

VISION 2050 LAUNCH HIGH-LEVEL EVENT

27 June 2018 | SQUARE Brussels Convention Center

#Vision2050 @etipsnet



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REVOLVE

Agenda

12:00 – 13:30	Networking Cocktail & Lunch
13:30 – 13:45	Registration
13:45 – 15:20	Part 1: The Vision
15:20 – 15:50	Coffee Break
15:50 – 17:30	Part 2: What do we need to achieve the Vision? <ul style="list-style-type: none">■ Panel 1: Transformation of the energy system by 2050 and the needed framework■ Panel 2: Digitised Energy Systems and Markets as key enablers of the transition
17:40	End of event

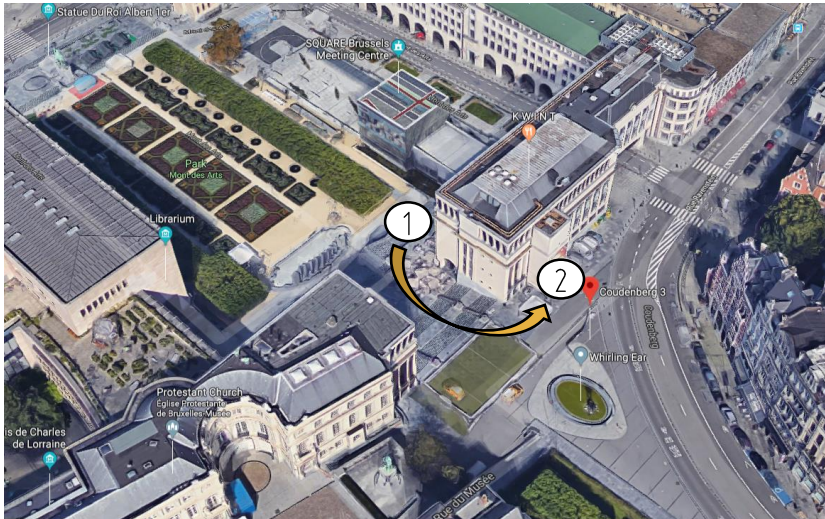
Networking Cocktail & Lunch

KWINT Restaurant

12:00 – 13:30

①

Kwint, networking cocktail & lunch, Mont Des Arts 1, 1000 Brussels



Conference Check-in Square Conference Centre 13h30-13h45

②

After the networking cocktail & lunch, we kindly invite you to check in at the registration desk, located at **Coudenberg 3**, 1000 Brussels facing the Whirling Ear monument. The registration desk can be found in the Panoramic Hall at **Level 5**.



Agenda

Part 1: The Vision

Introduction and moderation by Clare Taylor, journalist at the EnergyPost.eu

13:45 – 13:50	Welcome speech, Nikos Hatziargyriou , ETIP SNET Chair
13:50 – 14:00	Haitze Siemers , European Commission, DG Energy, Head of Unit C2, New energy technologies, innovation and clean coal
14:00 – 14:10	Patrizia Toia , European Parliament, Vice-chair of the ITRE Committee
14:10 – 14:50	ETIP SNET Vision 2050 – Joint presentation <ul style="list-style-type: none">▪ Nikos Hatziargyriou, ETIP SNET Chairman▪ Konstantin Staschus, ETIP SNET Vice-chair▪ Thierry Le Boucher, ETIP SNET Vice-chair
14:50 – 15:20	Questions & Answers
15:20 – 15:50	Coffee Break

Meet the Speakers

Haitze Siemers is Head of Unit, New energy technologies, innovation, since June 2018 at DG Energy. Prior to obtaining this position, he was Head of Unit for Innovation, Research and Investment in the Directorate-General for Maritime Affairs and Fisheries in the European Commission. With a background in Japanese studies and economic affairs, his career includes work in the private sector, international relations and trade policy and work with consumers and civil society.



Patrizia Toia is a member of the European Parliament since 2004. She was member of the Italian Chamber of Deputies and in 1996 she was elected at the Senate of the Republic. Her other responsibilities include: Undersecretary of State for Foreign Affairs with responsibility for Latin America, Asia and Oceania, Relations with the United Nations, Human Rights, Migration and Italians abroad. In 1999 she was appointed Minister for European Affairs and Minister for Relations with Parliament. At the European Parliament she is member of the Group of the Progressive Alliance of Socialists and Democrats (S & D) and she is Vice-Chair of the Committee on Industry, Research and Energy. Toia is also Head of the Italian delegation of the S&D Group, Partito Democratico.



Meet the Speakers



Nikos Hatziargyriou is Chairman of the ETIP SNET. He is also Chairman and CEO of the Hellenic Distribution Network Operator S.A. (HEDNO S.A.) since April 2015. Nikos is a professor in Power Systems at the Power Division of the Electrical and Computer Engineering Department of the National Technical University of Athens (NTUA), director of the Energy Systems Laboratory and founder of the SmartRue research unit. His other positions include: Fellow Member of the Institute of Electrical and Electronics Engineers (IEEE), past Chairman of the Power System Dynamic Performance Committee (PSDP), honorary member of CIGRE, Chairman of the strategic CIGRE WG Networks of the Future and past Chairman of CIGRE SC C6 Distribution Systems and Dispersed Generation. Hatziargyriou is included in the 2016 and 2017 top 1% most cited researchers.



Konstantin Staschus, Vice-chair of the ETIP SNET, is from Berlin, Germany. He received a Ph.D. in Operations Research from Virginia Tech in the USA. After 9 years at Pacific Gas and Electric, USA, he held management positions in German utility associations, including 6 years as Managing Director of VDN, an association of over 400 German electricity transmission and distribution system operators. In 2009, he began his mandate as the 1st Secretary-General of ENTSO-E in Brussels. ENTSO-E has many EU legal mandates including 10-year network development plans, R&D planning, and network codes on connection conditions, market and operational rules. Since 2017, he works in the Berlin office of Ecofys – a Navigant Company – as a part-time Director and consults part-time with his company, StaRGET GmbH, for ENTSO-E to chair Cigré’s Study Committee C1 and the ETIP SNET.

Meet the Speakers

Thierry Le Boucher, Vice-chair of the ETIP SNET, is Executive Vice President of Sales & Marketing, Renewable Energy, Energy Management and Networks within the R&D division of EDF. Thierry has spent the majority of his career in the EDF Group in London and in France, notably in sales and marketing during the opening up of European energy markets where he was in charge of the French business sales division.

Until the end of 2012, he was Chairman and CEO of EDF DEMASZ, the EDF group's distribution, sales and marketing subsidiary in Hungary. Until June 2015, he was head of strategy at the EDF sales division in Paris. Le Boucher is a graduate of HEC Paris (Hautes Etudes Commerciales). Thierry is also Vice President of EASE (European Association for Storage of Energy).



Clare Taylor Clare Taylor is a journalist at the Energy Post and a communicator specialised in energy and environment. Her work includes media advocacy for grassroots campaigns, supporting national authorities' implementation of EU energy directives; micro-enterprise, community entrepreneurship and sustainable development NGOs; writing and research for TV reality series, documentaries and journalism. She has a Master's degree in Engineering Science from Oxford University.



Agenda

Part 2: What do we need to achieve the Vision?

Moderation of panels by Clare Taylor, journalist at the EnergyPost.eu

15:50 – 16:40

Panel 1: Transformation of the energy system by 2050 and the needed framework

- A storage power conversion transition towards integrated energy systems
- Efficient organisation of the energy systems
- Generation and infrastructure development for the integrated energy systems in 2050
- A European industry able to serve the energy transition
- Managing economic disruption and job creation
- Prioritising research and innovation

Agenda

Part 2: What do we need to achieve the Vision?

Moderation of panels by Clare Taylor, journalist at the EnergyPost.eu

Panelists:

- **Jose Cotta**, European Commission, DG RTD, Head of Unit G2, Advanced energy production
- **Susanne Nies**, ENTSO-E, Strategy and Communication Manager
- **Patrick Clerens**, EASE, Secretary General
- **Gerhard Stryi-Hipp**, Renewable Heating and Cooling ETIP, President
- **Beate Raabe**, Eurogas, Secretary General

Meet the Panelists



José Cotta graduated in Mathematics from the University of Lisbon, Portugal in 1978 and has a PhD in Logic Programming.

He was a researcher in the National Laboratory for Civil Engineering in Lisbon and joined the European Commission in 1986, where he has held various management positions.

Cotta is currently the Head of Unit for Advanced Energy Production within DG Research and Innovation at the European Commission.



Susanne Nies heads, since March 2015, the Strategy and Communications Section of the European Association of Transmission Network Operators, ENTSO-E. Prior to that, she was Head of Unit Distribution System Operators at EURELECTRIC, the European electricity sector association based in Brussels, since June 2014.

She holds a PhD from Bonn University and graduated from Sciences Po Paris and the London School of Economics. She has a long track of academic publications on energy, international relations and Eastern Europe, affiliations with research and lecturing, as well as consulting. She speaks fluent German, English, French and Russian.

Meet the Panelists

Patrick Clerens studied law at the University of Saarbrücken and the University of Mainz. Since 1996, he has worked as a consultant for a private company specialising in European Affairs in Brussels. As a Brussels Representative of different European associations, he has been involved in the climate and energy field since 2003. He has managed the EASE office in Brussels as Secretary General since its establishment in September 2011. Since then, EASE has grown from the initial 13 founding members to almost 40.



Gerhard Stryi-Hipp is a physicist and expert on technologies, markets and policies in renewable energies. As group leader on Smart Cities at the Fraunhofer Institute for Solar Energy Systems ISE, he works with cities to establish sustainable energy systems. Gerhard is also president of the European Technology and Innovation Platform on Renewable Heating and Cooling (RHC-ETIP).



Beate Raabe, was appointed in 2011 to the position 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. Having arrived in Brussels in 1993, she has worked in EU Affairs at the International Association of Combined Road-Rail Transport (UIRR) and later at the German and Swedish railways (DB and SJ).



Agenda

Part 2: What do we need to achieve the Vision?

Moderation of panels by Clare Taylor, journalist at the EnergyPost.eu

16:40 – 17:30

Panel 2: Digitised Energy Systems and Markets as key enablers of the transition

- New services enabled by digitalisation
- Data privacy and ownership
- Cybersecurity issues
- Higher volumes exchanged on the energy markets
- Wholesale markets enabling cross-border exchange of renewable energy across Europe

17:30 – 17:40

Closing remarks, Konstantin Staschus, ETIP SNET Vice-Chair

17:40

End of event

Agenda

Part 2: What do we need to achieve the Vision?

Moderation of panels by Clare Taylor, journalist at the EnergyPost.eu

Panelists:

- **Viorel Peca**, European Commission, DG CNCT, Head of Unit C3, Future and Emerging Technologies
- **Mark van Stiphout**, European Commission, DG ENER Deputy Head of Unit C2, New energy technologies, innovation and clean coal
- **Eleonora Bettenzoli**, ARERA, Italian Energy Regulator, Deputy Director
- **Christian Buchel**, EDSO for Smartgrids, Chairman
- **Simone Landolina**, IEA, Head of International Partnerships and Initiatives
- **Josh Roberts**, RESCOOP, Advocacy Officer

Meet the Panelists



Viorel Peca is Head of the Future Emerging Technology Unit at the European Commission, DG Connect. His unit's mission is to lead the exploration of future technologies that matter for our future. Viorel started his career in R&D at Alcatel Romania in 1996, and then moved to Belgium in 2000 still for Alcatel. Later he worked as feature development team leader, then as IPTV project manager. Viorel holds an MSc in electronics and communications from University "Politehnica" from Timisoara, Romania and has a Master's degree in Industrial Management from KU Leuven University, Belgium and in Applied Informatics from VUB University in Brussels, Belgium.



Mark van Stiphout is currently Deputy Head of Unit in DG Energy in the unit responsible for research and innovation, including Horizon 2020 and the Strategic Energy Technology Plan.

Until the 1st of November 2014, he was a member of the Cabinet of the Commissioner for Energy, Günther H. Oettinger, whom he advised on nuclear energy and energy research, as well as smart grids.



Eleonora Bettenzoli is Deputy Director of Retail Market Directorate – Special advisor to the Head of Energy Division at ARERA, in charge of carrying out the cost/benefit evaluation for the second generation of Electricity smart metering national deployment and the development of customers' access to their historical consumption data (energy footprint).

At ARERA she has been tasked to develop regulation for a wide range of themes spreading from G&P imbalances settlement to setting out the foundations for the Italian meter data management hub (SII).

Meet the Panelists

Christian Buchel is member of the Enedis executive committee and Chairman of EDSO for smart grids since June 2017. Enedis currently manages and develops 95% of the Electricity Distribution System of France's mainland territory. Christian is the Director for Customer relationships, territories and Europe at ENEDIS since May 2018. As former Chief Digital Officer at Enedis, for over 3 years he led the digital transformation and big data development of the company. Prior to this, Buchel has held various top-management positions within the EDF Group. Christian holds an engineering degree from Ecole Supérieure d'Electricité (Supélec).



Simone Landolina leads the International Partnerships and Initiatives team at the International Energy Agency (IEA), and is responsible for coordinating interactions with the network of 38 Technology Collaboration Programmes (TCPs) as well as for facilitating IEA's cooperation with other multi-lateral efforts such as Mission Innovation. Simone also serves as Secretary to the IEA Committee on Energy Research and Technology (CERT) and coordinates the IEA Technology Roadmaps programme.



Josh Roberts currently serves as Advocacy Officer of REScoop.eu, a federation that represents around 1,500 citizen cooperative and energy initiatives across Europe that work on renewable energy, energy efficiency, and other innovative clean energy technologies. A qualified lawyer since 2010, Josh has been actively involved in the European Energy policy debate since 2012, focusing on issues related to the internal energy market, renewables and other distributed energy resources, infrastructure, and community/citizen participation.





ETIP SNET

PLAN. INNOVATE. ENGAGE.

The ETIP SNET aims at guiding research, development and innovation to support Europe's energy transition with innovation for the transmission and distribution systems. These systems form the technical and market platforms where clean electricity generation, empowered customers, storage technologies, smarter grids and interfaces to gas, heat and transport networks make the energy transition happen in secure and affordable ways.



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