

| DAY ONE AGENDA - TUESDAY 30 APRIL 2024

08:30-09:00 Registration

09:00-09:15 Welcome

09:15-10:30 **Session 1: Energy Sector Updates - *Let's get ready to rumble!***

Are we on track to meet 2050 targets? We kick start our two day conference with an overview on each of the energy sectors and markets that will be discussed over the course of the conference.

10:30-11:40 **Session 2: Unlocking the North Sea as a Green Powerplant - *Collect, Connect, Convert***

The North Sea as a 'Green Power Plant of Europe' is a concept that revolves around harnessing its renewable energy potential to serve as a significant hub for green energy production. This will involve offshore wind production on a massive scale as well as electricity and green hydrogen interconnectors.

Collaboration between organisations is critical to success in creating an integrated energy system, and as the North Sea is recognised as a significant hub for energy production and consumption, it becomes a vital element for countries surrounding it. During this session we will be looking at how collaboration across borders could create an integrated renewable energy system for the North Sea.

11:40-12:00 Networking Break

12:00-13:15 **Session 3: OFFSHORE WIND - *Wind Today, Green Tomorrow***

Offshore Wind is one of the key building blocks for green transition and key in our journey to tackling climate change. In both the UK and Europe, the offshore wind project pipeline continues to increase providing important economic and environmental opportunities. In the session we will discuss offshore wind in more detail, look at some of the latest developments, and discuss the challenges that lie ahead as well as the vast opportunities available in this sector.

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13:15-14:25 Networking Lunch

14:25-15:40 **Session 4: MARINE ENERGY - *Sustainably Green out of the Blue***

The North Sea is ranked as the 13th largest sea globally and presents an unparalleled opportunity for generating clean energy and helping to achieve net zero targets. The UK already has 10 MW of tidal stream generation installed, with more wave and tidal tests underway than anywhere else in the world. Ocean Energy Europe stated in their 2030 Ocean Energy Vision report, that 2.9GW of clean energy can be deployed globally by 2030, with 92% of this being in European waters. Join us for this session to discover the advancements and cutting-edge technologies emerging, helping to propel this sector forward.

15:40-16:55 **Session 5: ELECTRIFICATION: *Together in Electrific(ation) Dreams***

Although declining, oil and gas are still very much part of our energy mix as we continue to rely on their production to meet rising energy demands. It is therefore essential that this energy is produced with as low a carbon footprint as possible. Offshore oil and gas production sites in the North Sea are not linked to onshore electrical grids, they depend on localised power generation usually employing onboard gas turbines or diesel generators to meet energy needs during production. Transitioning this to renewable energy sources would have a significant impact on reducing greenhouse gas emissions. This session will address why offshore electrification may be the key to unlocking the North Sea's energy transition.

16:55-17:00 Day One Closing Remarks

17:00-19:30 Energy Networking Reception