

ENERGY SOLUTIONS DIALOGUE

— Dialogue on Holistic Policy Issues

How? *Energy Solutions* facilitates dialogue through plenaries, work streams and round table discussions with the view to develop and approach holistic policy issues in relation to the Energy Union.

The event “Energy Union and the need for Integrated Energy Solutions” launches *Energy Solutions* — presenting the concept, introducing the ambition, laying out state of play and discussing energy solutions. Participation includes Vice President of the European Commission, Commissioner Maroš Šefčovič, Head of the European Commission's Energy Efficiency Unit, Paul Hodson, Members of the European Parliament, European energy industry and others stakeholders dedicated to energy solutions.

Work streams run alongside legislative packages to mirror the five dimensions of the Energy Union: Energy Security, Internal Energy Market, Energy Efficiency, Emission Reduction and Research, Innovation and Competitiveness.

Output from activities aim to approach and develop implication papers as well as concrete energy solutions to concrete legislative acts.

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— A Direct Response to the European Energy Union

What? The European Parliamentary Network, *Energy Solutions*, is dedicated to holistic energy solutions for an integrated energy system towards a European Energy Union.

The European Energy Union is a tremendous political project. The project will be the main strategy in delivering affordable, secure and sustainable energy while creating jobs and growth as well as investments.

Energy Solutions are needed for a European Energy Union.

Why? 2016 is the year of action – in 2016 most legislation designed to implement the European Energy Union will be on the table for negotiation within the European Parliament.

Legislation is too often developed for individual silos of the energy sector – and does not sufficiently take into account the well-functioning of the energy system as a whole.

The splits across the energy system as a whole challenges the ability to reach common positions on legislative proposals.

The consequence of not acting now is a real risk of a polarized debate within the European Parliament. A polarized debate risks delaying the adoption of important legislation. *Energy Solutions* aims to develop common ground for holistic energy legislation to underpin the adoption of energy regulation with the ultimate view to support system-based solutions.

Momentum is now as legislative acts hit the European Parliament: Addressing the energy system as a whole in developing energy regulation for energy solutions.

ENERGY SOLUTIONS CREATORS

— Across Political Parties

Who? *Energy Solutions* is represented by energy solutions creators across political parties, constituting the MEP Steering Committee to *Energy Solutions*. The MEP Steering Committee is spearheaded by Mr. Morten Helveg Petersen, Vice President to the ITRE Committee and Member of the European Parliament (ALDE, DA) with founding members from four different political groups and member states within the European Parliament, including Mrs. Angelika Niebler (EPP, DE), Mr. Miroslav Poche (S&D, CZ), Mr. Ian Duncan (ECR, UK), and Mr. Claude Turmes (Greens, LU).



The EU has to deliver affordable, secure and sustainable energy while creating jobs and growth as well as investments to its more than 400 million inhabitants. It requires holistic solutions to energy with the potential to transform Europe. That is why we have initiated Energy Solutions.

- Vice President to the ITRE Committee, Member of the European Parliament and President of Energy Solutions, Morten Helveg Petersen (ALDE).



Energy Solutions facilitates dialogue between the political 'creators' of the ambition for a European Energy Union and the industrial 'makers' for the realization of a European Energy Union. The solution is in the holistic approach – across nations, sector and parties with focus on consumers, market, competition, finance and technologies.

- Member of the European Parliament and Vice President of Energy Solutions, Angelika Niebler (EPP).



Energy solutions are needed if we are to realize a European Energy Union. Energy Solutions is that fresh solution to the energy system.

- Member of the European Parliament and Vice President of Energy Solutions, Miroslav Poche (S&D).



Energy Solutions is adding value by bringing together the different links of the wider energy system. The wider energy sector, politicians and other players are all part of energy solutions in Europe – and we need to start discussions in a wider perspective. We need to start discussing energy solutions.

- Member of the European Parliament and Vice President of Energy Solutions, Ian Duncan (ECR).



We need to speed up the energy revolution – we need to be ambitious – and we need to invest. Energy Solutions embraces synergies through the holistic approach to challenges within the energy system.

- Member of the European Parliament and Vice President of Energy Solutions, Claude Turmes (Greens).

ENERGY SOLUTIONS MAKERS

— Across Sectors

Who? *Energy Solutions* is represented by energy solutions makers across sectors, constituting the Advisory Board to *Energy Solutions*. Companies include 3M, Danfoss, DONG Energy, EDF, Eon, GE, Microsoft, Grundfos, Panasonic, Rockwell, Schneider Electric, Siemens, Velux and Vestas.

DANFOSS *Taking a more holistic view of energy demand and supply will result in huge opportunities as this approach will drive improved efficiencies in building space and water heating, which together account for 80% of final energy use in residential buildings, says Head of Sustainability, Leadership Communication & Public Affairs, Fleming Voetmann from Danfoss.*

EDF *If Europe wants to stay the leader in decarbonisation, cost-efficient and innovative energy solutions, we need to put all our heads together to find the right ideas that work. The faster the better, says EDF.*

GE *We are delighted to be part of this great initiative. Energy remains one of the main challenges facing the European Union and its competitiveness and growth. Addressing the Energy Trilemma can best be done by taking a more holistic approach to consolidating and building an integrated energy system across Europe. We hope that this initiative will provide a positive platform to have that dialogue, says President and CEO, Europe, Mark Hutchinson from GE.*

GRUNDFOS *Energy Solutions can help break down walls between states, markets and different sectors, which is needed to reach the important goals set out in the Energy Union. As pumps are a big part of the energy consumption, there is a huge potential to increase their efficiency as well as use them to support the needed flexibility in electricity consumption, says Grundfos.*

MICROSOFT *We believe in the potential of technology to help solve pressing environmental and energy challenges and build a low-carbon economy. As a consumer of energy we are increasingly investing in renewable energy, boosting efficiency and making our own operations more sustainable. At the same time our intelligent cloud enables process, product and service innovation that leads to more efficiency and less energy consumption and emissions. With this initiative we hope to advance public policies that increase the reliable and affordable supply of sustainable energy and promote the ongoing digitization of industry to drive decarbonization while spurring innovation and economic opportunity, says Microsoft.*

SIEMENS *Our portfolio covers the entire electrification value chain and our solutions are fully integrated. This perfectly matches the approach and the spirit of the network, says Siemens.*

VESTAS *If EU is to be the global leader in renewables, action across sectors is needed and this is what Energy Solutions will enhance. The industry is committed to providing competitive solutions, but we need a stable and ambitious framework to make the energy union a successful reality. If we succeed the result will be higher growth, more jobs and cleaner energy, says Vice President, Global Public Affairs & Marketing, Morten Dyrholm from Vestas.*