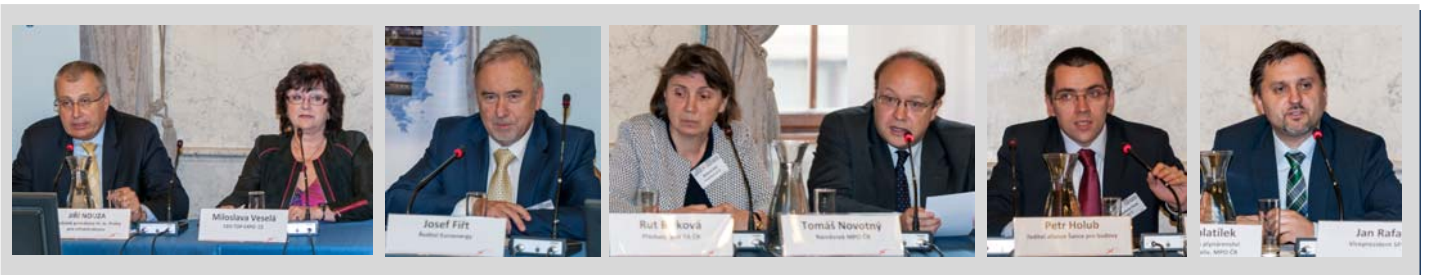


FINAL REPORT

On 11 November 2014, Marble Hall of Clam-Gallas Palace in Prague hosted already 5th year of International Conference on TRENDS IN THE EUROPEAN ENERGY INDUSTRY, with the attendance of distinguished Czech as well as foreign guests, altogether from 14 countries.

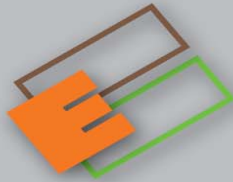


Indeed, interest in changes in the energy sector has been demonstrated by 154 registered attendants, including sector specialists, academicians, state administration representatives, major energy companies, students specialized in technical fields as well as representatives from the sector media. The Conference TRENDS IN THE EUROPEAN ENERGY INDUSTRY was organized under the auspices of the Capital of Prague, which has thus proved its commitment to organizing this Conference cycle. Moreover, the introductory words were presented by Mr. Jiří Nouza, Prague the Capital Deputy Mayor.



International Conference TRENDS IN THE EUROPEAN ENERGY INDUSTRY has been prepared in cooperation with the Ministry of Industry and Trade of the Czech Republic, Ministry of the Environment of the Czech Republic, Technology Agency of the Czech Republic, Czech Technical University in Prague, the Capital of Prague and other institutions. Moreover, TOP ENERGY Preparatory Committee members include a number of major energy experts of the Czech Republic. The Conference was organized under the following auspices, highlighting its technical as well as social importance:

- **Prime Minister of the Czech Republic**
- **Ministry of Industry and Trade of the Czech Republic**
- **Ministry of the Environment of the Czech Republic**
- **Technology Agency of the Czech Republic**
- **Capital of Prague**
- **Czech Business Council for Sustainable Development**



The introductory panel, chaired by **Miloslava Veselá**, CEO of the organizing TOP EXPO CZ Company, featured the following distinguished speakers:

- **Jiří Nouza**, Capital of Prague Deputy Mayor responsible for infrastructure and environment
- **Rut Bízková**, Chair of Technology Agency of the Czech Republic
- **Tomáš Novotný**, Director of EU Funds and International Competitiveness Sections, Ministry of Industry and Trade of the Czech Republic
- **Pavel Zámyslický**, Director of Energy and Climate Protection Department, Ministry of the Environment of the Czech Republic
- **Jan Rafaj**, Vice-President for Energy, Environment and European Regulations, Confederation of Industry of the Czech Republic
- **Josef Fiřt**, Chair of the Conference Preparatory Committee, Director of EUROENERGY Company

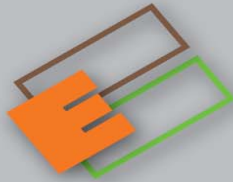
The next item on the Conference programme were the following conference panels:

➤ **DEVELOPMENT OF EU ENERGY SEEN FROM GLOBAL PERSPECTIVE**

The panel was chaired by **Josef Fiřt**, Chair of the Conference Preparatory Committee and Director of EUROENERGY Company



The panel was introduced by **Michaela Nimeřická** with her presentation on **EU Energy-Climate Package by 2030**, focusing in detail on EUROPE 2020 Strategy from the point of view of energy and providing an overview on Climate and Energy Policy Framework for 2020-2030. Followed the paper by **Lenka Kovačovská**, on behalf of **Pavel Šolc**, Energy Deputy Minister of the Ministry of Industry and Trade of the Czech Republic on **Update of the Czech Republic Energy Concept**, with the presentation of the Updated Energy Concept, Energy-Climate Commitments of the Czech Republic as well as energy efficiency targets. The following speaker, **Tomasz Szmuc**, Professor of Science of the Krakow University and Representative of KIC InnoEnergy Poland, with his paper on **EU Energy Development seen from Global Perspective and Ensuring Technologies Implementation in the EU and on the Global Market**, providing, among others, a closer look on InnoEnergy Organization activities and objectives within Europe. **Jostein Dahl Karlsen**, representing the Ministry of Petroleum and Energy of Norway, focused his speech on **EU Energy Development Globally, including Norwegian Point of View**, with an overview of energy development in Europe; furthermore, he spoke about current issue of gas imports from Russia and Ukraine and possible sources for future gas imports in the EU. In the following paper, **Roman Portužák**, representative of Energy Units Center for the use of alternative energy sources, Technical University of Ostrava, focused on **Usage of Fossil and Liquid Fuels within EU Energy Concept**. The first panel closed **Jiří Šťastný**, OTE, a.s. Company Chair of the Board of Directors, on **Contribution of the Czech Republic to Energy Integration Process**.



➤ ENERGY EFFICIENCY OF THE CZECH REPUBLIC, ENERGY SAVINGS AND ENERGY INNOVATIONS

The Panel was chaired by **Pavel Zámyslický**, Director of Energy and Climate Protection Department, Ministry of the Environment of the Czech Republic



The second panel started with paper on **Impact of the Selected Calculation Methodology on Performance Parameters of Renovated Buildings** presented by **Pavel Šmelhaus**, CEO of Atelier ARS s.r.o. Company. Followed a contribution on **Energy Efficiency in Czech Conditions: Where are the Opportunities?**, presented by **Petr Holub**, Director of Chance for Buildings Alliance. Subsequently, a paper on **Energy Efficiency Architecture Using Environmentally Friendly Energy Sources**, by **Petr Správka**, Commercial Director of JUWI Company, was dedicated to the development and implementation of passive houses constructed in the Lusatian Mountains. Last speaker of the second panel, **Jiří Malášek**, Faculty of Mechanical Engineering, Brno Technical University, made an interactive presentation on **Ventilation Turbines – Heat Losses**; having brought a working model to demonstrate ventilation turbines function.

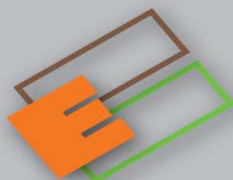
➤ ENERGY SUPPLY SAFETY AND SECURITY, COMPETITIVENESS OF THE CZECH REPUBLIC AND THE EU

Chair of the panel was **Jan Rafaj**, Vice-president for Energy, Environment and European Regulations, Confederation of Industry of the Czech Republic



Jan Rafaj, chair of the third panel, presented a paper on **Impacts of Energy Prices on Czech and EU Industry** dedicated to the issue of energy prices and impacts of their changes on global competitiveness. Followed a contribution by **Jan Zaplatílek**, Director of Gas and Fluid Fuels Department, Ministry of Industry and Trade of the Czech Republic on **How are the Czech Republic and the Whole Europe Prepared to Possible Gas Crisis Resulting from the Situation in Ukraine**. **Pavel Řežábek**, ČEZ, a.s. Company Main Economist of Market Analysis and Prognosis, focused his speech on a very topical issue of **Will the 2030 Targets Increase Energy Supply Security?** Consequently, **Jostein Dahl Karlsen**, representing Ministry of Petroleum and Energy of Norway, had his second contribution on **EU Nets Safety and Security, Energy Supply Predictability**. Last paper on **Critical Energy Infrastructure Protection** presented **Martin Minarik**, Coordinator of Energy Charter, Slovakia, having focused in detail on Energy Charter Organization, its aims and membership benefits.

TRENDY EVROPSKÉ ENERGETIKY



TRENDS IN THE EUROPEAN ENERGY INDUSTRY

Many thanks to our Technical Supervisors:



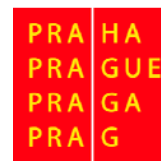
Ministerstvo životního prostředí
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