



A system- and solutions-based approach to decarbonisation

An Energy Solutions Manifesto

The European Union faces the tremendous challenge of taking urgent steps to decarbonise the economy and the society while at the same time securing the competitiveness of industry, spurring innovation and contributing to social equality, economic growth and long-term sustainable jobs. Moving towards climate neutrality by 2050 requires a paradigm shift from sector-based policies to a system approach with holistic energy solutions at its core.

Energy Solutions, a cross-national, multi-sectoral and cross-party European Parliamentary network, was created to facilitate dialogue between stakeholders and develop a holistic approach to energy regulation by working across the energy system and ultimately support practical and technological solutions to decarbonise the European economy and society. The network is served by an Advisory Board consisting of corporate members from across the energy system (3M, Danfoss, EDF, EON, Equinor, GE, ista, Microsoft, Ørsted, Panasonic, Schneider Electric, Siemens, Velux, Vestas), and a Steering Committee of Members of the European Parliament from different parties and geographies actively involved in the EU climate and energy debate.

What unites us?

- **Vision:** achieving climate neutrality in Europe by 2050 through the large-scale deployment of energy efficiency measures and renewable energy sources - an opportunity to modernise the European economy by tapping into these sectors' innovation and job creation potential and achieving prosperity through sustainable development.
- **System approach:** cultivating an open, result-oriented approach to policy that reflects the complex and interlinked nature of decarbonisation, taking into account the full carbon cycle and the entire energy value chains.
- **Solution-based:** putting practical and technological energy solutions at the core of policy and regulatory measures.

Key enablers

- **Sector coupling:** integration between transport, buildings (heating and cooling), industry and the power sector to better exploit synergies between demand and supply across sectors, harvesting the multiple benefits of energy efficiency, and enabling the integration of increasing shares of renewable energy sources.
- **Digitalisation:** a framework for data exchange and interoperability across the energy system coupled with a reliable and secure digital infrastructure enabling more efficient and effective system management and optimisation as well as the active participation of consumers in the energy transition, including through markets and platforms to exchange energy services.
- **Sustainable investment:** a framework incentivising and channelling private sector investments into sustainable development with value creation in Europe, smarter use of EU financial resources to address knowledge and technology gaps and leverage public and private investments to increase spending on the EU energy system and related infrastructure from the current 2% of GDP to 2.8% (additional investment of around € 175 to 290 billion a year).

For more information:
www.enersolutions.eu