

CHALLENGE 2024 WORKSHOP

NOVEL OR EMERGING TECHNOLOGIES FOR SUSTAINABLE AND CONTINUOUS ENERGY SUPPLY

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On **Monday 25 September 2023** the Novo Nordisk Foundation will host a workshop with the aim of bringing together the research community for an exciting day of knowledge sharing and networking, with the ambition to facilitate research partnerships and lay the seeds for realising creative solutions and new technologies within the 2024 Challenge theme: **Novel or emerging technologies for sustainable and continuous energy supply**.

At the workshop there will be exciting invited and contributed talks as well as a poster session and participants can enjoy nice food and networking.

Workshop venue:

Novo Nordisk Foundation - Tuborg Havnevej 19 - 2900 Hellerup

The **Challenge** is to research and develop novel or emerging technologies for sustainable and continuous energy supply, complementing intermittent energy supply forms, thereby contributing to a decarbonised and secure energy system in the future.

The Challenge calls for interdisciplinary collaboration between physics, chemistry, engineering, energy planning, modelling, and materials science. The research could target fundamental understanding of controlled energy production based on nuclear reactions, the development of enabling technologies providing sustainable, continuous, safe, and robust energy production, or it could address technologies for energy storage across relevant timescales. The successful research plan should include a systematic assessment of the pros and cons of the proposed research or developing technology relative to other types of sustainable energy production, and the project should also contain a plan for university-level educational activities and public outreach.

Tentative programme

9.00	Registration and coffee
9.30	Morning session (chair Kasper Nørgaard)
9.45	Welcome and introduction by SVP Lene Oddershede
10.00	Invited and contributed talks
11:45	Lunch and networking
12.45	Afternoon session
12.45	Invited and contributed talks
15.00	Closing remarks
15.15	Reception, networking and poster session
17.00	Workshop ends

Organisers:

Scientific Director Kasper Nørgaard, kno@novo.dk
Senior Manager Pernille Risegaard, pjri@novo.dk