

## Calanus AS

Calanus AS is a Norwegian biomarine company founded on competence on ecologically sustainable harvesting of the zooplankter *Calanus finmarchicus* and on scientific and technological expertise related to development, manufacture and use of health- and nutrition products and bioactive compounds based on this abundant resource present in the North Atlantic ocean.

*Calanus finmarchicus* differs from many other marine organisms harvested today, both with regard to its ecological adaptation and biochemical composition. It is therefore the source of novel products with unique properties, including Calanus® Oil which is now being tested clinically in man due to its ability to significantly reduce the deposition of abdominal fat and improve glucose tolerance in experimental animal models.

*Calanus finmarchicus* is a huge biological resource. The annual production in the North Atlantic is many times higher than the total biomass of all fish species in the same area, including cod, herring and mackerel. It is nevertheless the company's policy to develop its harvesting activity with due precaution and within safe limits set by the environment and the authorities.

Calanus AS has developed and patented an environmentally friendly towing system for scouping and harvesting of *Calanus finmarchicus*. As a first mover the development of industrial harvesting, Calanus® AS is the only company with products based on *Calanus finmarchicus* on the market today. Access to the raw material has given the company a competitive advantage in developing novel bio-products for a wide range of applications:

- Human health- and nutrition products, e.g. dietary supplements and functional food ingredients
- Animal health and nutrition products, e.g. functional ingredients for starter feeds for fish (aquaculture) or pet food
- Possible human pharmaceutical product candidates

Successful harvesting and processing of *Calanus finmarchicus* has opened for a whole new branch of the marine bio-industry, offering an avenue for industrial innovations and commercial opportunities far beyond the current follow-up capabilities of Calanus AS. The company is therefore positive to collaborate with others to develop the entire value-chain, from harvesting, product development, and marketing and sales of products. Please do not hesitate to contact the company to discuss such opportunities.