



Norwegian-German consortium gains research support to develop high impact green technology

A consortium, consisting of the two Norwegian companies Environgas AS and Tritec AS along with the German company, Büscherhoff Spezialverpackung GmbH & Co. KG, has been granted research support of up to 6,6 MNOK (about 850 000 EURO) from CLIMIT, the Norwegian national programme for research, development and demonstration of technology for capture, transport and storage of CO₂.

The consortium is working to develop a technology for use on board gas carriers such that these ships may increase their utilization whilst reducing their environmental impact. The system, once developed, will yield benefits to the ship owner, cargo owner and environment alike. The Rapid Purge Technology (RPT) is truly an example where environmental technology, once adopted, benefits both commercial and environmental interests.

The RPT is a system that enables gas carriers to deliver all its cargo, including the gas vapour, to the terminal. In this manner, the vessel may be readied for a new and different gas cargo in shorter time, less costly and without release to atmosphere, which is otherwise the case with today's technology.

The specific research is in its first stage aimed at gas carriers intended for use in a future seaborne CO₂ trade. However, it is the intention in an additional project with the consortium to further expand the systems applicability into current petrochemical gas trade as well as the planned CO₂ trade.

To learn more about the RPT technology, you may visit www.environgas.no

Consortium members:

Environgas AS is a Norwegian limited company, established in 2008 with the sole purpose of developing the RPT technology. The current owners are R&M Projects AS, Sael Consulting and Ipark AS. Home page: www.environgas.no. Contact persons: Dr. Egil Sæl, telephone (+47) 908 81 064 and Mr. Ola Ravndal (+47) 915 34 876

Tritec AS is a group of companies, which offer development, engineering and fabrication of complex automation. The group is working in three main areas: "Customised automation", "Fabrication" and "series production" for offshore, car, and mechanical industries. Home page: www.tritec.no
Contact person: Mr. Bjørn Kverneland (+47) 907 99 727

Büscherhoff Spezialverpackung GmbH & Co. KG is a German company, which is one of the leading companies within production of special film packaging. Their product range is from dry bulk packaging to large container liners, including the famous Flexitank, container liner, used for bulk liquid transport in standard ISO containers. Home page: www.buescherhoff.com
Contact person: Mr. Bernd Büscherhoff (+49) 171 400 2773



The **CLIMIT** Programme is established by the Norwegian Government to support the development of technology for Carbon Capture and Storage (CCS) applied to gas power and other fossil fuel-based power generation as well as industrial point source emission of CO₂. The programme is managed by the Norwegian state enterprise Gassnova SF in cooperation with the Research Council of Norway. Home page: www.climit.no