

The HyTrEc project aims to improve access to and advance the adoption of hydrogen as an alternative energy vector across the North Sea Region.

Six European countries are involved in the project:

- Aberdeen City Council, Gateshead College, UK
- European Institute for Innovation, Germany
- Green Network, Denmark
- Hydrogen Sweden, SP Technical Research Institute of Sweden
- WaterstofNet, Belgium
- Narvik University College, Norway.

The objective is to promote:

- regional accessibility strategies;
- environmentally responsible energy production practices;
- the development of multi-modal and transnational transport corridors;
- the development of efficient and effective logistics solutions;
- sustainable growth solutions for expanding areas.

The role of Narvik University College within HyTrEc is

- To raise awareness and promote hydrogen transport amongst various stakeholders in northern Norway.
- To integrate activities of other hydrogen projects in Norway
- To contribute in preparing education material on fuel cells and hydrogen
- To organise workshop/seminar in Narvik

Technologies and Expertise

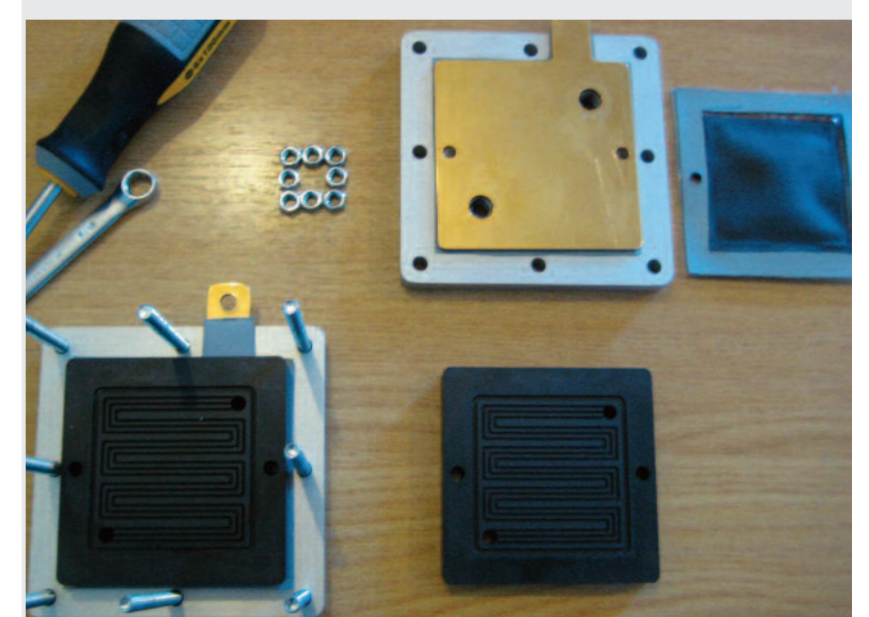
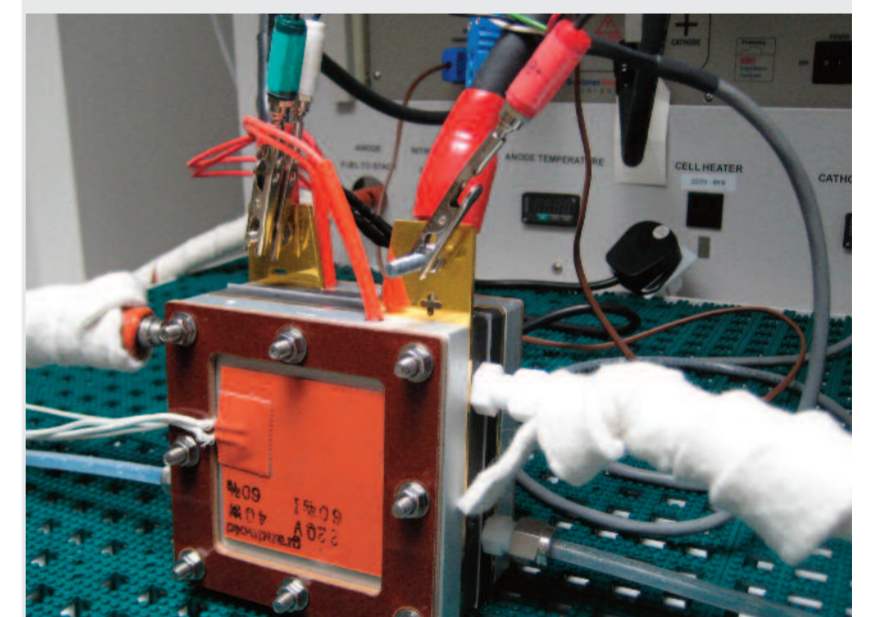
- The research program at Narvik University College is focused on developing technologies for zero carbon energy solutions for sparse populations in the northern region.
- There are on-going projects to develop integrated energy systems, such as bio energy and wind energy for green hydrogen production
- Research in design and manufacture of fuel cells and fuel cell stacks

Lab Facilities

- Advanced manufacturing lab equipped with 3D-printer and rapid prototyping
- Well equipped labs for material testing, smart grid testing and wind tunnels
- Super Computing Lab



Narvik University College (NUC) is the only institution providing engineering and technical education in northern Norway and particularly interested in developing technologies and expertise for zero carbon solutions for the region.



For more Information:
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