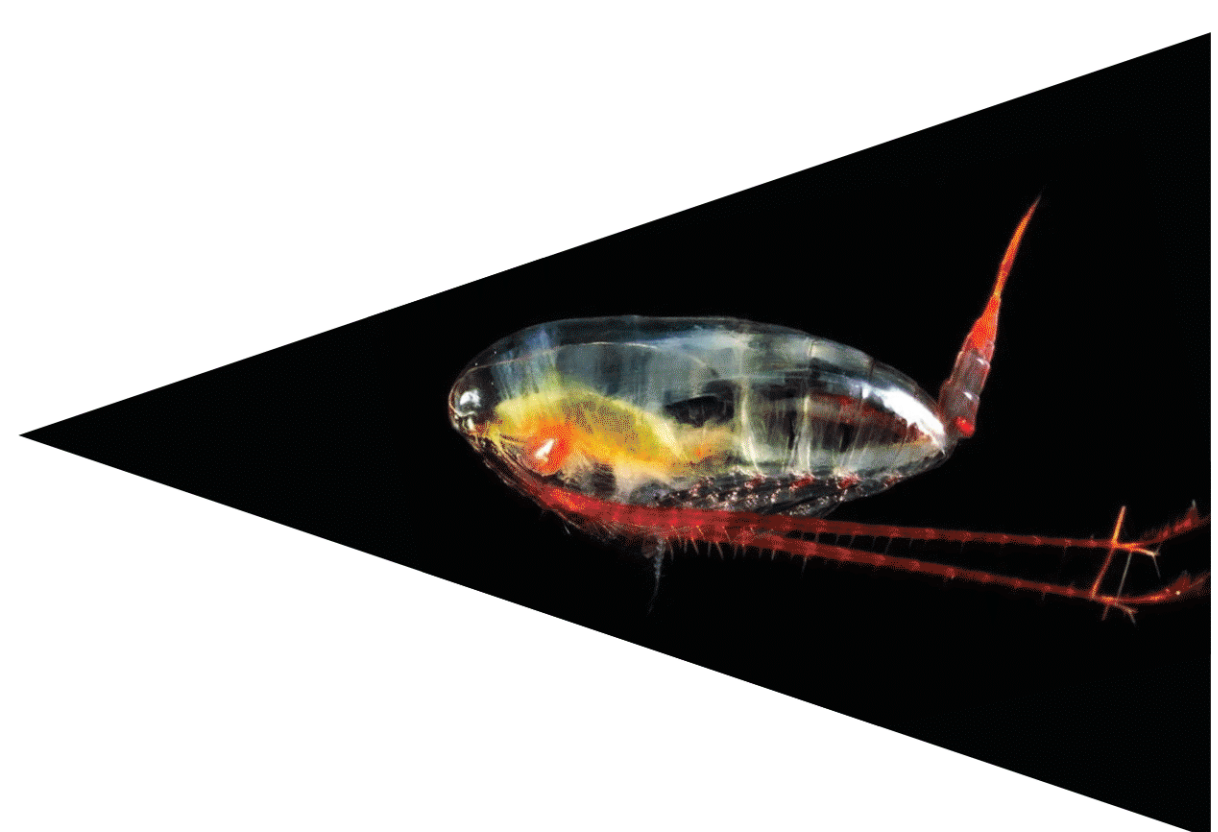
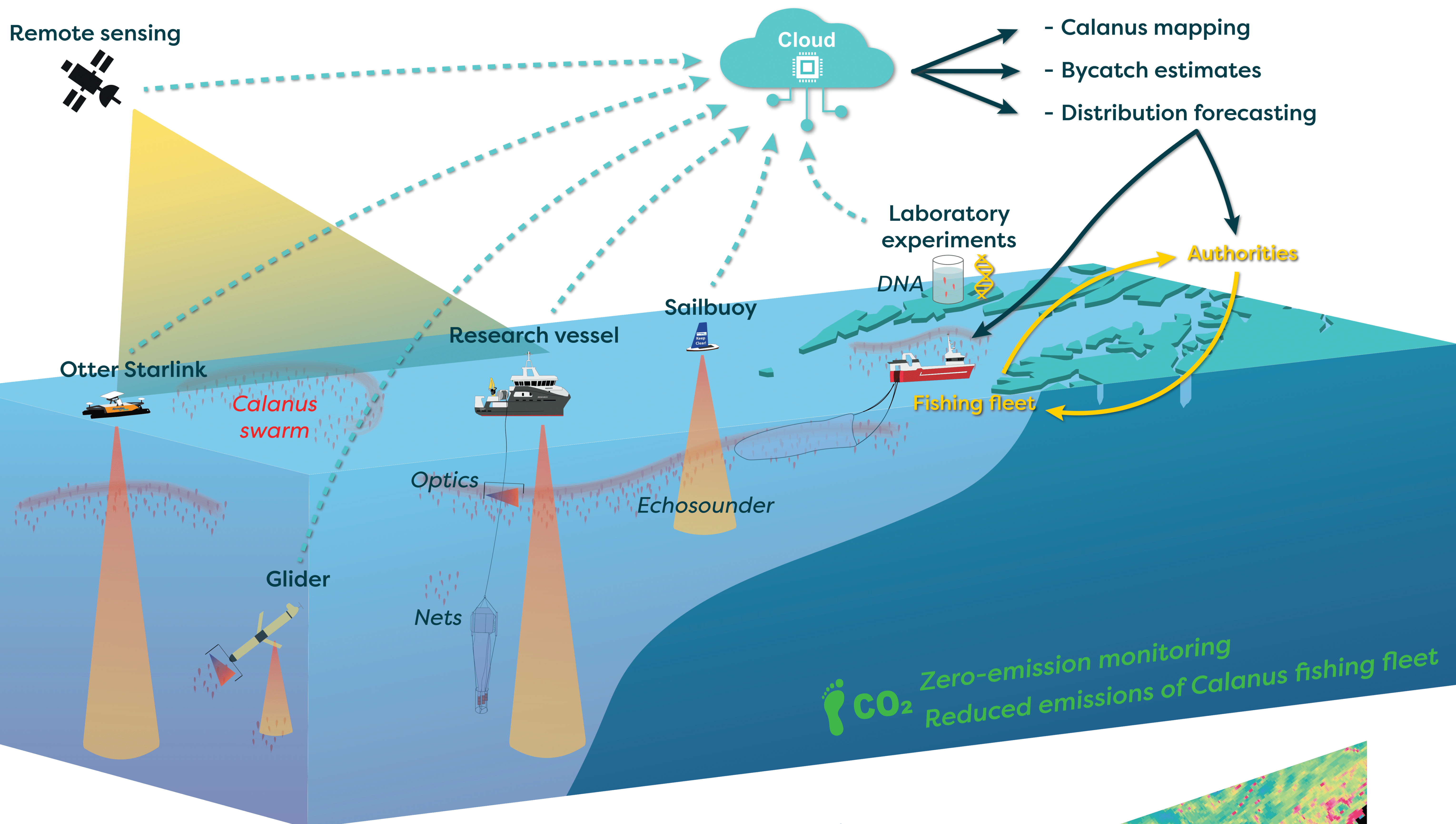


Clin BluFeed

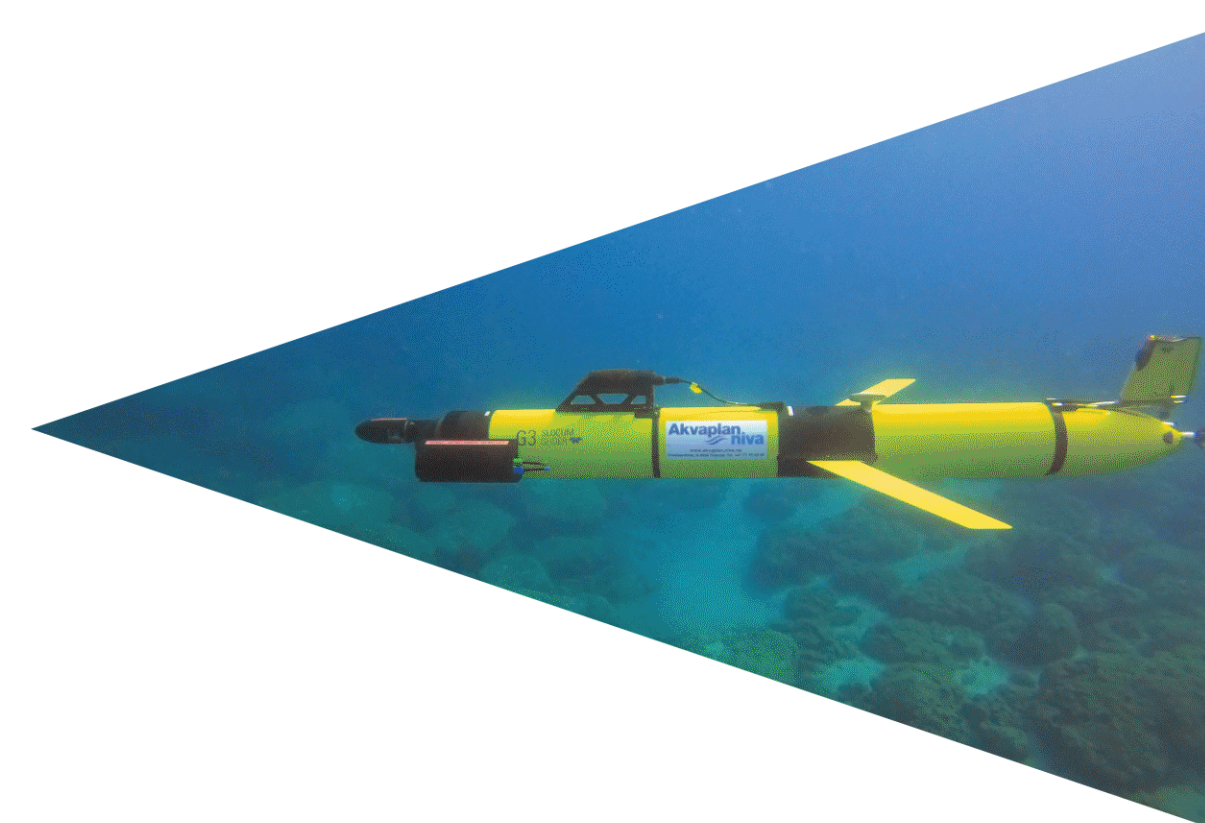
A low-CO₂ smart autonomous multiplatform system to monitor and forecast *Calanus finmarchicus* stock
– a new sustainable climate-neutral blue fish feed –

The goal of Clin BluFeed is to develop methodologies that advance the Norwegian Sea *Calanus finmarchicus* fishery as a **sustainable, climate-neutral blue resource** for the aquaculture industry. By harnessing the potential of cutting-edge, low-carbon-emission autonomous marine monitoring technologies

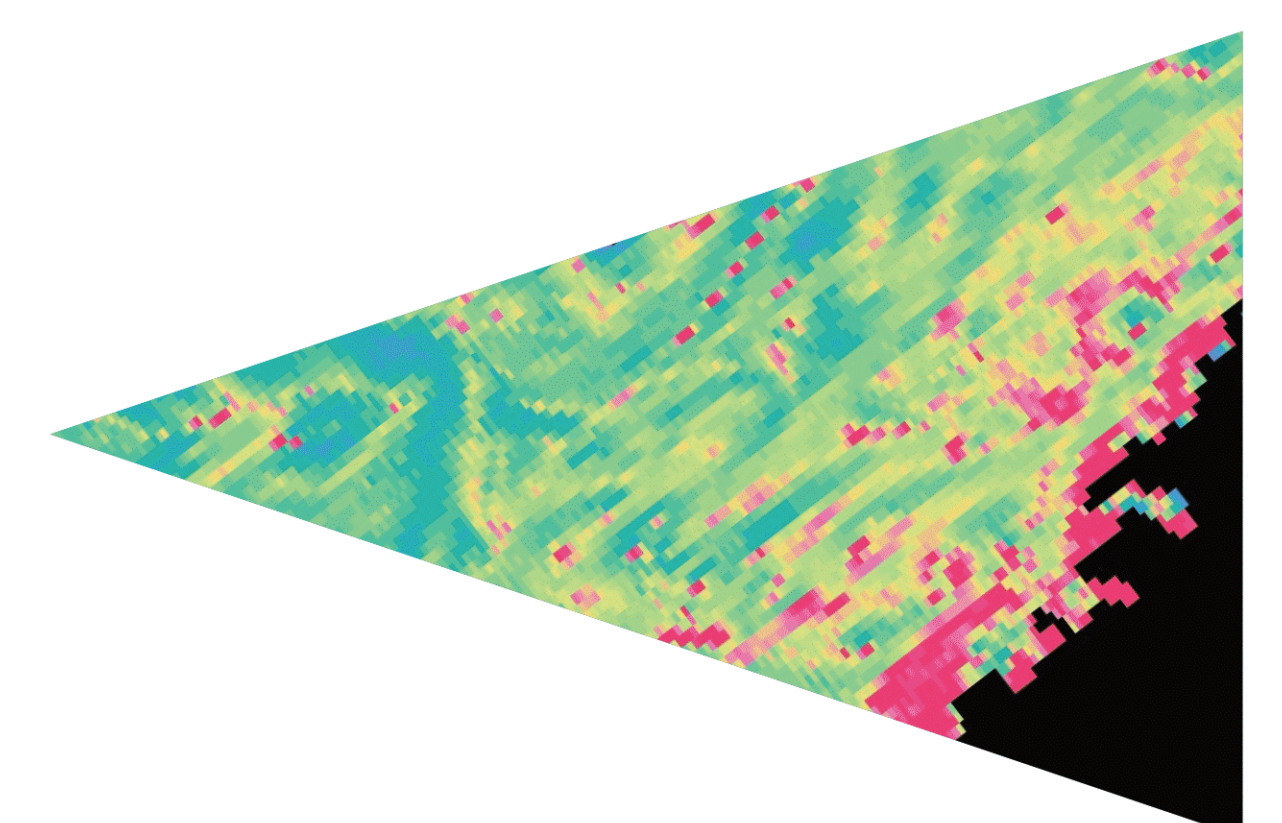
coupled with remote sensing, artificial intelligence, simulation modelling, and experimental investigations, we aim to (1) **map *Calanus* population**, (2) **estimate bycatch** and (3) **provide short-term forecast of *Calanus* distribution**. The outputs from this project will be delivered in real-time to stakeholders.



Calanus finmarchicus is a low-trophic level, widespread copepod with high-nutritional value with great potential as a fish feed



The monitoring technology is composed of a fleet of green autonomous platforms carrying advanced acoustic and optical sensors transmitting real-time data and remote sensing



Using a coupled bio-physical modelling approach we will forecast the distribution of *Calanus* and deliver it to managerial and industrial stakeholders