

# **Group members**

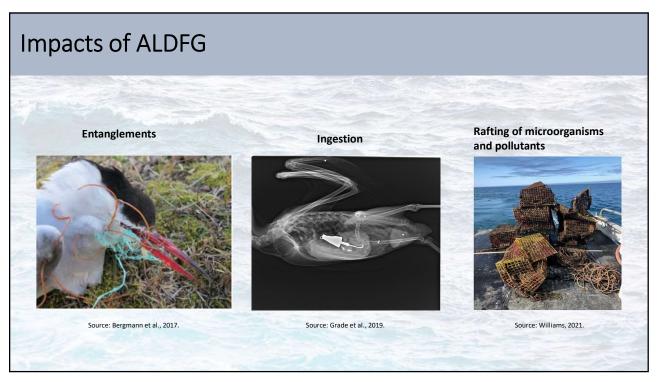
- Samuel Pillay, SST/GreenCape (group lead)
- Sipesihle Booi, Nelson Mandela University
- Di Wu, NTNU
- Sidra Tul Muntaha, NTNU
- Patricia Wenigwieser, Johannes Kepler Universität Linz/NTNU
- Gregor Amani, NTNU/TOMRA Collection

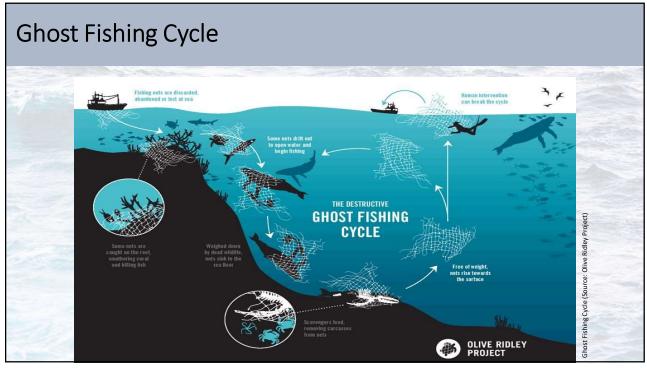
## The purpose of our work

- To investigate if fishing gear waste is being lost to the marine environment by sampling on South African and Norwegian beaches
- Connect young researchers from South Africa and Norway

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### Abandoned, Lost, or otherwise Discarded Fishing Gear Abandoned, lost, or otherwise discarded fishing Fishing gear can end up in gear refers to fishing gear the marine environment Gear being lost at sea, such as nets, lines, ropes, due to harsh weather traps, etcetera that end up conditions leading to: in the marine environment Entanglement with other Negligent fishing practices Snagging with the seafloor marine life resulting in gear leading to gear being forcing fishers to discard being discarded or lost and dumped or discarded also gear entanglement their gear, intentionally, with other vessels





# Time frame: november & december 2021 On a weekly basis Document sampling site and fishing gear and remove fishing gear waste Document type, size, mass, abundancy, appearance and entanglement in a ghost gear data sheet provided by SST Document type is a mass, abundancy, appearance and entanglement in a ghost gear data sheet provided by SST Document type, size, mass, abundancy, appearance and entanglement in a ghost gear data sheet provided by SST Document type, size, mass, abundancy, appearance and entanglement in a ghost gear data sheet provided by SST Document type, size, mass, abundancy, appearance and entanglement in a ghost gear data sheet provided by SST

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### Collection sites in South Africa

- Port Elizabeth, South Africa
- Three sections of Schoenmakerskop beaches (Cannon, Sacramento, Peri winkle lane)
- Rocky shore
- 100 200 m stretch



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# Collection sites in Norway

- Oslo, Norway
- Three sections at Bygdøy
- Rocky shore
- 50 300 m stretches



## Collection sites in Norway

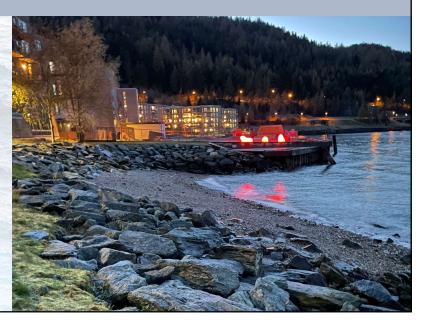
- Ålesund, Norway
- One beach at Hatlane
- Rocky shore
- 2,000 m stretch

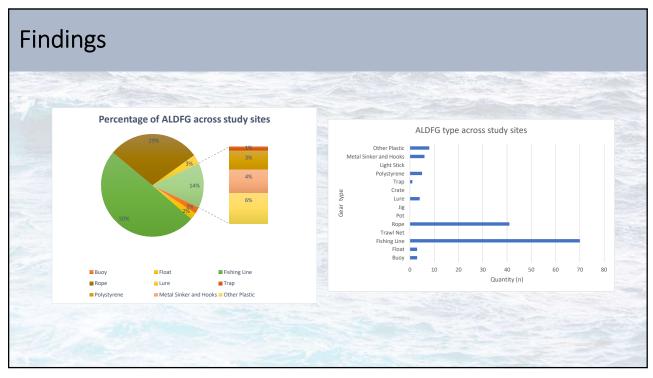


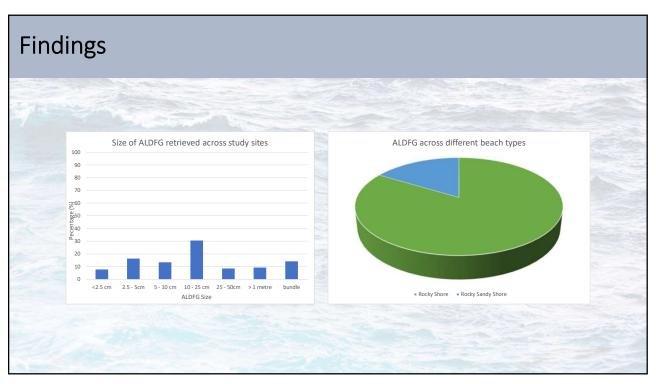
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# Collection sites in Norway

- Trondheim, Norway
- Three sections at Ila
- Rocky shore
- 200 m stretches







### Limitations

- Weather conditions in Norway were unpredictable during the sampling period which affected sampling frequency
- Lack of resources (i.e. funding) to monitor sites consistently to produce a comprehensive database
- · Workshops were postponed due to lack of funding

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### Conclusion

- Based on the study it is evident that fishing gear waste is lost to the environment both in South Africa and Norway
- With access to funding and increased capacity the project has the ability to determine the true extent of ALDFG in Norway and South Africa
- The project team would also like to increase awareness across stakeholder groups by facilitating ALDFG education and training workshops on environmental conservation and plastic pollution

