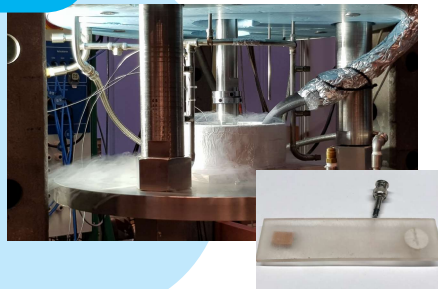


Cryogenic Hydrogen Test Facility

Challenge

Liquid hydrogen infrastructure needs reliable storage. Lack of standards and guidelines on hydrogen solutions is a big issue.



How

Set up a large capacity cryogenic test facility that would allow testing with liquid hydrogen. A parallel NWO to be developed to demonstrate a cryogenic tank with sensors and cryogenic temperature resistant materials.

Impact

Realization of hydrogen infrastructure for CO2-free maritime transportation needs large scale liquid hydrogen testing capacity. This project will realize this need.