

catchgreen

Powered by Biodolomer®

Biodegradable fishing nets

On a mission to end ghost fishing and plastic pollution in our oceans, one biodegradable fishing net at a time.



An impact-driven solution to marine sector waste

Replacing harmful nylon and polyethylene in fishing nets with a biodegradable biopolymer.

BIODOLOMER®OCEAN

A mix of PBS (polybutylene succinate) and PBAT (polybutylene adipate terephthalate).

Offers the right balance between strength and flexibility.

Designed for mono-extrusion and the spinning of thread.

Used to manufacture various types of roped and nets.

Co-benefits



REDUCES THE INCIDENTS AND DURATION OF GHOST-FISHING – ALDFG WILL DISINTEGRATE INTO BIOMASS WITHIN 2-5 YEARS

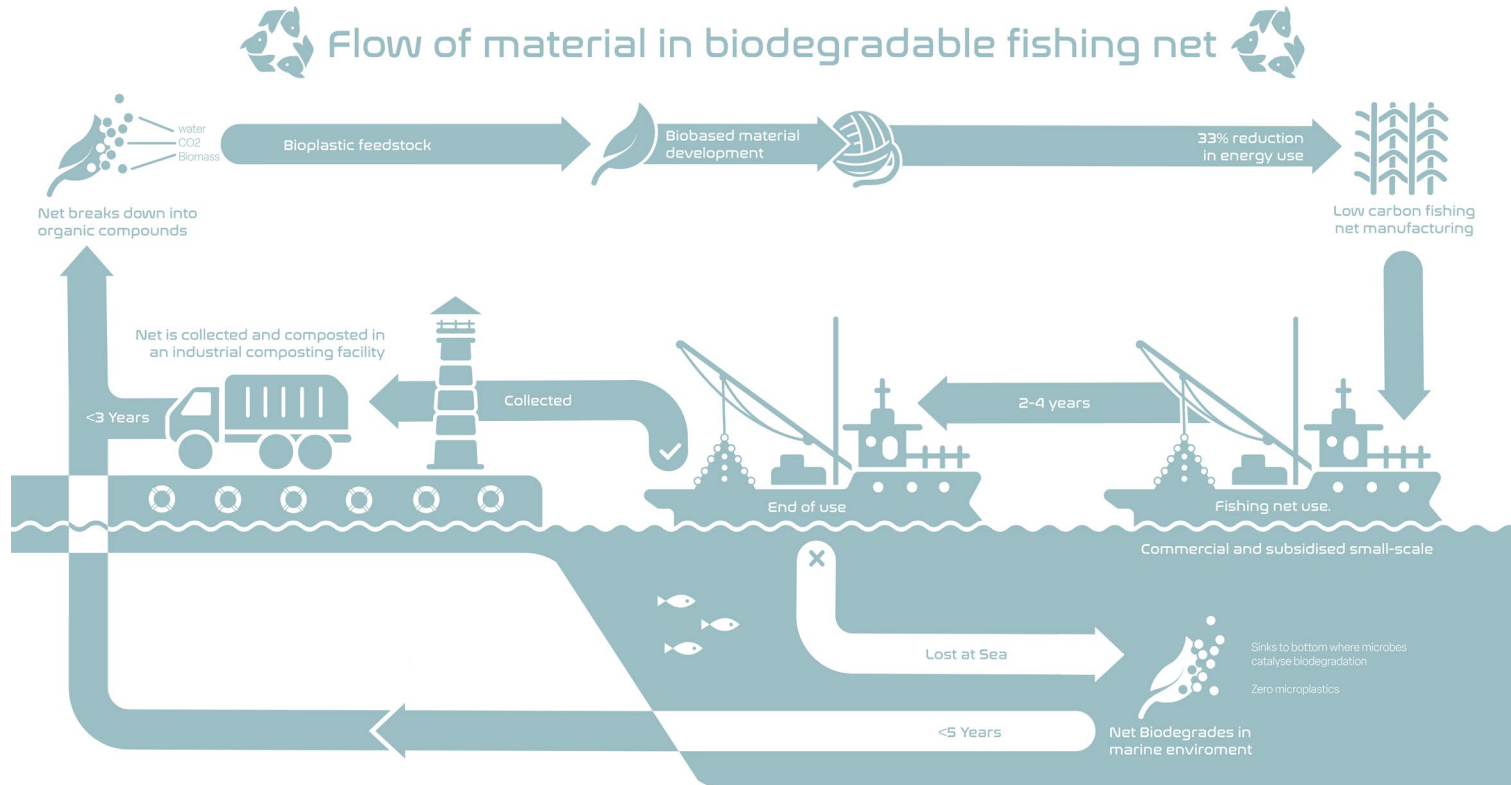


REDUCES THE AMOUNT OF MICROPLASTICS IN THE OCEAN – THE NETS WILL BIODEGRADE WITHOUT MICROPLASTICS THROUGH WEATHERING OR DEGRADATION.



REDUCES THE ACCUMULATION OF PLASTICS IN LANDFILLS – OLD NETS CAN BE DISPOSED OF AT INDUSTRIAL COMPOSTING FACILITIES AND TURNED INTO BENEFICIAL AGRICULTURAL BIOMASS.

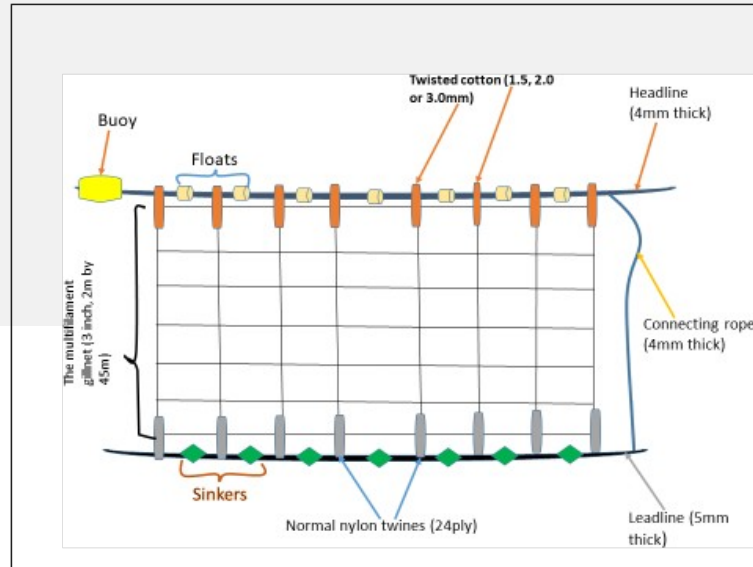
Sustainability



Tested for biodegradability in the ocean (SINTEF)

Tested for compostability on land (TUV OM Compost INDUSTRIAL)

Piloting



Piloting Kenyan and South African waters to confirm fishing efficiency.

PILOTS 2023

Trawl nets – South Africa

Modified gillnets. – Kenya

Coral restoration – Kenya and French Polynesia

Seaweed harvesting – Kenya

Kelp farming – Namibia



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Partners



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