

Making E-SAF in Saudi Arabia – Royal Commission, Nordic Electrofuel and Jump reach milestone for ramp-up of e-fuel production

Jubail, December 10th, 2024

The Royal Commission for Jubail and Yanbu, in collaboration with Nordic Electrofuel and Jump, has signed a Memorandum of Understanding (MoU) which aims to foster cooperation in the development of large-scale production of green synthetic aviation fuel in Jubail, Saudi Arabia. This initiative will utilize captured CO₂ and green hydrogen, aligning with the objectives of Vision 2030. Nordic Electrofuel, a prominent project developer and technology provider supported by the European Union ETS Innovation Fund, is currently developing several commercial facilities to produce E-SAF in Norway focusing on conversion of CO₂ and renewable power into E-SAF, the first of which being E-Fuel Pilot at Herøya Industry Park. Jump is a gateway to impactful human and business development, advancing projects that benefit people and the planet. Aligned with the Philosophia Foundation's vision, it provides advice, funding, and promotion for transformative initiatives. Jump fosters a community of purpose-driven investors and empowers empathetic entrepreneurs to scale innovative solutions while supporting the UN's Sustainable Development Goals and promoting sustainable living.

The vision for Jubail includes the eventual implementation of Direct Air Capture (DAC) technology for CO₂, enabling the marketing of a comprehensive carbon-neutral solution to the global aviation industry. DAC could facilitate a fully green circular industrial value chain with zero reliance on fossil fuels and no net emissions when the fuel is burned. Jubail boasts perhaps the highest concentration of serviced industrial land globally, along with resources for PVC solar power, skilled labour, industrial colleges, infrastructure, community support, and feedstock such as waste CO₂ and future blue and green hydrogen. This unique combination positions the project for both financial and technical success. Jubail is already a producer and exporter of conventional jet fuel, making it well-equipped to transition quickly and economically to green and blue jet fuel production.

“The cooperation with the Royal Commission for Jubail and Yanbu and Jump for e-fuel production in Jubail is a pivotal step in our journey towards global expansion and innovation leadership. Nordic Electrofuel is dedicated to leveraging this partnership to drive forward our mission of producing sustainable electrofuels. By combining our expertise with that of our partners, we aim to make significant strides in reducing carbon emissions and promoting clean energy alternatives. We look forward to the opportunities this partnership will bring and are excited to work together towards a more sustainable and environmentally friendly future.”

Gunnar Holen, CEO, Nordic Electrofuel

The Memorandum was officially signed on December 3rd during the prestigious “Sixth International Conference on Learning Cities”, hosted by UNESCO in Jubail, Saudi Arabia, from December 2 to 5, 2024. This high-profile event, which focuses on climate action and sustainable development, provides an ideal platform to highlight our shared vision for a sustainable future.



About Royal Commission for Jubail and Yanbu:

The Royal Commission for Jubail and Yanbu (RCJY) was established on 21 September 1975, as an autonomous organization of the Saudi Arabian Government. The commission is governed by a board of directors and its chairman reports to the Council of Ministers. The chairman's office in Riyadh formulates policies and oversees implementation through two Directorates General; one in Jubail and the other in Yanbu.

<http://www.rcjy.gov.sa/>

About Jump:

Jump is a human and business development driven platform for projects with a positive impact on people and the planet. It advises, funds and promotes those initiatives that follow Philosophia Foundation's vision for a better world. It nurtures a community of happy investors committed to their life purpose and support the next generation of sensitive entrepreneurs to scale up their innovative projects. Jump promotes the realization of the United Nations' Sustainable Development Goals and the sustainable development of life.

About Nordic Electrofuel:

Nordic Electrofuel AS (NELF AS) business idea is to produce carbon-neutral e-fuel and wax, based on synthetic hydrocarbons using renewable energy, water and CO/CO₂. e-fuel provides the most cost-effective solution for decarbonising the aviation industry. The Company has carried out a life cycle analysis of our e-fuel which confirms a 99.9% Green House Gas emission avoidance compared to fossil-based fuel. Following commencement of the E-fuel pilot plant at Herøya, Nordic Electrofuel has a portfolio of subsequent plants with a roadmap to reach a capacity of one billion litres within a decade from now. To learn more about NELF, please visit

www.nordicelectrofuel.no and follow us on LinkedIn:
<https://www.linkedin.com/company/nordicelectrofuel/>

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