

End of Life Fishing Gear Recycling Project

Discard Action Group Meeting

6 NOVEMBER 2019



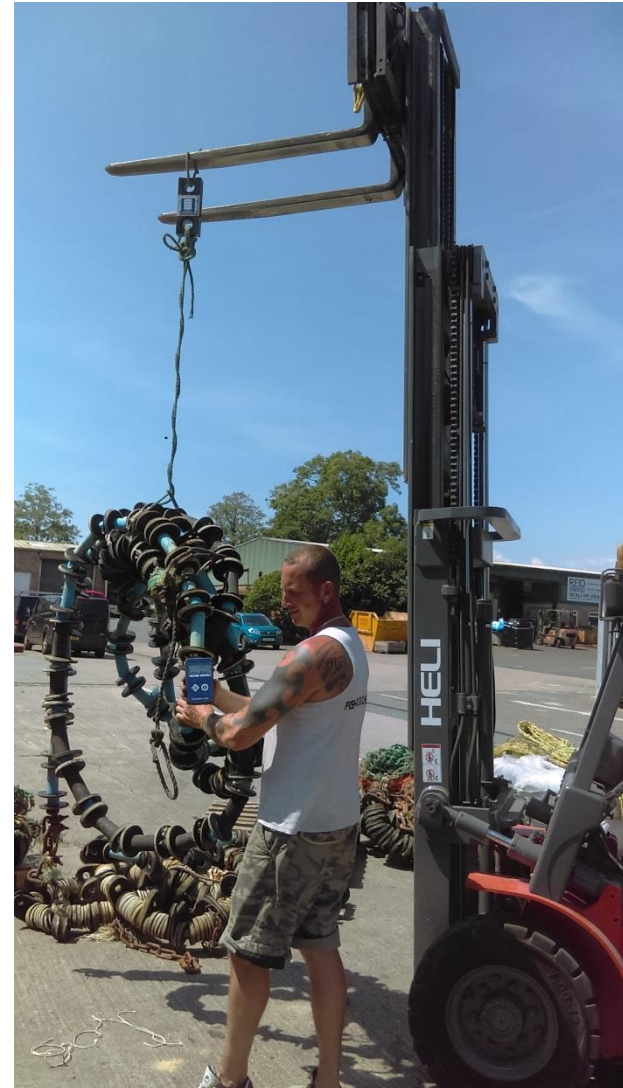
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Saturday, July 27, 2019 WESTERN MORNING NEWS

Recycling project lands huge haul of fishing nets

By KEITH ROSSITER
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AN innovative recycling business hopes to turn 120 tonnes of old fishing nets into useful products over the next year.

Newquay-based Odyssey Innovation yesterday launched a partnership with the organisation Seafish and supermarket chain Morrisons to collect nets from harbours across the South West.

Company founder Robert Thompson said they collected 60 tonnes in the past year, and hoped now to be able to double that.

Odyssey will collect the nets free of charge from harbours around the region.

Disposing of old or damaged nets is a headache for fishermen because they can face landfill charges, and waste incinerators won't accept the nets, Mr Thompson said.

Odyssey ships the nets to a Danish recycling company, Plastix, and then gets back some of the product to make kayaks.

The recycled plastic is used elsewhere to make anything from sunglasses to roof tiles.

All of the Odyssey kayaks are black, thanks to a carbon additive which not only disguises the varied origin of the material, but also makes it more UV-stable - a valuable asset for an outdoor product.

The polyethylene trawl and nylon gill nets are worth recycling because they are made from high-quality plastic to withstand the harsh marine environment.

"Up to now the scheme has been quite small scale, but after Morrisons and Seafish came on board we are able to offer it to all harbours in the South West," Mr Thompson said.

The two organisations are financing the expansion of the scheme, and Seafish is helping promote the



Robert Thompson, left, with Gus Caslake from Seafish, Karrieanne Worthington from Morrisons, and MP Steve Double, at Mevagissey harbour
Lewis Harrison-Pinder

The fishing industry is the problem – and the solution

ROBERT THOMPSON

Net Regeneration scheme through engagement in the fishing community.

"The fishing industry is the problem - and the solution," Mr Thompson said. "They have a vested interest

in protecting their fish stocks and the natural environment. This gives them the resources to do that.

"Landfill charges used to be an obstacle to being able to recycle nets sustainably."

The recycling scheme also recycles nets from the Ocean Recovery Project, net makers, numerous beach clean groups, Keep Britain Tidy, the National Trust and nets found during dive retrievals by Fathoms Free, an environmental group Mr Thompson founded.

Many small harbours do not have

the space to store large quantities of nets or have poor access for large vehicles, so Odyssey has set up centralised drop off points across the region.

The expanded scheme was launched on the harbourside in Mevagissey, Cornwall, with the help of Steve Double, MP for St Austell and Newquay. Mr Double chairs the Protect Our Waves All Party Parliamentary Group (APPG) in Westminster.

Seafish is a public body set up to support the £10 billion UK seafood industry.



Odyssey Innovation Ltd

· August 12 ·

Thank you Western Morning News for the great write up on the Net Regeneration scheme!

#westernmorningnews Morrisons #seafish Ocean Recovery Project Plastix A/S Thankyou for the photo Clare James Photography

33

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Maria Knowles Kellett OMG 🤔 60 tonnes in a year 🎉 Hats off Rob & your team 🙌

Like · Reply · 11w



Alison Rickman Brilliant idea for Recycling nets!

Like · Reply · 5w



Write a comment...



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Harbours	Total no of bags collected	Material collected
Brixham	6 ton	Rigid Plastic
Sutton	6 ton	Rigid Plastic
Padstow	12 ton	Net Collection
Mevagissey	14 bags	Net Collection
Penryn	3 bags	Net collection
Mevagissey	13 bags	Net collection
Padstow	12 bags	Net Collection
Brixham	21 bags	Net collection
Mevagissey	13 bags	Net collection
Newlyn	12 tonnes	Net collection
Bridport	13 bags	Net collection



Beach cleans	Total no of bags collected	Material collected
Falmouth	3 bags	Net
Newquay	1 bag	Net
Perranporth	5 bags	Net
Polyjoke	1 bag	Net
Trevone	3 bag	Net



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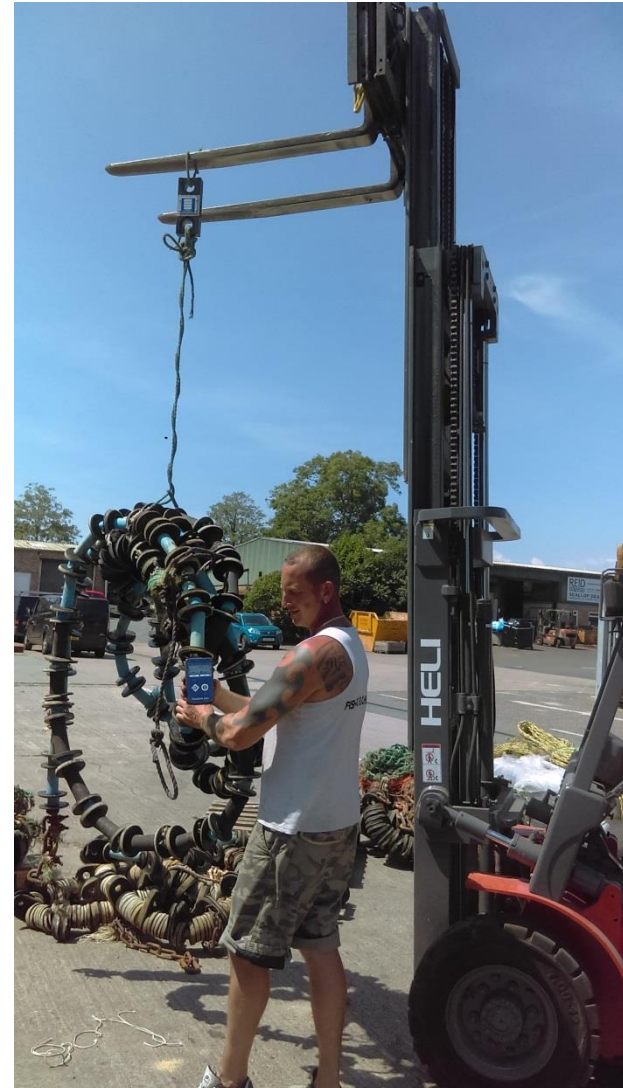
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Weight of a trawl is made up of:

- Trawl Netting 25%
- Ground Gear 50%
- Fishing line, Flip-ups & headline 25%



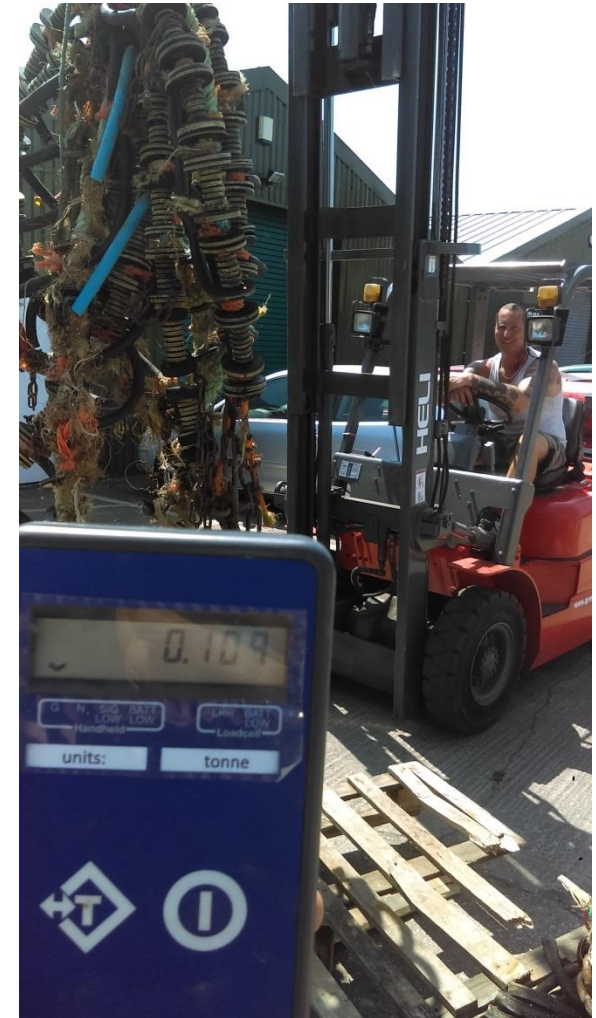
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12m Beam trawl - no chain mat	Weight Kg's	Labour cost/collection	Recyling/disposal cost (£120/t)	Income (£100/t)	
<u>Foot rope 18 metres</u>	459.00	£66.00	36.72	£15.30	
<u>Fishing Line 4"Disc Plastic pipe</u>	61.20	£66.00	£0.00	£0.00	
<u>Flip ups</u>	144.30	£45.00	5.27	£8.04	
Beam trawl netting	257.00	£40.00	£0.00	£0.00	
Headline	16.65		£0.20	£0.00	
	938.15	£217.00	£42.19	£23.34	

Current cost of sending complete trawls to landfill is £110 per tonne

Current cost of recycling complete trawls ~ £250 per tonne



Questions?

seafish