renewable energy conferences.





## BEATE RAABE

Beate Raabe, 54, German, was appointed in 2011 to the post of Secretary General of Eurogas, the association of companies and associations engaged in the wholesale, retail and distribution of gas in Europe. In 1998 she joined the International Association of Oil & Gas Producers (OGP), where she became Director EU Affairs and Head of the EU office in 2005. She came to Brussels in 1993, working in EU Affairs at the International Association of Combined Road Rail Transport (UIRR) and later at the German and Swedish railways (DB and SJ). She started her professional career as a teacher and lecturer of German in the UK, following a master's degree in technical translation. She lives in Brussels with her husband.

## TORBEN BRABO

Torben Brabo is the CEO of the Gas TSO in the joint Danish gas and power TSO, Energinet. He has 25 years' of experience in the energy and gas sector in Denmark and abroad. Prior to joining Energinet, he took part in European power and gas projects as part of the liberalisation of the Danish gas market in 2002-2004. As the current CEO in Energinet Gas TSO, Torben Brabo is highly involved in European gas projects. For instance, he is engaged in GIE (Gas Infrastructure Europe), ENTSG (European Network of gas TSOs) and the European gas capacity trading platform PRISMA. Moreover, he manages several decarbonisation projects such as the Green Gas Initiative. Prior to Energinet, he has held a position as chairman of the board of the Danish-Swedish gas exchange 'Gaspont Nordic'. Torben Brabo holds a master's degree in mathematics and economics from Copenhagen University.



## DIRK JAN MEUZELAAR



Dirk Jan Meuzelaar is an economist with more than 35 years of experience in the energy industry from different angles e.g. Ministry of Economic Affairs; Energie Beheer Nederland (shareholder of Gasunie), Royal DSM and Utility Support Group (USG) BV, the energy service provider for Chemelot, the largest Dutch Chemical site. Since 2012 he has been employed by Sitech Services and posted to USG as senior advisor commercial and regulatory affairs with a focus on the European energy and climate arena where he represents the European Energy Intensive Industry in general and the Chemical and Fertilizer industry in particular. Relating to ENTSG he was involved as a prime mover in the development of various gas network codes. In recent years the implementation of the energy transition is one of his main activities. Also as an Excom member of EASEE-gas he is closely involved in the European standardisation of natural gas and the production, transport and consumption of low carbon gases and Hydrogen.

## BART BIEBUYCK

Bart Biebuyck is the Executive Director of the Fuel Cells and Hydrogen Joint Undertaking (FCH JU), a public-private partnership aiming at facilitating the deployment of fuel cells and hydrogen technologies in Europe. Before the FCH JU, Bart Biebuyck was at the Fuel Cell department of Toyota Motor Europe where he held the position of Technical Senior Manager. His expertise in the automotive industry includes extensive knowledge related to the deployment of new technologies in the European market. It is as part of the Clean Energy Partnership (CEP) programme in Berlin that Bart worked at reinforcing European trials for the Toyota Fuel Cell Hybrid Vehicle. He also had the opportunity to develop and expand his know-how in Japan, where for two years he worked on the PSA-Toyota Small Vehicle Development Project which resulted in the launch of the Toyota AYGO in 2006. In addition to his industrial experience, Bart has been politically active in his local town since 2006. In 2013 he became the vice president of the City Council, responsible, among others, for the local economy and education. Bart joined the FCH JU as the new Executive Director on the 16 May 2016.





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