Press release
May 21st 2021

The partners from the GreenHyScale project enter grant agreement preparation phase for the first of its kind 100 MW electrolyser project.

In connection to the EU Green Deal 2.2 funding call, the consortium partners are currently in preparation of the Grant Agreement with CINEA for the first of its kind 100 MW electrolyser project. The project will demonstrate a minimum 100 MW of green electrolysis based on a novel multi-MW-range alkaline electrolyser platform delivered by Green Hydrogen Systems and installed at GreenLab Skive: a symbiotic, industrial Power-to-X platform. The grant has a budget contribution of 30m Euro.

The objective of the GreenHyScale project is to pave the way for large scale deployment of electrolysis both onshore and offshore, in line with the EU hydrogen strategy and offshore renewable energy strategy. A 6 MW module fitting into a 40-foot container will be demonstrated as the first step in the project, and lead to a minimum 100 MW electrolysis plant, if criteria in a Go/No-go milestone are fulfilled.

The 100 MW electrolysis plant will generate green hydrogen from directly connected renewables in combination with certified green electricity from a TSO grid connection. Waste heat will be used on-site and in connection with district heating.

GreenLab Skive distributes green electricity from both wind and solar sources through its unique SymbiosisNet, which optimises and exchanges energy in all forms (heat, gas, water, heat) between the industrial park entities, external suppliers and off-takers.

Please contact consortium members for further statements.

Disclaimer:

This communication should not be regarded under any circumstances as a formal commitment by the CINEA to provide financial support, as this depends on the satisfactory and timely conclusion of grant agreement preparation.