



Norways oldest brewery chooses Norways newest solution!

Aass Brewery has selected Biowater Technology as partner to explore the possibilities for a state-of-the-art wastewater treatment and energy production facility at their brewery site.

The project is centred around a six-month test of the Biowaters patented HyVAB technology, a next generation biological reactor comprising two stages.

The potential full scale project could see removal of 4 500 kg/day COD with generation of 2 000 m³/day biogas (equivalent to 10 000 kWh/day sustainable energy production) with treatment methods in accordance with BAT-AEL*-conclusions.

The project has received grant funding from Innovation Norways Environmental Technology Scheme.



Aass Brewery in Drammen, Norway

Biowater Technology HyVAB Pilot container



Today, Aass Bryggeri is a modern industrial company that produces over 31,000,000 liters of beer, cider and mineral water a year. Even in a modern company, there is a lot of craftsmanship in brewing and bottling beer of high and consistent quality. In the last 10 years, we have made investments that are more environmentally friendly, have greater capacity and increased efficiency. We work continuously with improvements, and conserving resources has become part of everyday life.

When you choose a product from Aass Brewery, we guarantee that it is brewed and bottled in Norway. We create jobs nationally and contribute to the circular economy.

- **Christian Aug. K. Aass – Administrative Director, Aass Bryggeri**

Biowater is dedicated to supporting local industry and improving the environment with next-generation technology solutions. We have delivered over 120 projects worldwide, with 35 in Norway.

We look forward to developing the HyVAB concept further through the Innovation Norway Environmental Technology Scheme, to demonstrating HyVAB for Aass Brewery and to be able to support another customer in exceeding their goals for water purification and resource conservation.

- **Ilya Mario Savva, CEO Biowater Technology AS.**



*BAT-AEL are "Achievable Emission Level associated with application of the Best Available Techniques under The Industrial Emissions Directive (IED) 2010/75/EU. Enforced in Norway by the Country Governors Climate and Environmental Department (Fylkesmannen – Klima og miljøvernvedelingen).