



Bord Iascaigh Mhara
Irish Sea Fisheries Board

Fishing for Litter and Derelict Gear

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BIM

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Overview

- BIM's experience with derelict gear
- National Ground Fish Surveys
- BIM going Fishing for Litter
- Exploring motivational drivers the Irish Industry
- Connecting to the wider community
 - BIM
 - Industry

Catalysts

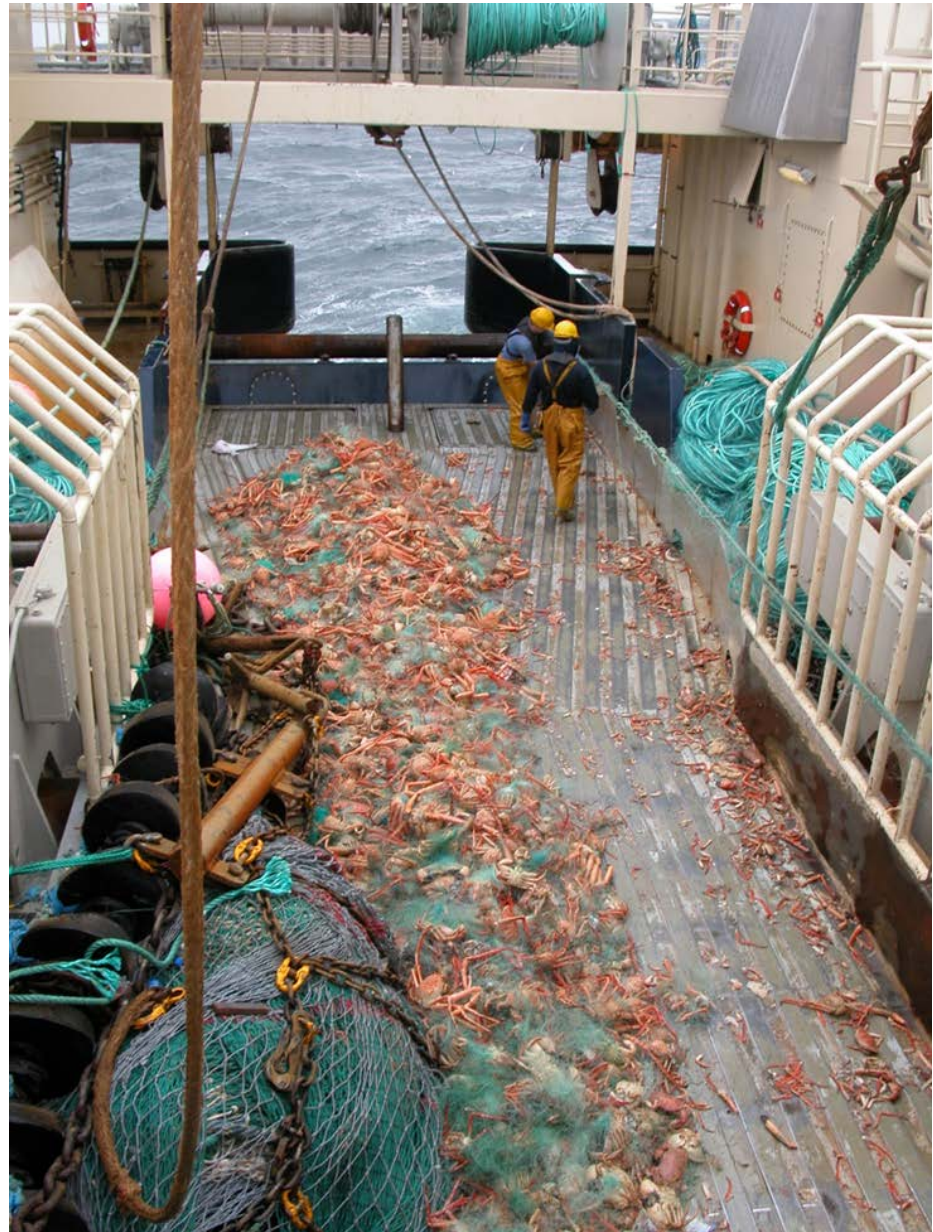
Irish vessels finding ghost netting on the West was increasing

- DEEP NET (EU project) 2006
- W.I.R.E.D (BIM) 2007

Over the last 10 yrs the following gear material was recycled
~75/pa of PA6 (nlyon)

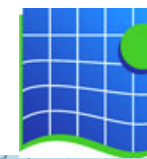
~8 T/pa polyethylene (mounting twine and trawl nets)

Close to 1 million kilos of gill net taken out of the Marine Environment and diverted from landfill



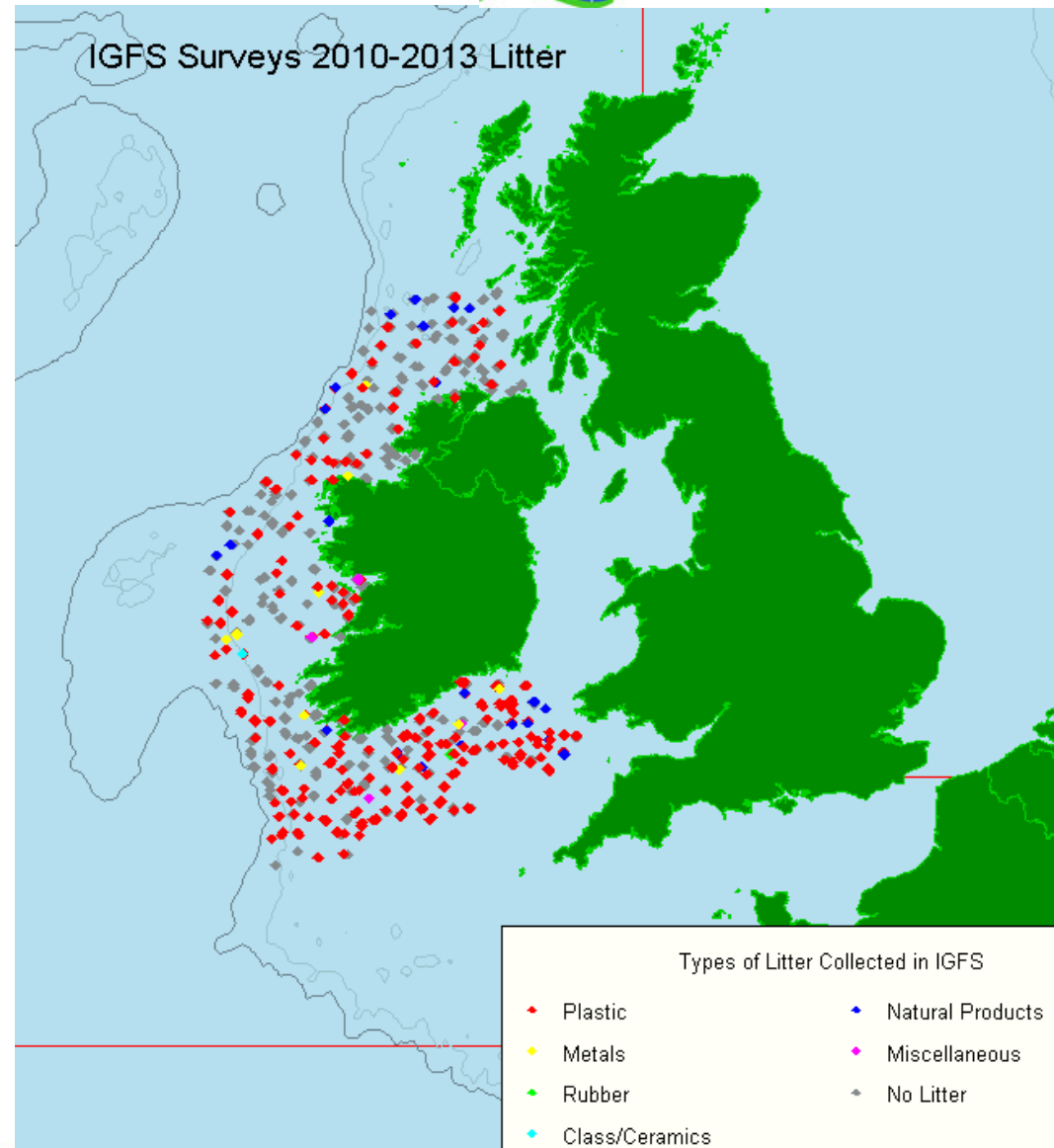
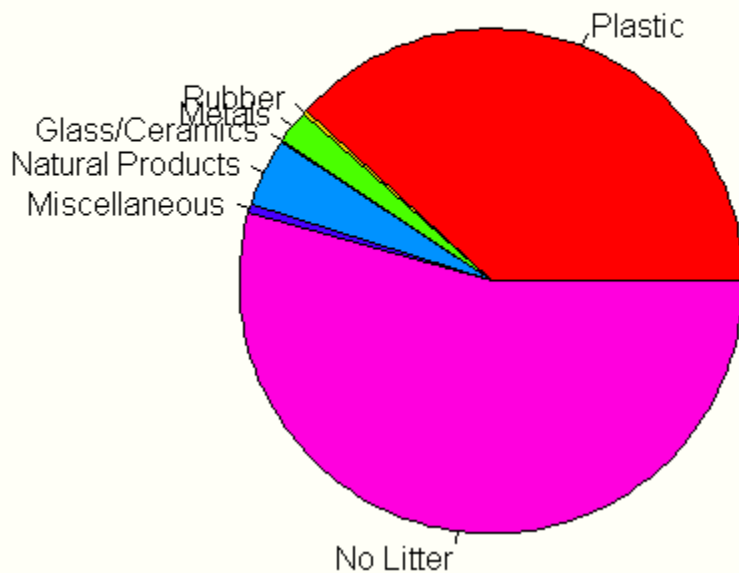


WIRED
(mainly
nylon)



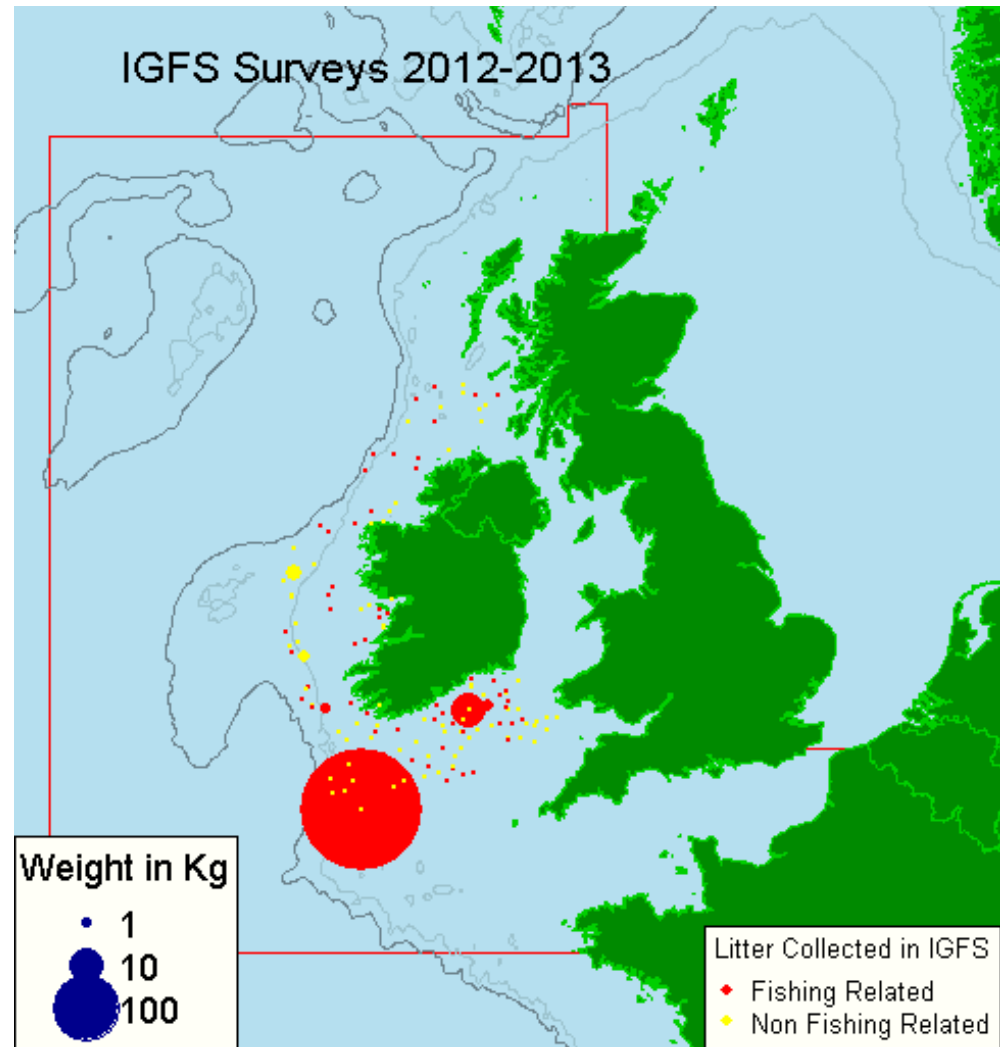
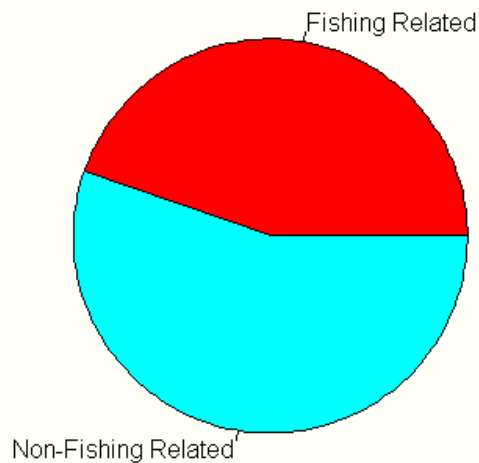
IGFS 2010-2013

Porportion of Litter Types Collected on IGFS



IGFS 2010-2013

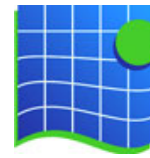
Litter that can be directly attributed to Fishing Activ



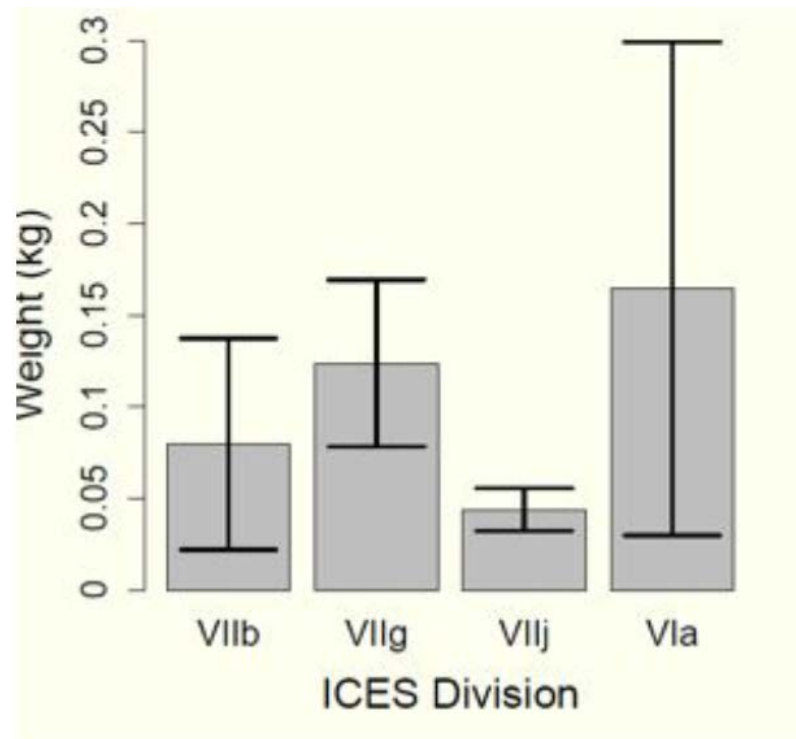
How much when Fishing for litter?



20-30 1 hr tows
10% of a 1 tonne bag ~
20kg



Results: IGFS 2010-2013





Bord Iascaigh Mhara
Irish Sea Fisheries Board

Fishing For Litter
Ireland



Fishing For Litter

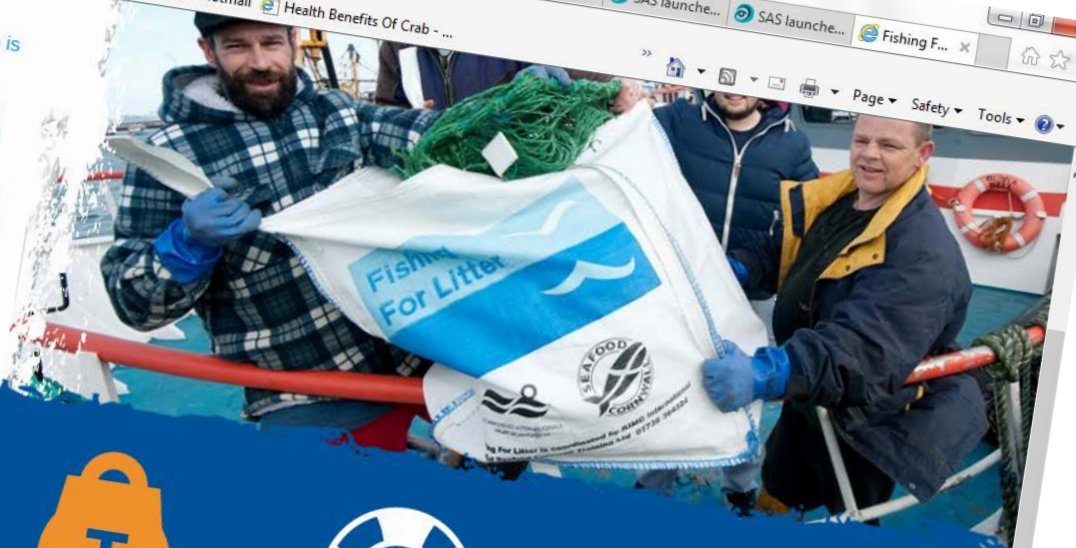


What's the benefits to FFL?

- Collectively the numbers stack up so industry can and do make a difference-
- eg FFL Scotland and SW UK

Litter

This award winning initiative is a simple idea designed to reduce the amount of marine litter in our seas. Participating vessels are given hard wearing bags to collect marine litter that is caught in their nets as part of normal fishing activities.



more



Facts and figures:



1060

Total number of tonnes of marine litter collected by Scottish and South West England member vessels



24

Harbours participating in Scotland and SW England



372

Number of vessels signed up to the scheme in Scotland and SW England

Project Areas

What's the benefits to FFL?

- Collectively the numbers stack up so industry can and do make a difference- eg FFL Scotland
- Focuses the mind objectively..
 - yes this is litter !

Types of Fishing For Litter ?



plastic
rubber
textiles

What's the benefits to FFL?

- Collectively the numbers stack up so industry can and do make a difference- eg FFL Scotland
- Focuses the mind objectively..
 - yes this is litter !
- Acts as evidence to improve work practices

The project's main aims are:



1 To remove litter from the marine environment

For 2016 BIM aims to establish an Irish network of 7 ports with 50 vessels voluntarily recovering Marine Litter from the sea while going about their normal fishing activities.

2 To change the working practices within the fishing industry to reduce Industry sourced litter reaching the marine environment in the first place

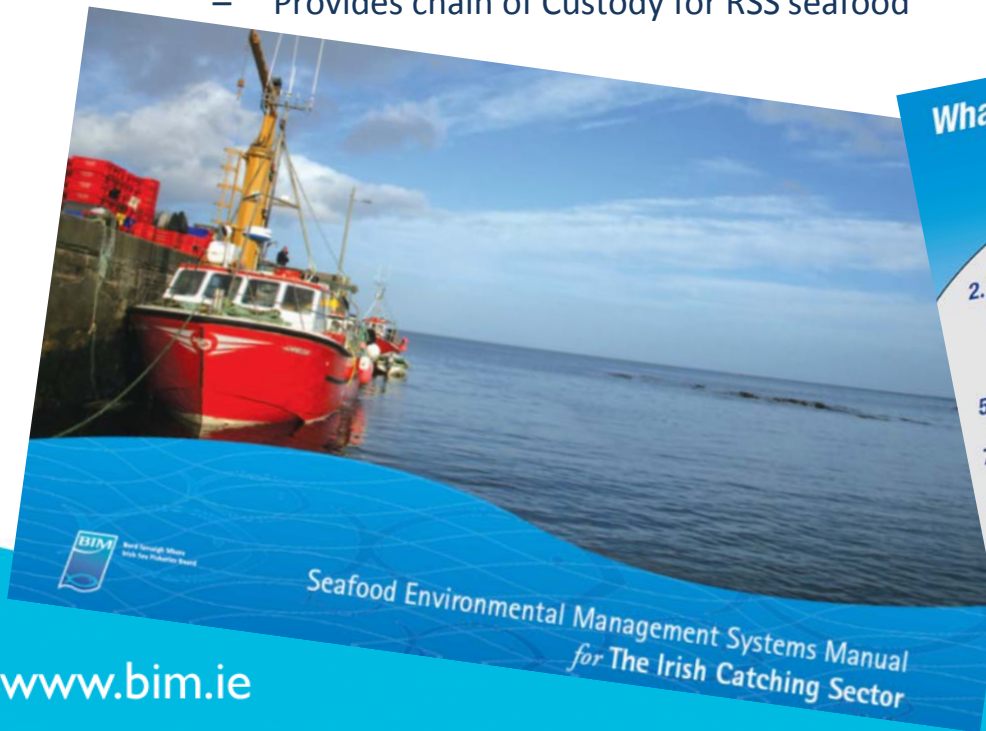
The project aims to provide a vehicle to monitor the types of waste collected by fishermen at sea. The waste will be monitored to find the weight, type, source of the litter and to identify any regional differences.

3 To recognise Industry's stewardship of the marine environment

Participation can gain recognition for member vessels and their crews as Fishing For Litter contributes to BIM's Certification and Sustainability Initiatives and Bord Bia's Origin Green sustainability charter. The information gathered will also be fed into the International monitoring programmes such as OSPAR's Marine Litter Working Group.

BIM Motivational Strands

- BIM Responsible Sourced Seafood Standard
 - On-board Vessel standard
 - Onshore Handling standard
 - Both Accredited to Irish National Accreditation Board
 - Both Independently audited by audit body accredited to EN 17065 (ISO65)
 - Incorporates a Seafood Environmental Management Systems Manual for vessels
 - Provides chain of Custody for RSS seafood



What am I doing and what can I do as an operator for each aspect of my process?

1. Provisioning/Purchasing
2. Fuelling Operations and Maintenance
3. Hygiene Management
4. Fuel Efficiency, Energy & Emissions
5. Fishing Practices
6. Food Safety and Quality
7. Waste Management
8. Marine Debris and Litter
9. Occupational Health & Safety
10. Transport
11. Piers and harbour operations
12. Sustainable Fisheries Management and Research
13. Communications and Public Perception
14. Any Other Aspects?



National Motivational Strands



Origin Green is a sustainability program supported by the government, the private sector and food processors.



National Motivational Strands



International Motivational Strands



Darina Allen
Ballymaloe Cookery School & Gardens, Co. Cork, Ireland

Peer Motivational Strands







Peer Support Recognised



Peer Support Recognised



- KIMO gave great advice:
- Create media
 - Raises profile and “I’ll take one of those!”
- High quality branded merchandise...
 - “I’ll wear one of those!”
- Create competitions to gather content with limited edition
 - Jaysus.. “I need one of those”

Wheel house only stickers? :/



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- High quality branded merchandise...
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- Create competitions to gather content with limited edition
 - Jaysus.. “I need one of those”
- Newsletter for things fishermen actually don’t know about!



Business Motivational Strands

Swan Net Gundry Killybegs:

40 T nylon recycled a year
Currently all granulated
Converted to for eg car
manifolds



Creating Community Connections

Fishing For Litter

Ireland



#2MINUTE
BEACH
CLEAN



WWW.BEACHCLEAN.NET





Creating Community Connections

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Ireland



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Next Step?



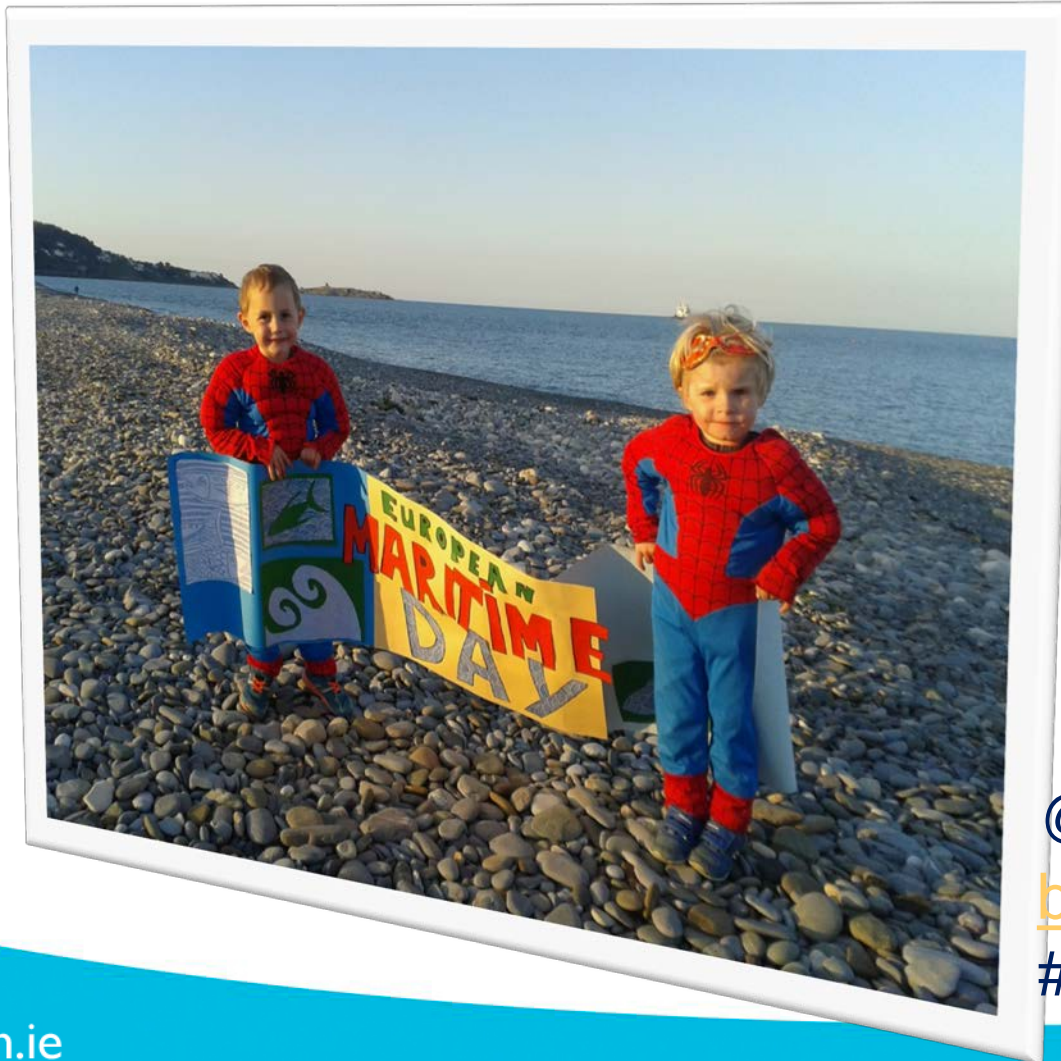
REFUSE
Your Plastic Footprint...



While Belgium might be creating Champions



Marine Litter might be just creating super heroes!



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