



This project has received funding from
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Research and Innovation Programme
under grant agreement No 869383

Science Project ECOTIP on Le Commandant Charcot

Dr. Ingrid Wiedmann



Greenland

Spitzbergen

Tromsø

Norway

Iceland

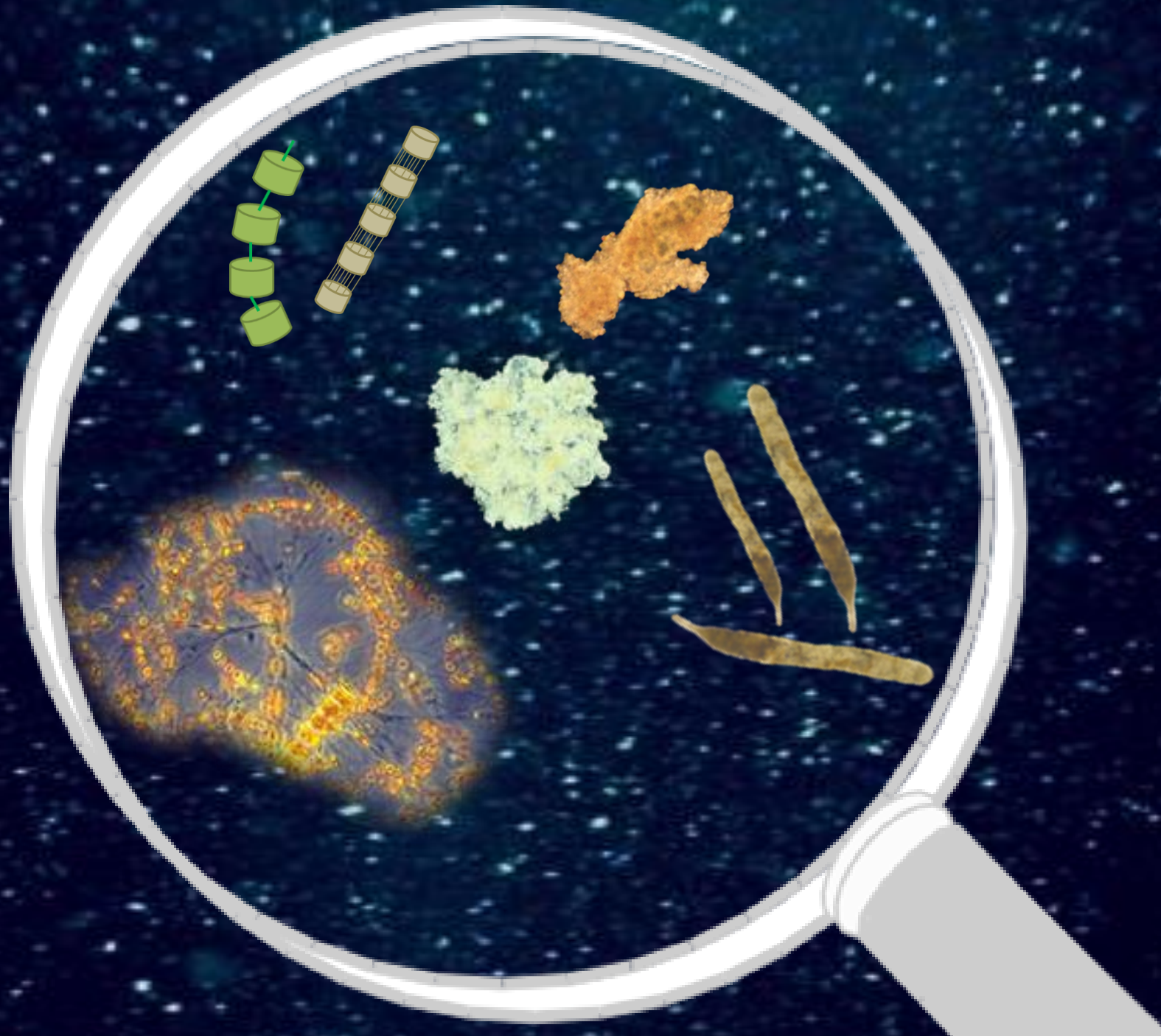
Reykjavik

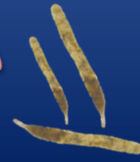
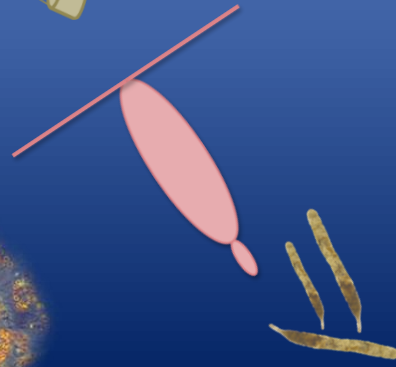
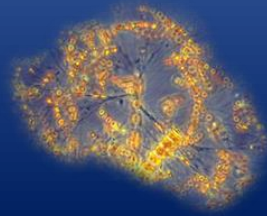
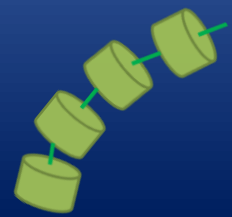
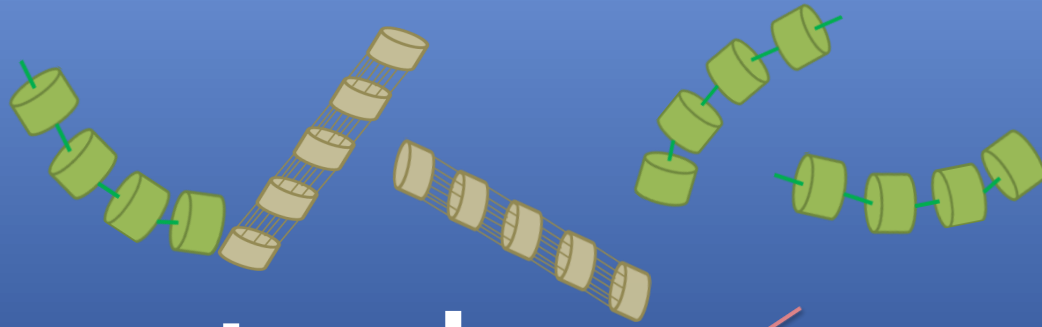
Tassilaq

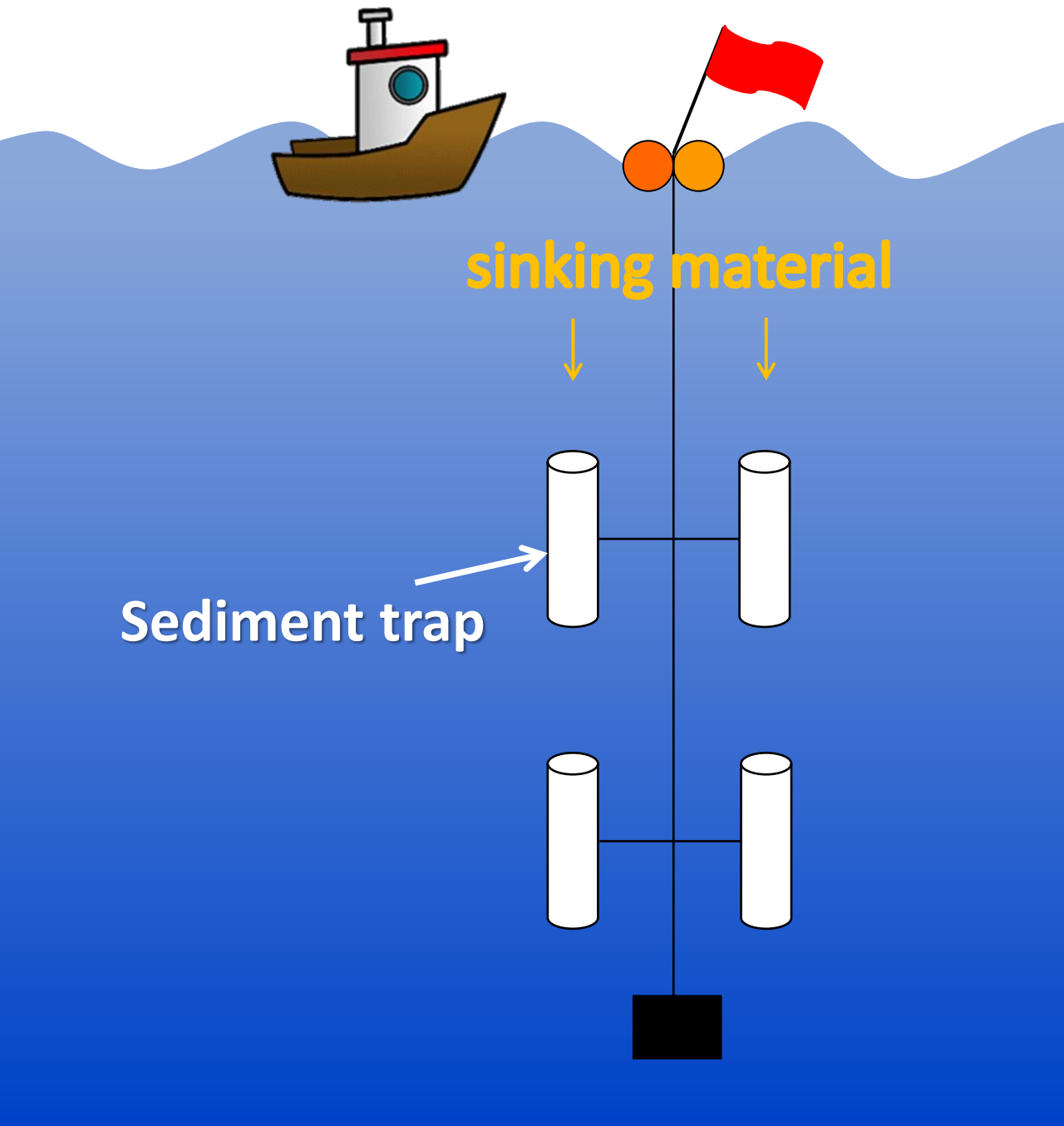


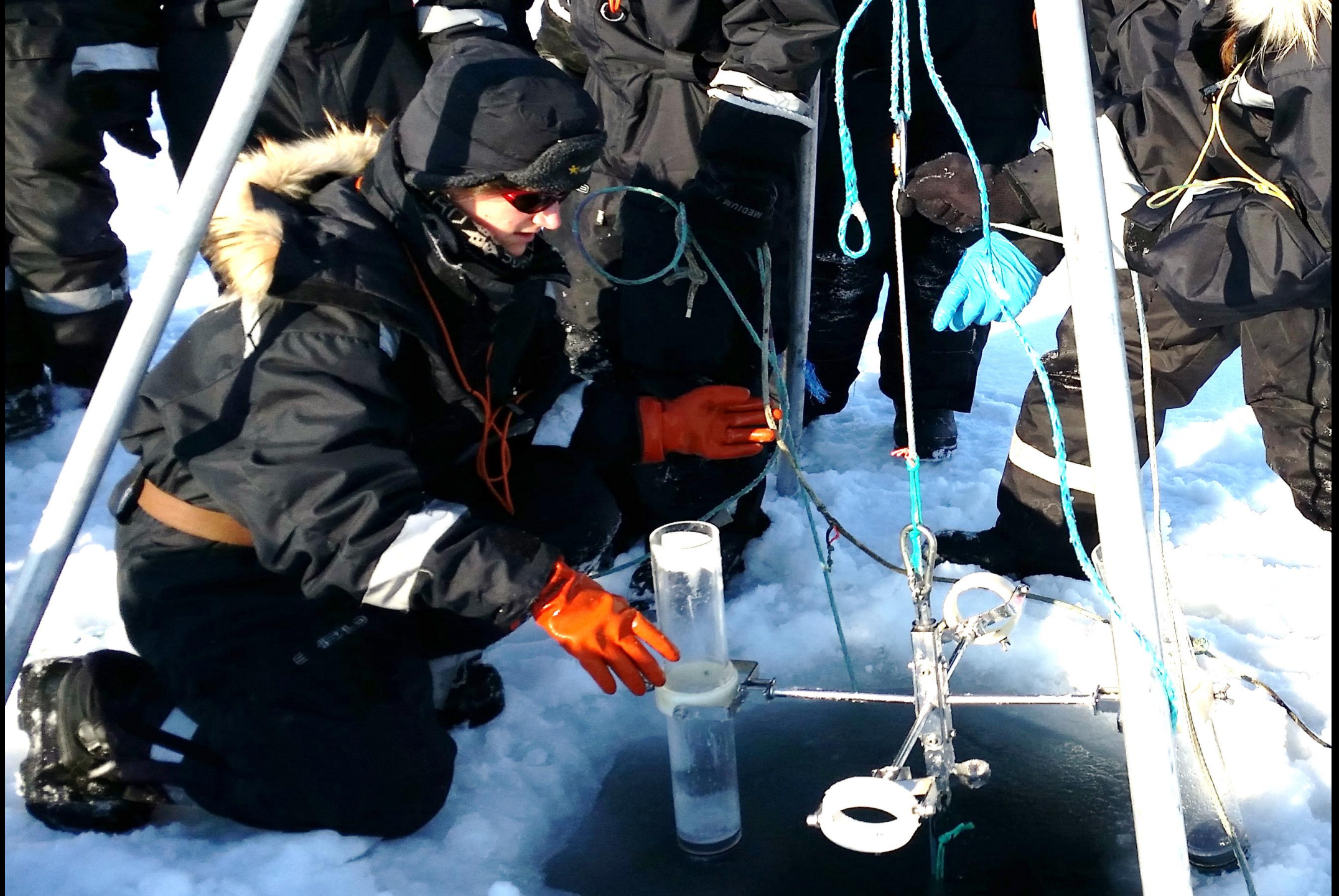


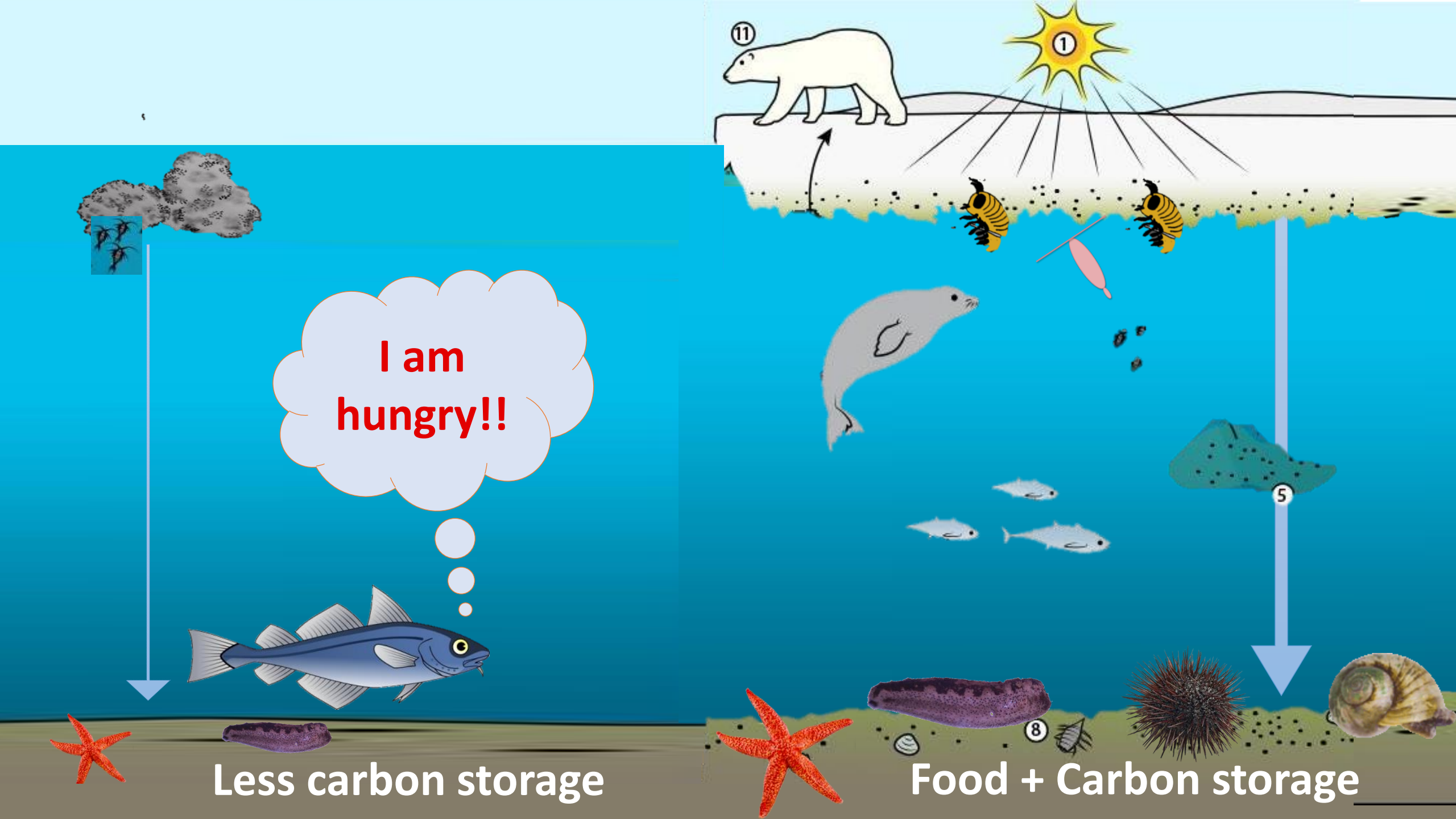
<http://oceanservice.noaa.gov/facts/marinesnow.html>











I am hungry!!

Less carbon storage

Food + Carbon storage

ECOTIP – Investigating Ecological Tipping Cascades in the Arctic seas

What do we do?

- Field work
- Lab experiments
- Modelling approach
- Social aspect
- Collect results from former projects
with new data (ECOTIP has 4 years of funding)



ECOTIP –

Investigating Ecological Tipping Cascades in the Arctic seas



How do we work here?

- Collect data from water column (temperature, salinity,...)
- Collect phytoplankton
- Collect “marine snow”
- Collect eDNA (use to identify for example fish without catching them)



➔ Interesting for us, because we have a research cruise to the same area in August



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Overarching goal: Better understand how Arctic marine systems changes due to climatic warming

Important to Greenlandic locals (e.g., management of fish stocks)

Important for us all (e.g., biodiversity, carbon sequestration)