



Press release

WELCOME CRYOSHELTER

Growth at CEP: Clean Energy Partnership welcomes Cryoshelter!

Berlin, 21 Dec 2021. As the year draws to a close, the Clean Energy Partnership has big news to announce: the Austrian cryotank manufacturer Cryoshelter has joined the CEP as its latest partner. Their shared goal: to use their combined expertise to bring CO₂-neutral mobility to the streets. The Austrian company's competencies – cryogenic hydrogen storage and liquid storage of LNG (Liquified Natural Gas) – are a perfect fit with the fields the CEP industry initiative works in: The partnership has set itself the task of developing refuelling standards for mobility powered by hydrogen and fuel cells, and was formative in defining the global standard for 700-bar refuelling for passenger cars and light commercial vehicles.

Cryoshelter – Another expert for the CEP

Cryoshelter was founded by Dr. Matthias Rebernik in 2008 – inspired by his PhD thesis, which was about liquid storage for BMW cars. Cryoshelter specialises in cryogenic hydrogen storage as well as liquid storage of LNG (Liquified Natural Gas). Since liquid gas needs to be transported at very low, cryogenic temperatures, logistics is one of the biggest challenges. Cryoshelter developed liquid gas tanks specifically for this purpose. Knowing that CO₂-neutral mobility requires not only the right tank design but also production, logistics, and provision at filling stations, the company decided to join the CEP industry network.

Strong partners for mobility

“Hydrogen is currently one of the major challenges across the entire mobility industry. Here, the CEP appears to us to be a necessary and helpful platform to bring the various interest groups of truck, hydrogen, filling-station, and tank manufacturers together to jointly deal with and resolve the many open questions for the benefit of the users! Cryoshelter has hydrogen in its DNA and feels that the CEP network of partners puts it in good company for making a decisive contribution, especially in the field of cryogenic storage!” says Dr Matthias Rebernik, CEO of Cryoshelter GmbH, explaining the rationale behind joining the partnership.

Hydrogen storage and logistics are complex topics that are discussed and worked on within the CEP as well. The industry partnership addresses the intersection between vehicle and filling station and is thrilled to welcome its new member from Austria: “We are delighted to have Cryoshelter as a new partner. Together, we will work on matters of logistics and storage, taking important steps towards market ramp-up as a team,” says CEP Chair Jörg Starr, Chairman of the CEP, H₂ Expert at Audi AG's Hydrogen Technology Center, at the Group's Fuel Cell Office in Ingolstadt.

hydrogen, naturally.

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The Clean Energy Partnership (CEP) partners/members work as an industry alliance to further establish green, hydrogen- and fuel cell-powered mobility on the market. With a focus on supply security and environmental compatibility. Here, technology, petroleum and energy/utility companies, gas producers, and car manufacturers collaborate across industries and sectors. Together, we set standards across all modes of transport. Innovatively and with a view to the future. We are natives of the mobility sector, but consider all adjacent sectors. We see the big picture. Our solution for a successful energy and transport transformation?
Hydrogen, naturally!