

## Press release

### RWE announces winner of global Innovation Competition

- **Indeximate Ltd. from the UK has won RWE's 2023 competition for innovations in offshore wind**
- **Winner has developed advanced data transfer and analytics solutions for cable condition monitoring to enable preventive maintenance; innovative technology will additionally provide vessel tracking, ambient noise measurements and monitoring of marine life**
- **Indeximate coordinates closely with RWE's innovation team; RWE and Indeximate signed letter of intent to test winning solution at Arkona offshore wind farm in Germany**

Essen, 27 February 2024

[Indeximate Ltd.](#), a start-up founded in the UK in 2022, has won RWE's second global Innovation Competition. The [competition](#) was launched with the aim to find innovative solutions in the domains of system integration, circularity and environmental protection in offshore wind that can support RWE's growth ambitions and sustainability targets.

In order to select the winner, RWE performed a thorough technical assessment with a jury made up of leading RWE experts from all relevant fields, and evaluated the potential of the submitted innovations. This year's winner suggested an innovative fibre optic sensing based approach, which can support preventive maintenance of subsea cables and at the same time monitor vessel traffic as well as the underwater environment, and thus build a picture of the ecology pattern of marine life in offshore wind farms.

During a ceremony at RWE's headquarters in Essen, the winner was presented with the specially-made award by **Anika Borm, Technical Innovation Lead at RWE Offshore Wind**: "As one of the world's leading renewable energy companies, RWE promotes the pursuit of innovation in offshore wind. To support this ambition, we have launched our Innovation Competition. Combining our own expertise with promising new technology concepts will support us in achieving RWE's ambitious growth and sustainability targets. From a large number of high-quality applications, Indeximate emerged as the winner. The innovative element of their solution is the 'Indeximation' of acoustic data, ensuring a more detailed and targeted analysis of acoustic signatures in the subsea soundscape. In addition to cable condition monitoring, this system will provide for vessel as well as marine mammal identification and tracking. The technology has thus great potential for creating exciting insights into the ecological systems and supporting the preventive maintenance of RWE's global offshore wind fleet."

# RWE

The three founders of Indeximate have long-standing experience and expertise in acoustic and fibre optic sensing. **Dr Chris Minto, co-founder of Indeximate Ltd.:** “We are hugely honoured to receive this prestigious award and are excited at the opportunity to demonstrate how we can bring long-term sensing intelligence gains to RWE via cable condition monitoring.”

Through the award the Indeximate team became part of RWE’s Technical Innovation programme, which grants access to leading experts and the opportunity to further develop and test their innovative solution under real-life conditions. At the beginning of 2024, RWE and Indeximate signed a letter of intent to jointly assess the opportunity to pilot Indeximate’s technology at the RWE-operated [Arkona offshore wind farm](#), located 35 kilometers northeast of the German island of Rügen in the Baltic Sea. With an installed capacity of 385 megawatts Arkona can supply the equivalent of approximately 400,000 German households with green electricity.

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## RWE

RWE is leading the way to a green energy world. With its investment and growth strategy Growing Green, RWE is contributing significantly to the success of the energy transition and the decarbonisation of the energy system. Around 20,000 employees work for the company in almost 30 countries worldwide. RWE is already one of the leading companies in the field of renewable energy. Between 2024 and 2030, RWE will invest 55 billion euros worldwide in offshore and onshore wind, solar energy, batteries, flexible generation, and hydrogen projects. By the end of the decade, the company’s green portfolio will grow to more than 65 gigawatts of generation capacity, which will be perfectly complemented by global energy trading. RWE is decarbonising its business in line with the 1.5-degree reduction pathway and will phase out coal by 2030. RWE will be net-zero by 2040. Fully in line with the company’s purpose - Our energy for a sustainable life.

## Forward-looking statements

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