

Press release

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Energieküste - Germany's Green Energy Valley

Sustainable news and events at Hannover Messe 2022

Real green energy in abundance - that's where you want to be, that's where you have to be. Northvolt, for example, thinks so too and wants to invest in the Energieküste, where a completely climate-neutral energy system is being realised in giant steps. Visitors to the Hannover Messe from 30 May to 2 June can find out how this is being done and which sensational projects are involved at the Schleswig-Holstein stand D 50 in Hall 13. As the umbrella brand of Germany's unique future location for renewable energies on the Schleswig-Holstein North Sea coast, the Energieküste invites visitors to an exciting programme and energy-filled exchange. Ten of the partners will present themselves at the new event "MEET THE NEED" on 31 May from 2 p.m. - spectators are welcome at the stand. In addition, a round table discussion with successful doers from the region known for its pioneering spirit will provide sustainable inspiration for the rapid energy turnaround: 1 June at 1.30 pm. "From generation to sector coupling and hydrogen to mobility and heat - in just under two years, we have succeeded in creating a concise image for the business location and winning numerous pioneering projects," says Florian Lorenzen, District Administrator of the North Frisia district and Chairman of the Regionale Kooperation Westküste.

Great green battery projects

Exceptional value creation potential, targeted policies, research and support for all actors around renewables also attract international companies to the Energieküste: Green Energy for green batteries from Northvolt AB, Stockholm. Kirsten Voss, Energieküste Project Manager: "The planned Gigafactory for green batteries in the Heide region is an important step towards independence from fossil energy. We would naturally like to win Northvolt as a partner." A highlight of this high-tech sector is also the Energieküste partner CUSTOMCELLS®, European market leader in the development of special lithium-ion battery cells and electrode production. With investments amounting to several million euros, the massive expansion of development and production capacities in Itzehoe has just been completed.

New on the platform

A new strong partner is the energy supplier TenneT TSO GmbH, which, among other things, accompanies hydrogen projects on the Energieküste, transports large amounts of green energy and is working on the necessary grid expansion. The energy transition alliance "Norddeutsches Reallabor" (NRL) is also fresh to the umbrella brand. Three federal states, 50 actors from business, science and politics with an investment volume of 300 million euros are pursuing big plans for a sustainable future. Green hydrogen as a success factor: In the next five years, the NRL will build 18 large plants in 25 projects in Schleswig-Holstein, Hamburg and Mecklenburg-Vorpommern to test a holistic transformation of the energy system.

LNG terminal in Brunsbüttel

Preparations for the construction of a liquefied natural gas (LNG) terminal in Brunsbüttel on the Energieküste are gathering pace. According to plans, liquefied natural gas will be landed here by tanker and regasified into eight billion cubic metres of natural gas per year. This would enable Germany to obtain natural gas from regions that cannot be reached by gas pipelines. In the complementary ammonia import terminal planned by RWE, initially around 300,000 tonnes of green ammonia are to arrive annually from 2026. This is intended to facilitate the subsequent conversion of the entire site to green molecules.

Energieküste Infrastructure Forum

On the Energieküste, the expansion of wind energy and electricity grids has long been driven forward. In order to create further energy transition infrastructure and optimise the overall system, the 1st Energieküste Infrastructure Forum took place at the end of April on the initiative of Energy State Secretary Tobias Goldschmidt. Around 100 participants took advantage of the new exchange platform on pipeline infrastructure projects for electricity, gas, hydrogen and oxygen and discussed the current planning status of various projects, possible influences on the region and its citizens, as well as synergies and risks with the developers of energy pipeline infrastructure. The results of the decisions and new cooperations will be visible on the Energieküste as early as next year.

About the Energieküste

The Schleswig-Holstein North Sea coast is Germany's future location for renewable energies. Experts, researchers, creative minds and energy enthusiasts are shaping a highly innovative energy system from existing resources here. To bundle their know-how, the districts of North Frisia, Dithmarschen, Steinburg and Pinneberg founded the umbrella brand and platform "Energieküste". The aim of the districts, which have joined together to form the "Regionale Kooperation Westküste" and are regarded as incubators for innovations in the field of renewable energies, is to strengthen the existing economy, attract new companies and skilled workers, and create a concise image for the business location. The "Energieküste" is financed with funds from the "Regionale Kooperation Westküste" budget, supported by the state programme Economy, and the four districts of the "Regionale Kooperation Westküste". Further information is available at www.energiekueste.de.



Caption: Looking forward to the Energieküste events "MEET THE NEED" and "Energieküste Talk":
A. Fröhlingsdorf, K. Voss, M. Hüppauff and T. Meyer, WFG-NF (l.t.r.) © Energieküste



Caption: Germany's Green Energy Valley for the first time in presence at the Hannover Messe
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