

ESTECH pilot plant for combined Carbon Capture and Hydrogen Production is now operational

News release from ESTECH

Svendborg, 8 Jun 2021

The Carbon Capture and Hydrogen Production Plant, which was installed during the month of May at VandCenter Syd, has been commissioned and is operational.

During the first days of operation the plant has already documented and satisfied the criteria for the ESTECH System:

- i. > 80% CO₂ removal possible.
- ii. Co-production of hydrogen while extracting CO₂ from the scrubber wash-water.
- iii. Regeneration of the scrubber wash-water into new KOH reactant.

About ESTECH

ESTECH A/S, which was established in late 2018, is an engineering and development company that further develops several high-tech and economically sustainable environmental technologies that have previously been placed in its sister company PureteQ A/S.

ESTECH has developed and patented a unique combination of Carbon Capture and parallel production of hydrogen. The technology is unique in its approach to Carbon Capture, as it merges two operations in one combined process. The ESTECH system provides cost-efficient capturing of CO₂, and a maximum integration to Power-to-X between CO₂ capture and hydrogen production – solely based on green electrical power, with no thermal heat requirement.

ESTECH is a subsidiary of the PureteQ Group with its administration, design, development, testing centre and production based in Svendborg, Denmark.

We invite you to learn more about ESTECH by visiting our website at www.estech.dk and following us on LinkedIn:



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