

22.– 26. APRIL 2024

ENERGIZING A SUSTAINABLE INDUSTRY

HANNOVER MESSE 2024



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CONFERENCE RENEWABLE DIALOGUE NORTH SEA ENERGY HUB



Niedersachsen

Dear Ladies and Gentlemen,

With over 60% of global electricity consumption and more than half of global carbon emissions, the industry is one of the largest CO₂ emitters and simultaneously plays a crucial role in ensuring energy supply. Given its high energy consumption levels and patterns, the industry can have a significant impact on energy availability. It contributes to identifying shortages and developing solutions to ensure reliable and continuous energy supply.

Against this backdrop, we are pleased to invite you to the German-Norwegian Energy Conference "Renewable Dialogue - North Sea Energy Hub" as part of the HANNOVER MESSE.

Date: April 23, 2024

Location: Convention Center, Hall 2

Time: 10:30 AM – 2:30 PM

The "Renewable Dialogue - North Sea Energy Hub" places the importance of renewable energies for industrial production processes at its core and underlines their role as the driving force when it comes to innovation and sustainability. For the industry, they play a crucial role, as the future viability of many companies is based on reducing their CO₂ footprint. What role can the North Sea play as an energy hub and what potentials do the neighboring states offer? Learn about the political framework conditions and which technical innovations can make a sustainable contribution.

The number of participants is limited, so we kindly ask you to register in advance using the following link:

[Renewable Dialogue – North Sea Energy Hub](#)

For further information please visit our website: **[HANNOVER MESSE – RENEWABLE DIALOGUE](#)**.

We look forward to your participation.

Yours sincerely,

Stephan Weil

Minister President of Lower Saxony

Dr. Jochen Köckler

CHAIRMAN OF THE MANAGING BOARD OF DEUTSCHE MESSE

CONFERENCE RENEWABLE ENERGY NORTH SEA ENERGY HUB

BLOCK 1: POLITICAL DISCUSSION

THEME: Renewables as Opportunity: Exploring Global Perspectives on Sustainable Energy

Renewable energies offer diverse opportunities: from building a sustainable energy system, to reducing emissions in the production process, to the possibility of cross-border collaboration. What could the necessary political framework conditions look like and what opportunities do they offer?

PARTICIPANTS:

DR. ROBERT HABECK, FEDERAL MINISTER FOR ECONOMY AND CLIMATE PROTECTION, GERMANY

TERJE AASLAND, MINISTER OF ENERGY, NORWAY

HON. FRANÇOIS-PHILIPPE CHAMPAGNE, MINISTER OF INNOVATION, SCIENCE, AND INDUSTRY, CANADA

STEPHAN WEIL, MINISTER PRESIDENT OF LOWER SAXONY, GERMANY

BLOCK 2: INDUSTRIAL DISCUSSION

Which technical innovations and best-case examples already demonstrate how renewable energies can increasingly form the backbone of a sustainable industry?

In the following panels industry representatives will discuss these questions:

- Potentials of renewable energies in the North Sea and neighboring states
 - This session brings together experts and stakeholders to explore the numerous challenges and opportunities in the dynamic North Sea region. Discussions cover ways to harness abundant wind, wave and tidal resources for sustainable energy production; cross-border collaboration for infrastructure development; and methods for mitigating environmental impact. Key topics include political frameworks, technological advancements and investment strategies to accelerate the transition towards a cleaner and more resilient energy landscape.
- Contribution of hydrogen to European climate goals
 - Hydrogen can play a pivotal role in meeting European climate targets. This session gathers experts to examine hydrogen's specific contributions. Discussions focus on leveraging hydrogen as a versatile and low-carbon energy carrier in industry. Topics include production, infrastructure, innovation, regulations, investment incentives, and collaboration.
- Opportunities and risks of CCS/CCU (Carbon Management)
 - Carbon management technologies have transformative potential as well as inherent challenges. This session delves into capture and use methods, explores promising ways to reduce carbon emissions, and examines the complexities and uncertainties of deployment at scale. Furthermore panelists discuss regulatory, financial, and societal concerns to ensure effective and sustainable implementation.
- Sustainable financing - an enabler of a new energy system
 - Sustainable financing plays a pivotal role in enabling a new energy system by directing capital towards renewable energy projects, infrastructure development, and innovative technologies. This session looks at how mechanisms such as green bonds, impact investments and carbon pricing encourage the transition from fossil fuels to cleaner, more resilient energy sources and the risks to the transformation process in the event of a lack of financing.

In further cooperation with:



Norwegian Ministry of Energy

