



A SEA CHANGE

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Circular economy in the Aquaculture industry

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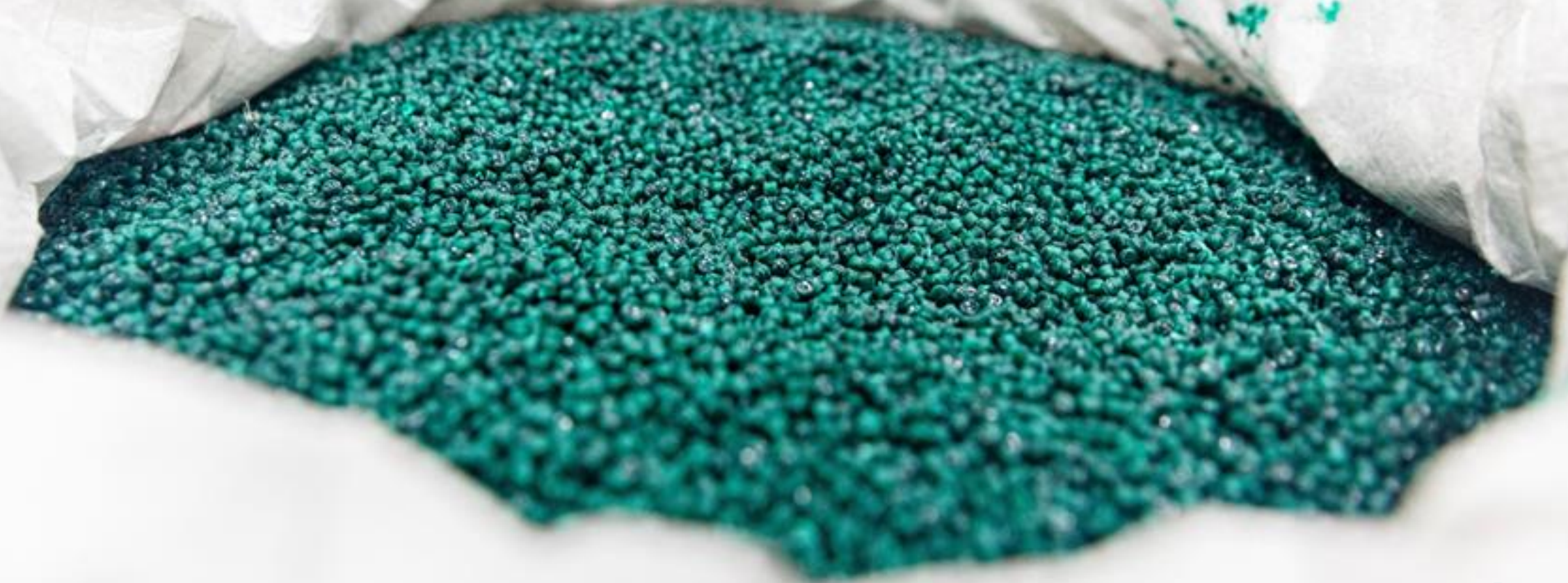


- A part of Moen-Group
- 45 employees
- Used to be a waste management company
- 10 000 mt plastic waste pr. year



Recycled plastics from Norwegian Marine industry

Mainly fish farming, fisheries, and offshore



Products and Production lines



HDPE pipes
Aquaculture



PP ropes
Aquaculture



Other aquaculture



Offshore



Marine and land-based



Other landbased



Feed pipes with the quality challenge



Fish cages: A high-quality resource



PE pipes from Svalbard



Ropes and nets: A major waste product from aquaculture and offshore industry



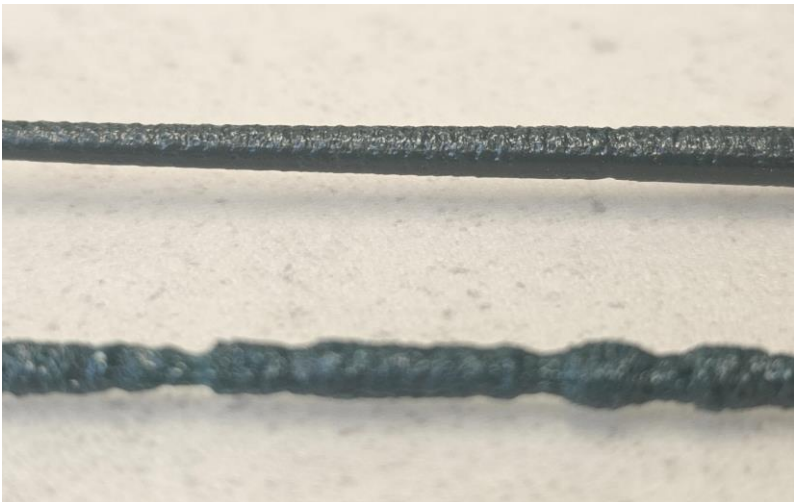
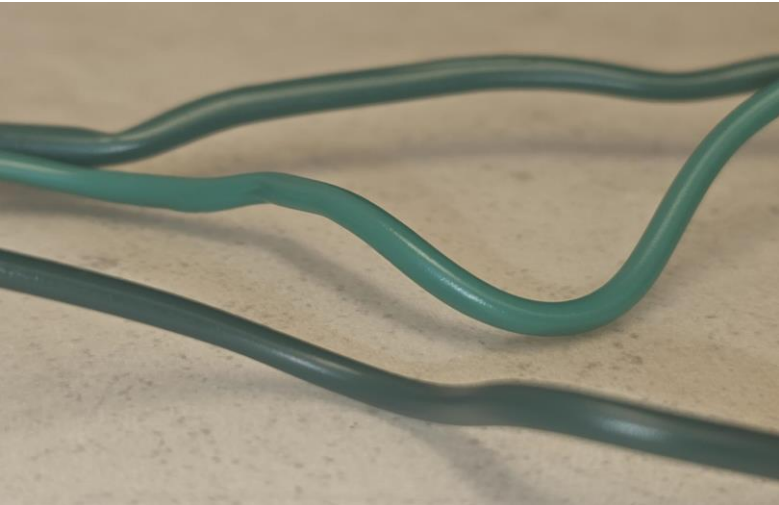
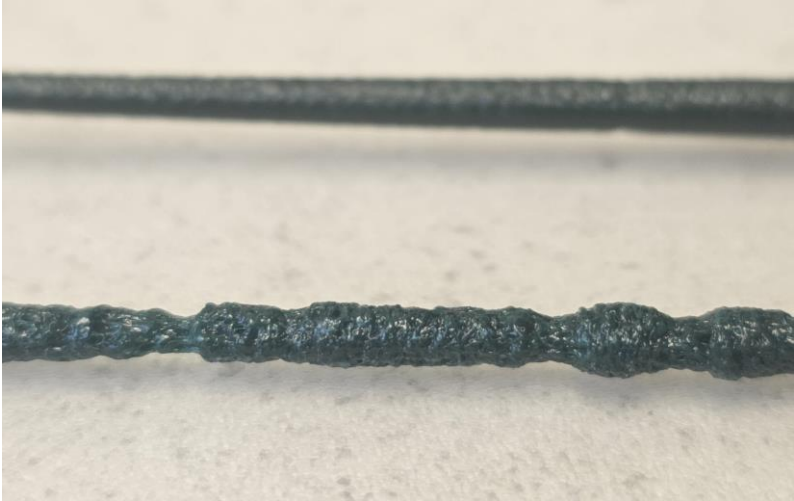
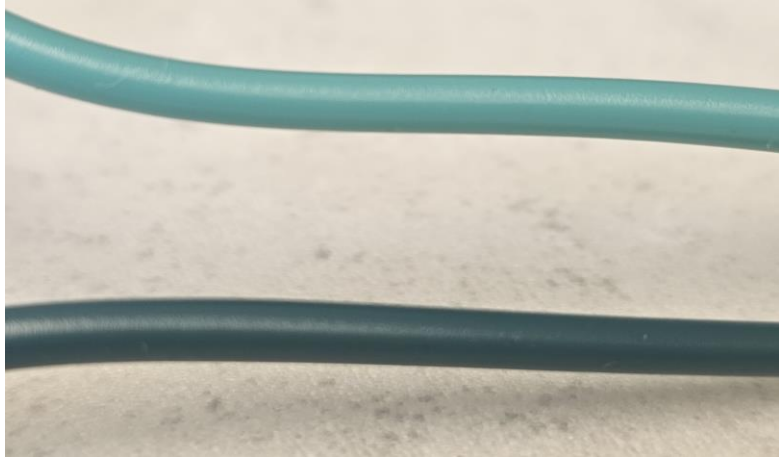
The newest production line



An increase in the production capacity



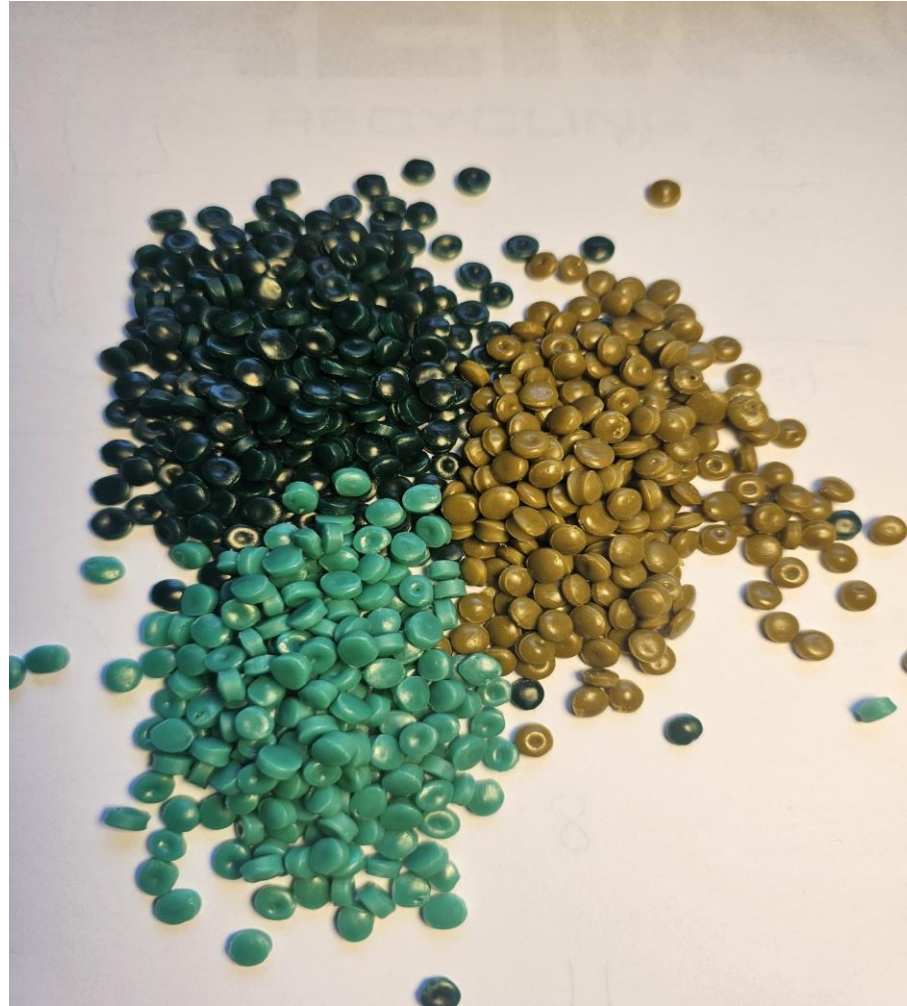
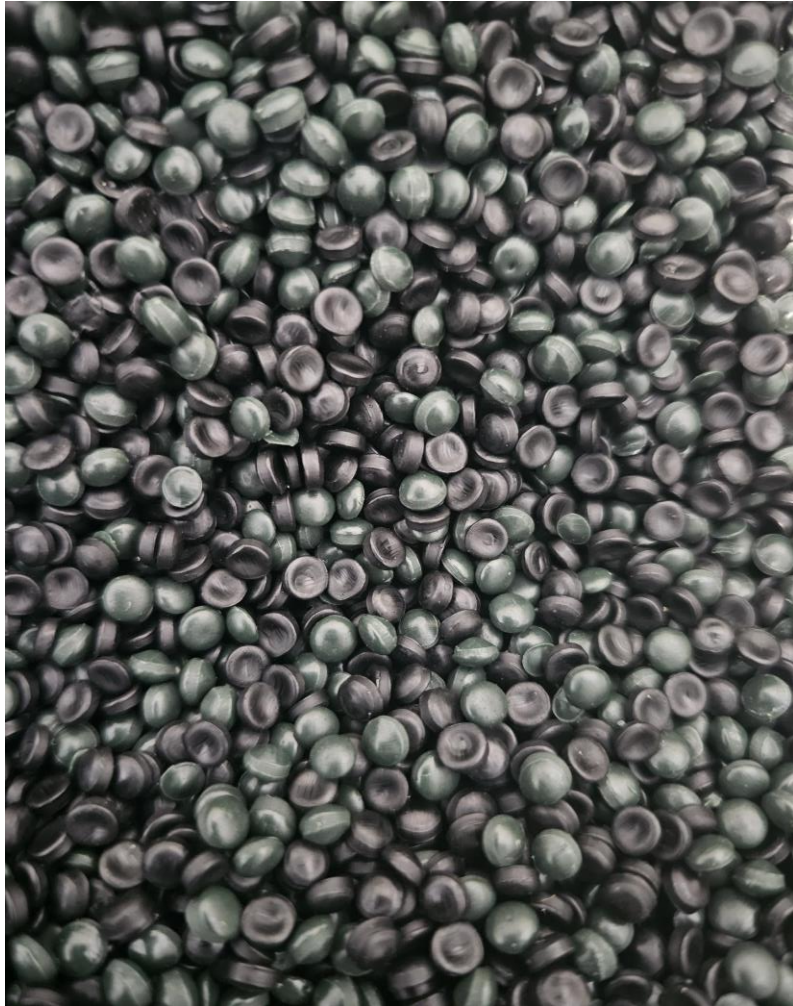
An improvement in the quality

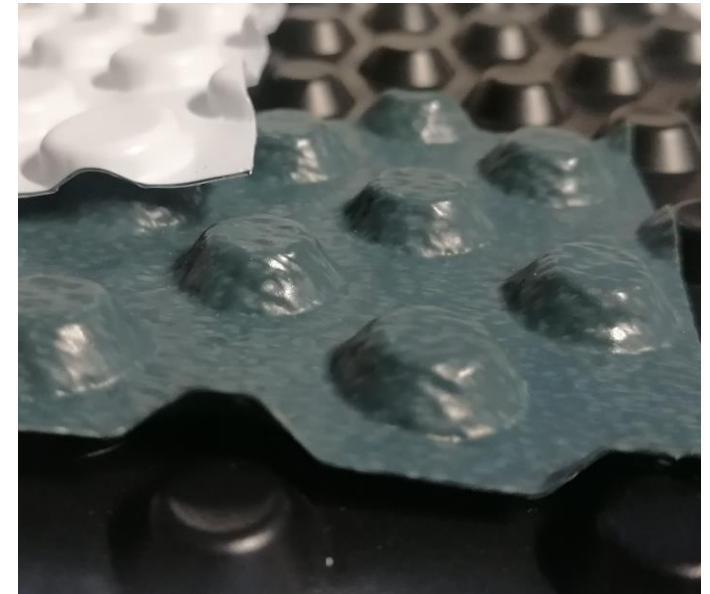
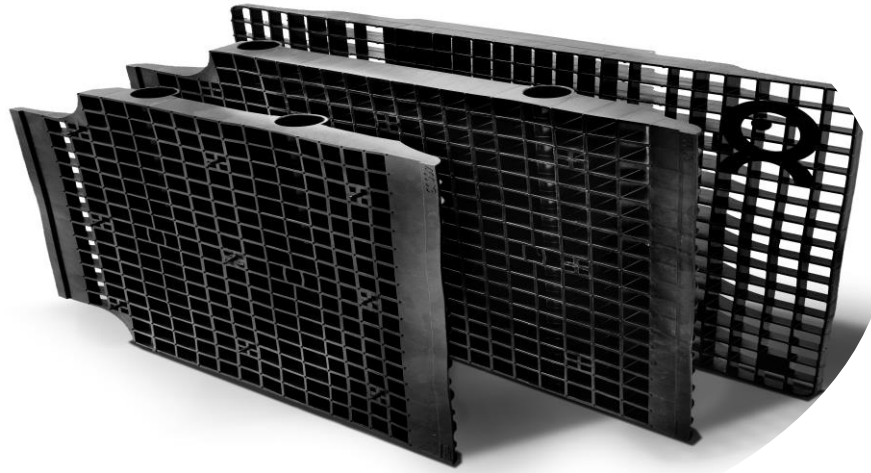
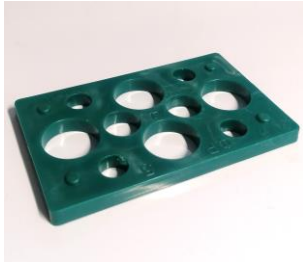
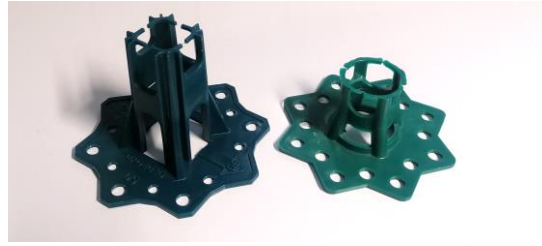


New challenges



New opportunities:





Quality control



- Documentation for product certification
- Quality adjustments: Additives and quality improvement

How do we keep plastic in circular value chains?



- Mobile shredders From Finnmark to Telemark.
- Fraction separation.
- Material recycling.
- Cooperation with different waste facilities.



FORHANDLER



INNSAMLER



PRODUSENT



RESIRKULERER



oceanize

FORBRUKER



World news: first recycled floating collar



Handelens
Miljøfond

AKVAGROUP

PLASTO

The world's first wheelbarrow made from 98% recycled marine plastics



Today, the baskets in the large duty-free shops are being replaced with baskets made from recycled marine plastic. The Norwegian-developed and Norwegian-produced baskets are the world's first trolley baskets made from 98% recycled marine plastic, which is also collected along the Norwegian coast from Norwegian fjords, seafood farms and boats. Co2 emissions from baskets can be reduced by 93%

<https://kommunikasjon.ntb.no/pressemelding/18060319/verdens-forste-trillekurv-laget-av-98percent-resirkulert-havplast?publisherId=4853984>



SIRKAQ

-Developing solutions for reuse, repair and extended lifetime for plastics from fish farming gear.

-Using recycled materials in new products

SCALE AQ



Thanks for your attention!

Maliheh Salimi, May 2024

