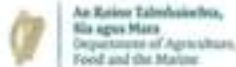




Ireland's marine Litter campaign for the seafood sector

Colum Gibson, CTC

Clean Atlantic Workshop
Galway
December 2019



A Proponent of Sustainability since 1992



Run National Programmes

- Environmental Protection Agency
- Stop Food Waste
- Green Business
- Green Health Care
- Local Authority Prevention Network
- Green Hospitality Award
- Smart Farming
- Bord Iascaigh Mhara



ctc-cork.ie



Research

- 100+ Research Projects
- 120+ project partners
- 40 different countries



Training

- Local Authorities
- Pharmachem Sector
- Hazardous Waste
- Eco Innovation
- Teaching within CIT



Direct Consultancy

- Wide variety of Sectors
- 300+ Clients
- Annual Reporting
- Waste Classification



Coimisiún Eorpach
European Commission



Forfás



Stát na hÉireann
Government of Ireland

Data a Precursor to Prevention

Some recent work

- National Waste Characterisation 2018 (EPA)
 - Household & Commercial
- Commercial Food Waste in Ireland (EPA Research)
 - Research into 5 sub-sectors (food service & food retail)



Fishing For Litter in Ireland

- Gives an opportunity for positive visibility to the public
- Gives ownership of a specific action that other stakeholders can't do on this scale
- Positioned as a valuable contribution by the sector to the wider issue of Ocean Health
- Developing a Consumer facing presence is especially important in the current climate



What has been done?

- BIM Net Management Programme
 - Retired gear prepared for recycling (since 2006; ~600 tonnes)
- Since 2015 over 360 tonnes of marine litter retrieved by fishing vessels.
- Nationally 224 vessels, 1141 crew registered
- Waste characterisation on:
 - Fishing for Litter (passively fished waste)
 - Galley Waste



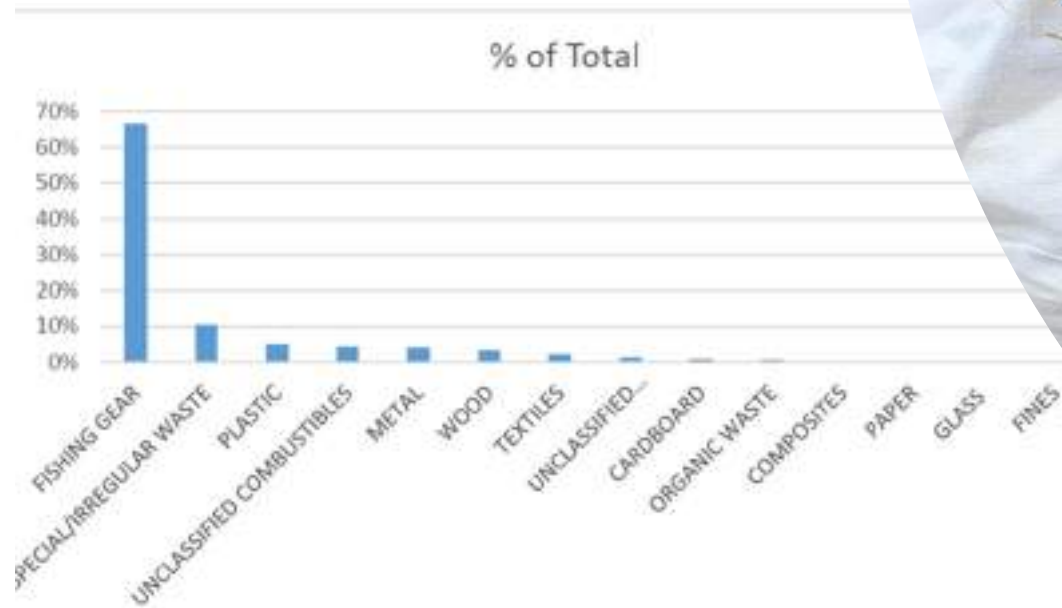
BIM Net Management Programme

- Targeted work with key groups to date. Member states must go nation wide in preparation of the Directives
- Mobile Shredder to help compact it o easier to transport
- Nets must be characterised into their components .. Material type, polymer, etc.
- Potential to reuse/recycle these materials





Phase 1: Analysis of Marine Litter retrieved





Phase 2: Distinguish Between Gear Type

- Retired
- Discarded
- Lost/abandoned



Recent Sort of 2.3 tonnes



Retired



Discarded







Lost/Abandoned

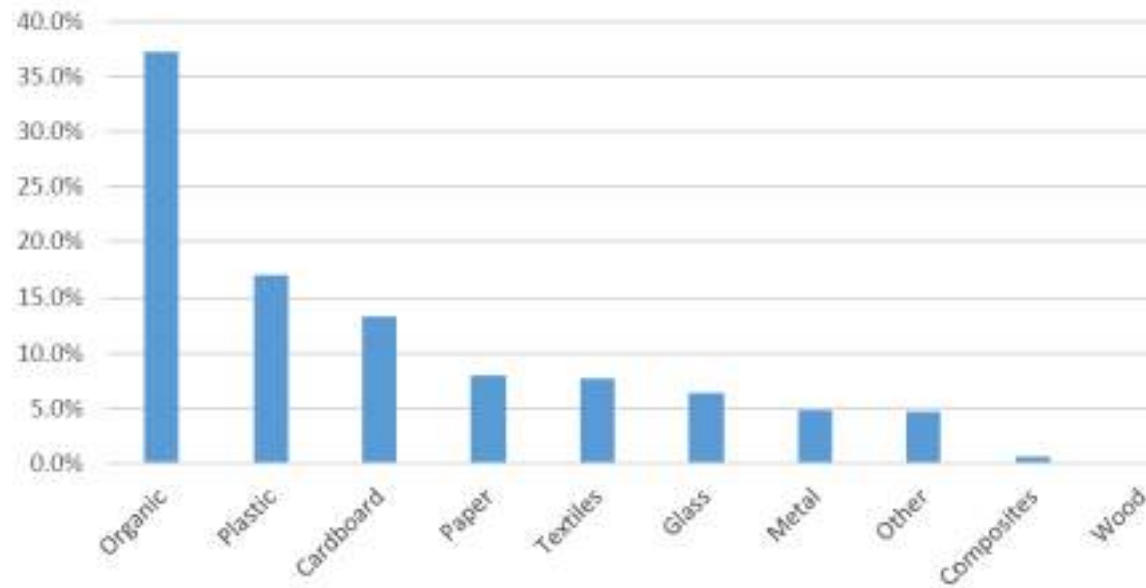




- Global Ghost Gear Initiative and Animal Protection International
 - Gill nets the highest risk for ghost fishing

Phase 1: Analysis of Vessel Based Wastes

Overall Profile of Vessel Based Waste



Phase 2: Improved Waste Management Facilities

- Fishing vessels always moving
- Inconsistent waste services and signs across the country
- Good on-shore waste services needed to help vessels and address legislative requirements



Why widen Fishing For Litter?

- Overarching Eu policies
 - #Newplasticseconomy
 - #Circulareconomy
- 2 key pieces of legislation that will affect the sector
 - Reducing of plastics in the Marine Env (SUP)
 - Port Reception Facilities
- Facing the Green wave
- Ensure we are earning the public social trust for our businesses
- Take control of the impact of these new directives on the sector
- Expertise in the sector
- Managing the economic cost of the business change



Key Timelines

By July 2020

Format for reporting data by Member States on the amounts of fishing gear containing plastics put on the market and on the amounts of waste fishing gear collected.

Jan 2025

Member States will be required to have Extended Producer Responsibility schemes implemented.

Other DG Mare Initiatives communicated:
Launch calls for two studies –

on circular design for fishing gear

on monitoring and reporting of

- fishing gear placed on market,
- waste fishing gear and
- passively fished waste collected.





Smart Net Management





Skills and knowledge



Partnership

The sector is active in local communities ...

High level of volunteering within the sector for other activities

Participating in reducing Marine Litter is no different



Communications

Public Engagement

- Launched a national campaign “Love our Ocean”
- Enabling the seafood sector to tell their story





Category in the national awards

Fishing Community of the Year: Shortlisters..

Clew Bay

Castletownbere

Kilmore Quay

The Clean Oceans Initiative



**SUSTAINABLE
DEVELOPMENT
GOALS**



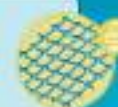
REFERENCE

- Establish baselines to understand the volume and nature of marine litter, end of life gear and plastic waste streams from the sector
- Identify commercial pathways for end of life fishing gear with plastics



REDUCE

- Smart Net Management
- Onshore Waste & Resource Management
- On-board Initiatives/Eco Pact on farms
- Apply circular economy principles to achieve efficient use of plastic resources



REWARD

- Identify individual and community efforts
- Recognise and share the stories and achievements of the sector Develop "Green Ship" credentials



RETRIEVE

- Aquaculture area shore/pier clean
- Fishing For Litter
- Co-ordinated Local Aquaculture Management Systems (CLAMS)



REACH

- Stakeholder/community engagement at local events
- Awareness training on marine plastics for the seafood sector
- Community Charters or "Green Deals" giving co-commitment between marine and land partnerships
- Working with stakeholders in the Clean Coast network



RECORD

- Establish recording methods so Vessels can log marine litter, waste returned and end of life gear management using geo-tagging technology to share activity and metrics



Thank you from the



Catherine.barrett@bim.ie



An tAonán Taiscéalaithe,
Ministère de l'Agriculture,
du Développement Rural et de la Pêche
et de la Mer



EUROPEAN UNION
This measure is co-financed
by the European Union
and the Irish Government

