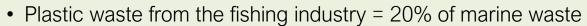
Making the Norwegian fishing industry more sustainable

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Why is this important?





- Chemicals of plastics = potentially severe health impacts
- SDG targets 12 and 14: "Responsible consumption and production" and "Life below water"





Project and master thesis

- Collaboration between NTNU and NORSUS and DSolve
- Vision: Mapping additives in plastic components of fishing gear to learn how they affect the marine environment
- Will only look at conventional plastics

Current findings

- Data on additives is hard to find
- Current impact categories does not include marine ecotoxicity

Summerjob at NORSUS



- NORSUS Norwegian Insitute of Sustainability Research
- Researching the bioavailability and marine toxicity of lead
- Results: Lead is highly toxic and should be monitored

DSOLVE - CRI

- CRI = Center of Research-based
 Innovation
- Vision: Reducing plastic waste and the issues that follow caused by the fishing industry
- Biodegradable, nonbiodegradable and sustainable
- Research area 5: Circularity of biobased, biodegradable and non-degradable plastic for fisheries and aquaculture





References:

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- Bioavailability of Lead report from summeric