

SET Plan 2016 - Central European Energy Conference X

Energy Union: towards a transformed European energy system with the new Research, Innovation and Competitiveness Strategy

Bratislava, 30 November - 2 December 2016

Venue	DoubleTree by Hilton (address: 27/A Trnavská cesta, Bratislava, 831 04)
Organizers	Slovak Center of Scientific and Technical Information and Research Center of the Slovak Foreign Policy Association in cooperation with the Ministry of Education, Science, Research and Sport, European Commission, Ministry of Foreign and European Affairs and under the auspices of Ministry of Economy.
Description	<p>The SET Plan conference 2016 being held in conjunction with the 10th annual Central European Energy Conference (CEEC X) form part of the Official Program of the Slovak Presidency of the EU Council for the second half of 2016. The conference is being held under the auspices of the Government of the Slovak Republic and Vice President of the European Commission for Energy Union Mr Maroš Šefčovič.</p> <p>The SET Plan 2016 – CEEC X conference will examine achievements in implementing the Energy Union, focusing especially on the role of its R&I dimension. The conference will discuss the Energy Union Strategy for Research, Innovation and Competitiveness entitled “Accelerating Clean-Energy Innovation” that is to be presented by the European Commission during the Slovak Presidency as part of the 2016 State of the Energy Union. In addition, the conference will assess progress in achieving the goals set within the other four priority dimensions of the Energy Union, including security of supply, the creation of an integrated energy market, improving energy efficiency and reducing emissions. The conference will pay particular attention to assessing the role of Central European member states, including their contributions to the implementation of the goals of the Energy Union and the Integrated SET-Plan.</p>
Structure	<p>8 main panels on the priority dimensions of the Energy Union</p> <p>6 parallel specific thematic workshops (Dinner Sessions - DS)</p> <p>2 poster sessions and interactive exhibitions</p> <p>4 side events</p>
Main topics	<p>Energy Union: headway and challenges</p> <p>Strategy for Research, Innovation and Competitiveness</p> <p>World Energy Outlook 2016</p> <p>Renewable energy</p> <p>Efficient energy and smart cities</p> <p>Emerging Central European gas market</p> <p>Regional market-coupling in electricity</p>



The project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 730882.



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Harmonization of regulatory framework

DS International competitiveness of European energy technologies
 Financial instruments and investment in R&I
 Transport decarbonization
 Smart cities
 Nuclear safety and energy security
 Electricity market design

Day 0: Wednesday, 30 November 2016

09:00-12:00 **Side event I. – morning session – General Assembly SNETP**
 Waldorf Workshop organized by the Sustainable Nuclear Energy Technology Platform (part of the SET Plan Industrial Initiative)

13:00-17:00 **Side event I. – afternoon session - European Nuclear Cogeneration Industrial Initiative (NC2I)**
 Embassy The objective of the European Nuclear Cogeneration Industrial Initiative (NC2I) is to demonstrate an innovative and competitive energy solution for the low-carbon cogeneration of heat and electricity based on nuclear energy.

The “NC2I Information session” following the sixth SNETP General Assembly during the SET Plan conference aims to provide the update on latest progresses in the technical field and strategic interactions with international counterparts. All SNETP members representatives are invited to the session.

10:00-17:00 **Side event II. Networking4Innovation Matchmaking (N4I)**
 Ballroom Energy Networking4Innovation is organized in form of pre-scheduled bilateral talks in the field of smart energy & energy efficiency, renewable energy and energy-related R&D, policy making, governance. Furthermore, you can explore the Horizon 2020 funding opportunities for energy sector in 2017 or participate in the Danube-INCO.NET Clustering Workshop focused on energy use of biomass.

10:00-11:30 **Side event III. Funding innovative low-carbon energy demonstration projects: the NER 300 program**
 Astoria The workshop will provide an overview of the current state of the **NER 300 program**. Experiences of three funded projects will be shared with the audience. A panel debate and a Q&A session on challenges and opportunities identified will conclude the workshop. The main topics of the side event are:

- Introduction to the NER 300 program: goal, structure and state-of-play
- Presentations of three selected projects: state-of-play
- Panel discussion: key findings and experiences of the NER 300 program, expectations of the Innovation Fund

12:30-17:00 **Side event IV. Strategic Energy Technologies Information System (SETIS)**



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- Waldorf A half-day workshop organized by the European Commission Joint Research Centre (DG JRC) will provide an opportunity to present the recent findings and inputs of SETIS to the State of the Energy Union report and its added value for the overall progress of EU innovation in the energy sector. Other DG JRC activities aiming at promoting the integrated SET-Plan objectives and contributing to the implementation of the research, innovation and competitiveness agenda of the Energy Union will be presented during the event.
- 17:00-19:00 **Registration** for SET Plan 2016 – Central European Energy conference
- 19:00 **Gala dinner**
 Ballroom Welcome and opening by **Peter Plavčan**, Minister of Education, Science, Research and Sport of the Slovak Republic

Day 1: Thursday, 1 December 2016

- 09:00-09:10 **Welcome and opening**
 Ballroom **Dušan Chrenek**, Head, Representation of the European Commission in Slovakia
Alexander Duleba, Director, Research Center of the Slovak Foreign Policy Association
- 09:10-09:30 **Key note speech**
 by **Maroš Šefčovič**, Vice-President of the European Commission for the Energy Union
- 09:30-11:10 **Panel I. Energy Union: headway and challenges**
 Ballroom The first high level policy panel will examine the state of affairs of the Energy Union almost two years after its launch in February 2015. Vice President of the European Commission for the Energy Union Maroš Šefčovič and representatives of the Trio Presidency governments (the Netherlands – Slovakia – Malta) and the Visegrad 4 will assess the progress of the Energy Union project from the perspective of the European Commission and member states. High level panellists will address the following main questions: what is the actual state of affairs of the Energy Union? How is it viewed by the European Commission and member states? What are the major achievements and challenges that should be addressed in order for the project to move forward?
- Chair **Pavol Demeš**, Member of the Board of Directors, Slovak Foreign Policy Association
- Speakers **Member states' perspectives**
Peter Žiga, Minister of Economy of the Slovak Republic
Jan Mládek, Minister of Trade and Industry of the Czech Republic
Konrad Mizzi, Minister, Office of the Prime Minister of Malta
Michał Kurtyka, Undersecretary of State, Deputy Minister, Ministry of Energy of Poland
- Commentary **Regions and cities perspective**
Markku Markkula, President of the European Committee of the Regions
 Q&A



11:10-11:40	Coffee-break
11:40-12:00	<p>Key note speech by Carlos Moedas, Commissioner for Research, Science and Innovation, European Commission</p> <p>Press conference (12:00) Maroš Šefčovič, Vice-President of the European Commission for the Energy Union, Carlos Moedas, Commissioner for R&I Peter Žiga, Slovak Minister of Economy</p>
12:00-13:30	<p>Panel II. Strategy for Research, Innovation and Competitiveness</p> <p>The panel will discuss the Energy Union Strategy for Research, Innovation and Competitiveness entitled “Accelerating Clean-Energy Innovation”, to be presented by the European Commission during the Slovak Presidency. Leading experts from the European Commission and member states, including representatives from businesses and academia, will be invited to discuss the strategy as a key dimension of the Energy Union. The discussion will also focus on the achievements of the Integrated SET Plan since its adoption in 2015 and on the building blocks of the strategy at both EU and member state level. In addition to the main panel there will be follow up discussions on the key segments of the strategy in the parallel workshops that will take the form of dinner sessions.</p>
Chair	Patrick Child , Deputy Director General, Directorate General for Research & Innovation, European Commission
Speakers	<p>Charlina Vitcheva, Deputy Director General, Joint Research Center, European Commission</p> <p>Marianne Haug, Member and former chair of the H2020 Advisory Group on Energy</p> <p>Zuzana Nehajová, Advisor on Innovation and Smart Industry to the Minister of Economy of the Slovak Republic</p> <p>John Loughhead, Chief Scientific Advisor, Department of Energy & Climate Change, United Kingdom</p> <p>Hervé Bernard, Chair, European Energy Research Alliance – EERA</p> <p>Torbjorn Digernes, Chair of the EUA-EPUE: European Platform of Universities in Energy Research & Education</p> <p><i>Discussion</i></p>
13:30-15:00	<p>Lunch</p> <p>Poster session I</p>
15:00-17:00	<p>Panel III. World Energy Outlook 2016</p> <p>The presentation of the International Energy Agency flagship WEO report is a traditional part of the CEEC conference. Rising dependency on energy imports, fierce</p>



competition for natural resources from emerging economies, a lack of electricity and gas interconnections, low investment and the need to fight climate change are undoubtedly energy challenges that Europe will have to face in the coming decades. A leading IEA representative will be invited to present the WEO 2016 report, focusing especially on the security of energy supply to the EU and in particular to the region of Central and South-Eastern Europe. Representatives from businesses and the expert EU member country community will be invited to share their perspectives on the long term development trends in world energy, looking at both the EU security of supply and EU competitiveness in the global economy.

- Chair **Ingrid Brocková**, Director General, Economic Cooperation Section, Slovak Ministry of Foreign and European Affairs
- 15:00-15:40 Key note presentation
by **Fatih Birol**, Executive Director, International Energy Agency
- Speakers **Tom Howes**, Deputy Head, Economic Analysis and Financial Instruments Unit, DG ENER, European Commission
Linda Doman, Senior International Energy Analyst, Energy Information Administration at the US Department of Energy
Branislav Strýček, Vice Chair of the Board of Directors, and Market and Regulatory Director, Slovenské elektrárne
Vera Silva, Program Manager, Electricity Markets & Systems, EDF R&D Division
Marek Senkovič, Chief Economic Advisor to the CEO of SLOVNAFT, Member of the MOL Group
Q&A
- 17:00-17:30 **Coffee break**
- Embassy **Press conference (17:00)**
Fatih Birol, Executive Director, International Energy Agency
- 17:30-19:30 **Dinner sessions on R&I Strategy**
- Waldorf I.
Chair **DS I. International competitiveness of European energy technologies**
Péter Kaderják, Director, Regional Center for Energy Policy Research, Budapest
Speakers **Jorgo Chatzimakakis**, Secretary General, Hydrogen Europe
Ondrej Studenec, Secretary, Subcommittee for Energy Policy, National Union of Employers of Slovakia
Natalie Samovich, Managing Director, ENERCOUTIM, Lisbon
Alexander František Zvrškovec, President, Dividend Group, Bratislava
- Commentary **Martin Vlachynský**, Analyst, Institute of Economic and Social Studies – INESS, Bratislava
Q&A
- Waldorf II. **DS II. Financial instruments and investment in R&I**



Chair	Ľudovít Ódor , Member, Council for Budget Responsibility of the Slovak Republic
Speakers	Alena Sabelová , Director General, Investments Management Section, Office of the Vice Prime Minister of the Slovak Republic for Investments and Informatization Anneli Pauli , Conseiller Hors Classe for Innovation and Competitiveness, DG Climate Action, European Commission Allesandro Boschi , Head, Renewable Energy, European Investment Bank Juraj Wagner , Science and Research Analyst, Ministry of Education, Science, Research and Sport of the Slovak Republic Q&A
Paris Chair	DS III. Transport decarbonization Clara de la Torre , Director, Directorate H - Transport, Directorate General for Research and Innovation, European Commission
Speakers	Peter Badík , Co-founder, GreenWay Infrastructure, Bratislava Andrea Ricci , Chair, Transport Advisory Group ISINNOVA Dina Bacovsky , Member of the Supporting Team, European Technology Platform Bioenergy (ETIP Bioenergy)
Commentary	Jos Dings , Executive Director, Transport & Environment, Brussels Q&A
Ballroom Chair	DS IV. Smart cities Francesco Grillo , Advisor to the Italian Minister for Education, Universities and Research, Visiting Scholar at St Antony's College of Oxford University
Speakers	Bernadett Koteles-Degrendele , Smart cities Project Coordinator, Eurocities Beata Jazewska , Former Deputy Minister of Environment, Poland Juraj Hošťák , Smart City Coordinator for CSE Region, InnovEYtion Center Zuzana Hudeková , Expert, Slovak Union of Towns and Cities
Commentary	Andriy Kyrchiv , Executive Director, Ukrainian Association of Energy Efficient Cities Katarína Hazuchová , Independent Environmental Analyst, Bratislava Q&A
Astoria Chair	DS V. Nuclear safety and energy security Břetislav Dančák , Dean, Faculty of Social Studies, Masaryk University, Brno
Speakers	Marta Žiaková , Chair, Nuclear Regulatory Authority of the Slovak Republic Marc Deffrennes , Analyst, Nuclear Energy Agency, OECD Václav Bartuška , Special Envoy of the Czech Republic for Energy Security Michael Kuske , Deputy Head of Unit D.3, DG Energy, European Commission Takuya Hattori , Senior Advisor, Japan Atomic Industrial Forum
Commentary	Peter Líška , Vice Chair of the Board of Directors, VÚJE Q&A
Conrad Chair	DS VI. Electricity market design Lívia Vašáková , Economic Counsellor, Representation of the European Commission in Slovakia



Speakers	<p>Oliver Koch, Deputy Head of Unit, DG ENER Unit B2, European Commission</p> <p>Márius Hričovský, Vice Chair of the Board of Directors, Stredoslovenská energetika</p> <p>Maciej Burny, Director, Department for International Affairs, Polska Grupa Energetyczna SA</p> <p>Robert Jambrich, Head, Foreign Regulatory Department, Slovenské elektrárne</p> <p>Andrej Hanzel, Managing Director, Center for Research and Development</p>
Commentary	<p>Konstantin Staschus, Secretary-General, ENTSO-E</p> <p>Q&A</p>
19:30	Dinner

Day 2: Friday, 2 December 2016

9:00-11:00 Ballroom	<p>Panel IV. Renewable energy</p> <p>The panel will discuss the implementation of key actions under the Integrated SET-Plan, focusing on renewable energy. Throughout 2015 representatives of the Commission, member states, associated countries in the SET Plan, and relevant stakeholders have been working on translating the key actions into agreements on strategic targets and priorities in each of the action areas, as well as on implementation plans that will aim to deliver the agreed targets and priorities. The aim of the panel is to discuss the state of play in the area of renewable energy and the way forward.</p>
Chair	<p>András Siegler, Director, Directorate G – Energy, DG Research & Innovation, European Commission</p>
Speakers	<p>Diego Pavía, Chief Executive Officer, KIC InnoEnergy SE, Eindhoven</p> <p>Konstantin Staschus, Secretary-General, ENTSO-E</p> <p>Eicke R. Weber, President, Association of European Renewable Energy Research Centers – EUREC; Director, Fraunhofer ISE, Freiburg</p> <p>Rowena McCappin, Project Director, Glen Dimplex</p> <p>Igor Kočíš, CEO, GA Drilling, Bratislava</p> <p>Q&A</p>
11:00-11:30	Coffee break
11:30-13:00 Ballroom	<p>Panel V (parallel). Efficient energy and smart cities</p> <p>The panel will discuss the implementation of key actions under the Integrated SET-Plan, focusing on energy efficiency. It will also consider the lessons member states learned from the implementation of the 2020 Framework targets on energy efficiency and R&I and what should be done to meet the ambitious targets of the 2030 Framework. In addition to the above issues, the panel discussion will consider the review of the directive on energy efficiency to be discussed in the EU Council during the Slovak Presidency.</p>



Chair	Marie Donnelly , Director, Directorate C – Renewables, R&I, Energy Efficiency, DG ENER, European Commission
Speakers	<p>Roman Chovanec, Head, Energy Management Department, Municipal Authority of Bratislava - Capital City of the Slovak Republic</p> <p>Brigitte Bach, Coordinator, Joint Program Smart Cities, Austrian Institute of Technology</p> <p>Claire Roumet, Executive Director, Energy Cities</p> <p>João Torres, Chief Executive Officer, EDP Distribuição (EDPD)</p> <p>Peter Robl, Vice Chair, Board of Directors, Slovak Green Building Council</p> <p>Q&A</p>
11:30-13:00	Panel VI (parallel). Market integration I: Harmonization of regulatory framework
Waldorf	The panel discussion will examine prospects for strengthening the role of the Agency for the Cooperation of Energy Regulators (ACER) in harmonizing member state regulatory frameworks, which is a fundamental precondition to the creation of a fully integrated energy market within the EU. Another central issue to be discussed by the panel concerns the electricity market design package that is expected to be discussed during the 2016 Slovak Presidency, including a review of the directives on energy efficiency and support for renewable sources of energy. In addition to key EU level topics, the panel will also reflect on the experiences of the Central European member states relating to the regional integration of energy markets.
Chair	Ján Klepáč , Executive Director, Slovak Gas and Oil Association
Speakers	<p>Alberto Pototschnig, Director, Agency for the Cooperation of Energy Regulators (ACER), Ljubljana</p> <p>Maciej Bando, President, Energy Regulatory Office, Poland</p> <p>Richard Ružička, Director, Natural Gas Regulation, Regulatory Office for Network Industries, Slovak Republic</p> <p>Péter Kaderják, Director, Regional Center for Energy Policy Research, Budapest</p> <p>Henrich Krejčí, Head, Energy Law and Regulatory Affairs, Slovenský plynárenský priemysel, as (SPP)</p> <p>Q&A</p>
13:00-14:00	Lunch
	Poster session II
Embassy	<p>Ukraine and the Energy Union: exploring potential for cooperation with Slovakia and the Visegrad Four</p> <p>A workshop presentation of the research findings produced by project CBC01014, supported by the Norwegian Financial Mechanism and co-funded from the Slovak state budget</p> <p>Alexander Duleba, Director, Research Center of the Slovak Foreign Policy Association</p> <p>Michael Gonchar, President, Center for Global Studies Strategy XXI, Kyiv</p>



Karel Hirman, Member, Strategic Advisory Group for Support of Ukrainian Reforms, Kyiv

Aleksey Yizhak, Senior Researcher, Ukrainian National Institute for Strategic Studies, Kyiv – Dnipro

14:00-16:00
Waldorf

Panel VII (parallel). Market integration II: Emerging Central European gas market
Representatives of gas transmission companies and experts from the member state energy ministries and the Energy Community Secretariat will be invited to comment on the major challenges facing the EU and member states in Central and South Eastern Europe relating to security of gas supplies and developing a strategic gas transmission infrastructure. The panelists will discuss the review of the EU directive on security of gas supply and the decision on transparency of intergovernmental agreements to be debated during the 2016 Slovak Presidency. Special attention will be paid to the implementation of the “Road Map towards the regional gas market among Visegrad 4 countries” adopted by the Visegrad Group Prime Ministers in Warsaw on 16 June 2013. They will also discuss the key challenges in the regional integration of V4 national gas markets.

Chair

Pavol Hamžík, Ambassador-at-Large for Energy Security, Ministry of Foreign and European Affairs of the Slovak Republic

Speakers

Peter Fischer, Deputy Director General for Energy & Climate Policy and Export Control, Federal Foreign Office, Berlin
Janez Kopač, Director, Energy Community Secretariat, Vienna
Milan Sedláček, Director for commercial and regulatory affairs, Eustream, Bratislava
Michael Kehr, Director, Business Development, NET4GAS, Prague
Piotr Kus, Director of the Brussels Office, OGP Gaz-System SA
Ielyzaveta Badanova, Deputy Head, Legal Department, NJSC Naftogaz Ukraine
Q&A

14:00-16:00
Ballroom

Panel VIII (parallel). Market integration III: Regional market-coupling in electricity
The panel will assess the lessons learned in relation to the market-coupling in electricity between the Czech Republic, Slovakia (2009), Hungary (2012) and Romania (2014) that created the basis for building a regional electricity market in Central and South-Eastern Europe. They will consider the experiences of market-coupling from the point of view of the transmission network operators (TSOs) and market operators (MOs) and the perspectives of other countries from the region on joining the integrated CZ-SK-HU-RO electricity market. Other issues include the main obstacles to expanding a regional electricity market and the prospects for market-coupling of regional electricity markets within the EU.

Chair

Matteo del Fante, Vice President, ENTSO-E; CEO, Terna SpA, Rome

Speakers

Michal Cabala, Chair of the Board, OKTE, Bratislava
Zbyněk Boldiš, Member of the Board, ČEPS, Prague
Vsevolod Kovalchuk, Acting Director, NPC Ukrenergo, Kyiv



Konrad Purchała, Deputy Director, Strategy and International Cooperation, PSE S.A.,
Konstancin-Jeziorna

Manfred Pils, Head, Market Management Unit, Austrian Power Grid AG, Vienna
Q&A

16:00-16:30 **Concluding session**
Ballroom

Chair **Dominique Ristori**, Director General, Directorate-General for Energy, European
Commission

Speakers **Peter Plavčan**, Minister of Education, Science, Research and Sport of the Slovak
Republic
Jerzy Buzek, Chair, Committee on Industry, Research and Energy, European
Parliament
Alexander Duleba, Director, Research Center of the Slovak Foreign Policy Association

16:30 Conference close
Cocktail



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