

European Union Energy Day

on the road to becoming a climate-neutral continent

World Future Energy Summit
Capital Suite 1 & 2, 13 January 2020, Abu Dhabi National Exhibition Centre

14.00 – 14.15: Opening session: The European Green Deal

The 9th EU Energy Day will discuss the newly announced European Green Deal and its associated roadmap to become the world's first climate-neutral continent.

This roadmap includes actions to further decarbonise the energy system, including a power sector largely on renewable sources, complemented by the rapid phasing out of coal and decarbonising gas. Increased cross-border, regional cooperation and sector integration will help achieve the benefits of the clean energy transition at affordable prices.

Achieving a climate neutral and circular economy also requires the full mobilisation of industry, with immediate decisions and actions to ensure that the industrial sector and all the value chains can be transformed in the next 25 years. The roadmap includes measures the need to maintain its security of supply and competitiveness even when others are unwilling to act.

The European Green Deal also aims for a 90% reduction in transport emissions by 2050, with significant contributions from road, rail, aviation, and waterborne transport. This requires measures to ramp-up the production and deployment of sustainable alternative transport fuels, sustainable sustainable mobility services in urban areas, and actions to shift a substantial part of the 75% of inland freight carried today by road onto rail and inland waterways.

The event will provide an overview of the energy-related measures in the European Green Deal, and bring together an international audience of policy makers, private sector and researchers to breakthrough technologies, clean energy solutions, and its upcoming initiatives. The goal is to share knowledge and expertise with international partners and give networking opportunities to businesses, innovators and investors.

14.15 – 15.45: Industry for a climate-neutral economy

By setting a vision to reach carbon neutrality by 2050, the EU sets a path for the complete transformation of the industry sector. Electrification, the decarbonisation of heat, new energy carriers and new materials, processes and technologies will be fundamental to support a full decarbonised industry sector.

The purpose of this session is to discuss how an energy transition can support new low-carbon process in the industry sector, and how new innovations in industrial processes can help create a carbon-neutral economy. What opportunities does the EU have in playing a global leadership role? How can the industry balance environmental protection, sustainability and global competitiveness? How can the EU collaborate with other countries to drive a global transition?

16.00 – 17.30: Transforming the transport sector

The transport sector accounts for around 30% of European energy demand, yet it has the lowest share of renewable energy compared to other end-use sectors. With a new target of 14% renewables in the transport sector by 2030 and 8 Member States setting targets for zero-emission passenger vehicles by 2030, there are already initiatives that are accelerating the transition in the transport sector, but a 90% reduction of transport emissions is required for 2050. What solutions are available for the other 86% of energy demand? How can we bring more innovative technologies to the transport market? How are other regions tackling the transport sector?

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