



# GEARING UP

*The online solution supporting discard-free fisheries*

**WEBSITE: [GEARINGUP.EU](http://GEARINGUP.EU)  
TOOL: [TOOL.GEARINGUP.EU](http://TOOL.GEARINGUP.EU)  
TWITTER: [@GEARINGUP\\_](https://twitter.com/GEARINGUP_)  
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**"TO EXPECT FISHERMEN  
TO ADAPT TO THE NEW  
MANAGEMENT SYSTEM,  
INFORMATION ON  
FISHING GEAR OPTIONS  
HAD TO BE MADE MORE  
READILY AVAILABLE."**

**THOMAS CATCHPOLE  
- CEFAS**

# THE GEARING UP TOOL



## Trial Filters

### Species

Target Group

Species of Interest

### Location

Region

ICES Sub Area

### Gear

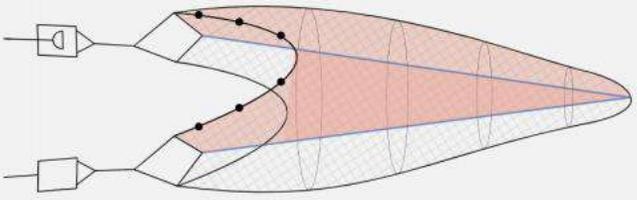
Gear Type

Selectivity Device

Choose a language  

## Results

Study ID	1	Aim of Trial	To analyse the potential impact on whiting stock following the introduction of a coverless trawl in the Celtic Sea Nephrops fishery.
Trial ID	1	Selectivity Device	Gear design
Year	2005	Key Characteristics	80 mm coverless trawl
Region	Celtic Sea	Location	Top panel
ICES Sub Area	VIIG		
Gear Type	Otter trawl		
Species of Interest	European Hake Nephrops Whiting		
Target Group	Crustaceans		
Bycatch Issue	Undersized whiting in Nephrops fishery.		



[View trial](#)

“ In the 34 years I've been a fisherman, we've never been taught how fisheries are managed, and how science interacts with the fishing. ”

- Mark Robertson, Skipper, FITF trustee



[www.fishingintothefuture.co.uk/our-work/sfep/](http://www.fishingintothefuture.co.uk/our-work/sfep/)

@Fishing\_future 



“

**Fishermen are trained to catch fish. Scientists and managers are trained to save fish. We need education on how to work together towards the same goals.**

”

- Alexa Dayton, Gulf of Maine Research Institute



[www.fishingintothefuture.co.uk/our-work/sfep/](http://www.fishingintothefuture.co.uk/our-work/sfep/)

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[Business of Fishing](#)



## SUSTAINABLE FISHERIES EDUCATION PROGRAMME

- Gives fishermen the tools and opportunities to engage fully with fisheries science and management.
- Brings together scientists, policy-makers and fishermen to share understanding, build trust and develop a common language.

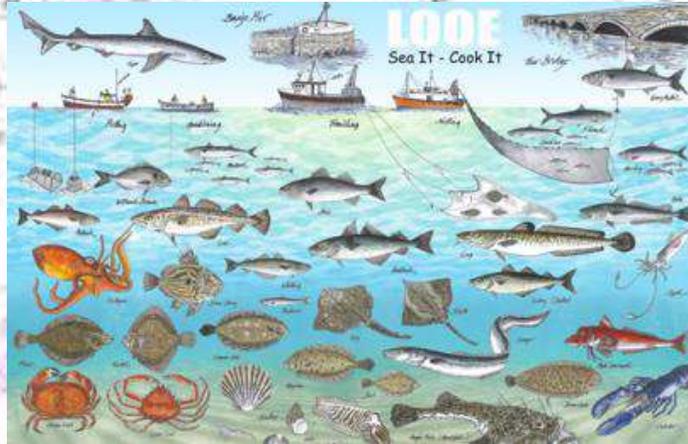
The marine environment is safer in the hands of well-informed, motivated and engaged fishermen.

“All fishermen should attend this course before they go to sea.”

- Sam Robinson, Fisherman and SFEP Graduate.



*'talk and tasting events' to showcase healthy seasonal fish suitable for families*



*spreading knowledge about west country fish and shellfish*



*the fish buying customers of the future are in the primary schools now*



**Sustainable Fish Education**

*"Eat a variety of local fish for a healthy diet & a healthy ocean"*



## Making a difference / Changing attitudes

Enthuse local families to eat healthy foods with benefits for:

- tackling childhood obesity
- local food producers
- reducing food miles.



*I thought eating herring would be gross but I really liked it*  
14 year old student Atlantic Academy

**Sustainable Fish Education**

*"Eat a variety of local fish for a healthy diet & a healthy ocean"*



## Future Plans / Developing partnerships

Promoting seasonal local sustainably caught fish: herring, mackerel, hake, dabs and flounders, mussels as advised by Marine Stewardship Council



- Local Primary Schools
- Secondary Schools and Academies
- Community Groups and Festivals
- Memory Cafes
- Cornwall Food Foundation
- Bideford Sustainability Group
- Sea-fish South West
- Blue Marine Foundation
- North Devon Marine Pioneer

*We all really enjoyed the session and it has certainly opened a new food source for some of the children.*

Teacher Atlantic Academy

Sustainable Fish Education <http://www.sustainablefisheducation.com>

Cookery Demonstrations  Workshops  School Education Programmes

Felicity Sylvester [brilliantfishsw@gmail.com](mailto:brilliantfishsw@gmail.com)



## Sea's the Day : The Fishermen of Selsey Bill



### What is Sea's the Day?

- 'Sea's the Day' is a Heritage Lottery Funded Project
  - Selsey Town Council - supported by Selsey Fishery, Chichester District Council, Manhood Peninsula Partnership

### Why are we doing it?

- Selsey Fishery:
  - The history of the Selsey fishery is the history of the town. New people; new priorities; lost heritage.
  - New business and funding opportunities.
- Visitor Economy:
  - Visitor focus; heritage awareness; new business and funding opportunities

**Jane Cunningham**  
MPP Project Officer Chichester  
District Council



**Coastal Futures**  
January 2019  
Royal Geographic Society





## Sea's the Day : The Fishermen of Selsey Bill



### What are we doing?

Promoting the fishing heritage of Selsey by creating a permanent record of the fishermen to:

- Publicise the fishery and it's long history to demonstrate it's importance as a local industry.
- Promote the fishery and local fish as a unique part of the visitor offer on the peninsula

This is how we're doing it:

- Record stories and memories of fishermen and their families.
- Make a 10 minute film using transcriptions from the oral history interviews as a basis.
- Produce a short book using transcriptions of the interviews.
- Gather crab and lobster recipes for use on recipe cards.
- Take photographs of fishermen at work to create pull-up banners for exhibitions.

The result of all this activity will be a nine month long exhibition in Chichester's Novium Museum starting in June 2019 and ending in March 2020.

The project lasts until June 2020, and will be curated by West Sussex Record Office.

### What happens next?.....

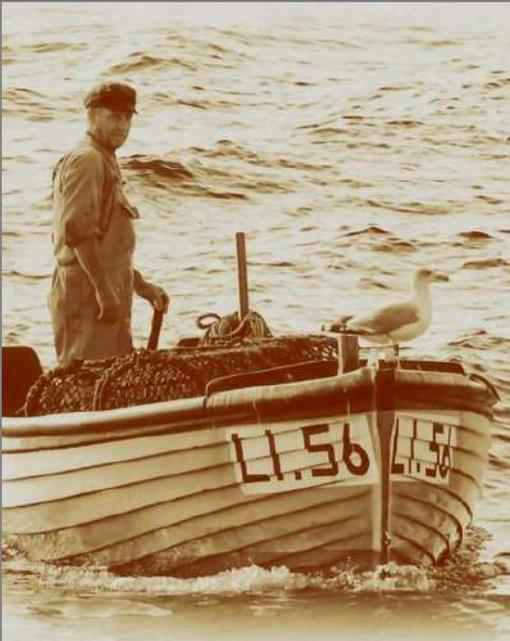




# Sea's the Day : The Fishermen of Selsey Bill



LOTTERY FUNDED



Capturing memories and stories of fishermen and their families

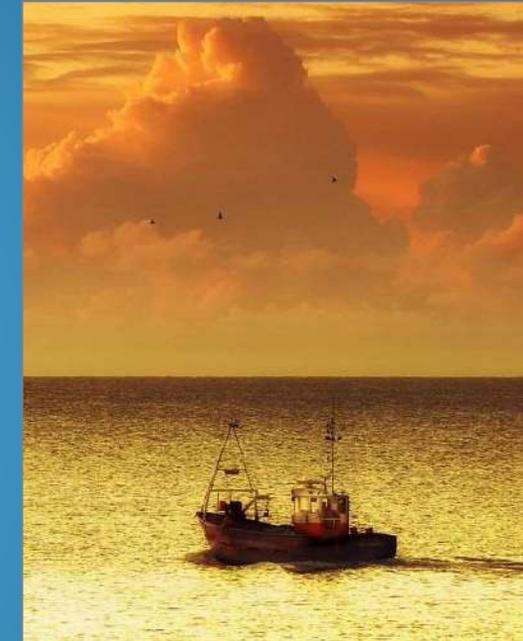


Raising the economic and community profile of the Selsey fishery – it's all about sustainability



Making it matter:

- for local people
- for visitors



Creating a platform to gain public support for:

- future fisheries projects
- a better visitor offer



[@ChichesterDC](https://www.facebook.com/Seas-the-Day-242070933144999/)

<https://www.facebook.com/Seas-the-Day-242070933144999/>

[@SelseyTownCouncil](https://www.selsey.gov.uk/)



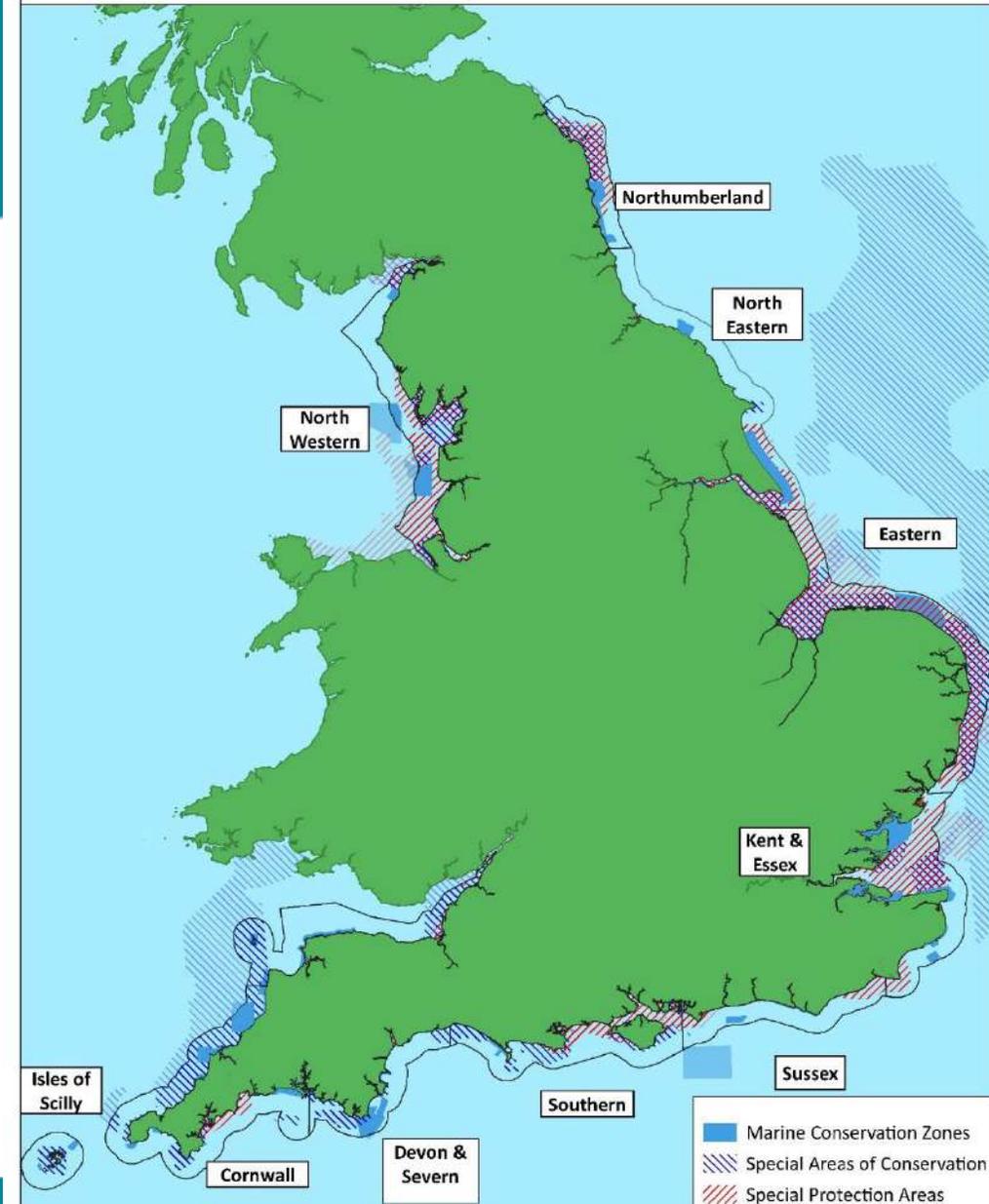
# Inshore Fisheries & Conservation Authorities Management of Inshore Marine Protected Areas



## The National Association of IFCAs MPA Project

- Defra has funded a 1 year national project to consolidate the work carried out to date by IFCAs in assessing and managing fishing activities within English inshore Marine Protected Areas (MPAs)
- In 2012 the Government introduced a Revised Approach to the management of commercially licensed fisheries in European Marine Sites
- The project aims to collate, analyse and promote IFCA and IFCA partners progress in assessing and managing fishing activities within MPAs

Marine Protected Areas which fall within (or partially within) the IFCA Districts.



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# IFCA Management of Inshore Marine Protected Areas

## 23 NEW IFCA BYELAWS

INTRODUCED BY IFCAS BETWEEN 2013 AND 2018 TO DIRECTLY PROTECT MPA FEATURES

## 20 ADDITIONAL IFCA BYELAWS CONTRIBUTE TO THE PROTECTION OF MPAS

## 30 FURTHER MANAGEMENT MEASURES CONTRIBUTE TO MPA PROTECTION

- NATIONAL MEASURES
- REGULATING ORDERS/SEVERAL ORDER
- VOLUNTARY MANAGEMENT

ADDITIONAL IFCA BYELAWS PROVIDE MPA BENEFITS THROUGH THE MANAGEMENT OF INSHORE FISHING EFFORT.

**16,027km<sup>2</sup>**  
of sea area within IFCA districts is covered by MPA designation

**>13,500**  
interactions between commercial fishing and EMS features assessed by IFCAs

**1,125**  
Habitat Regulations Assessments completed by IFCAs

**56%**  
Total coverage of IFCA districts by at least one MPA designation

### NUMBER OF INDIVIDUAL TYPES OF MPA WITHIN IFCA DISTRICTS

**38** Marine Conservation Zones

**39** Special Areas of Conservation

**45** Special Protection Areas



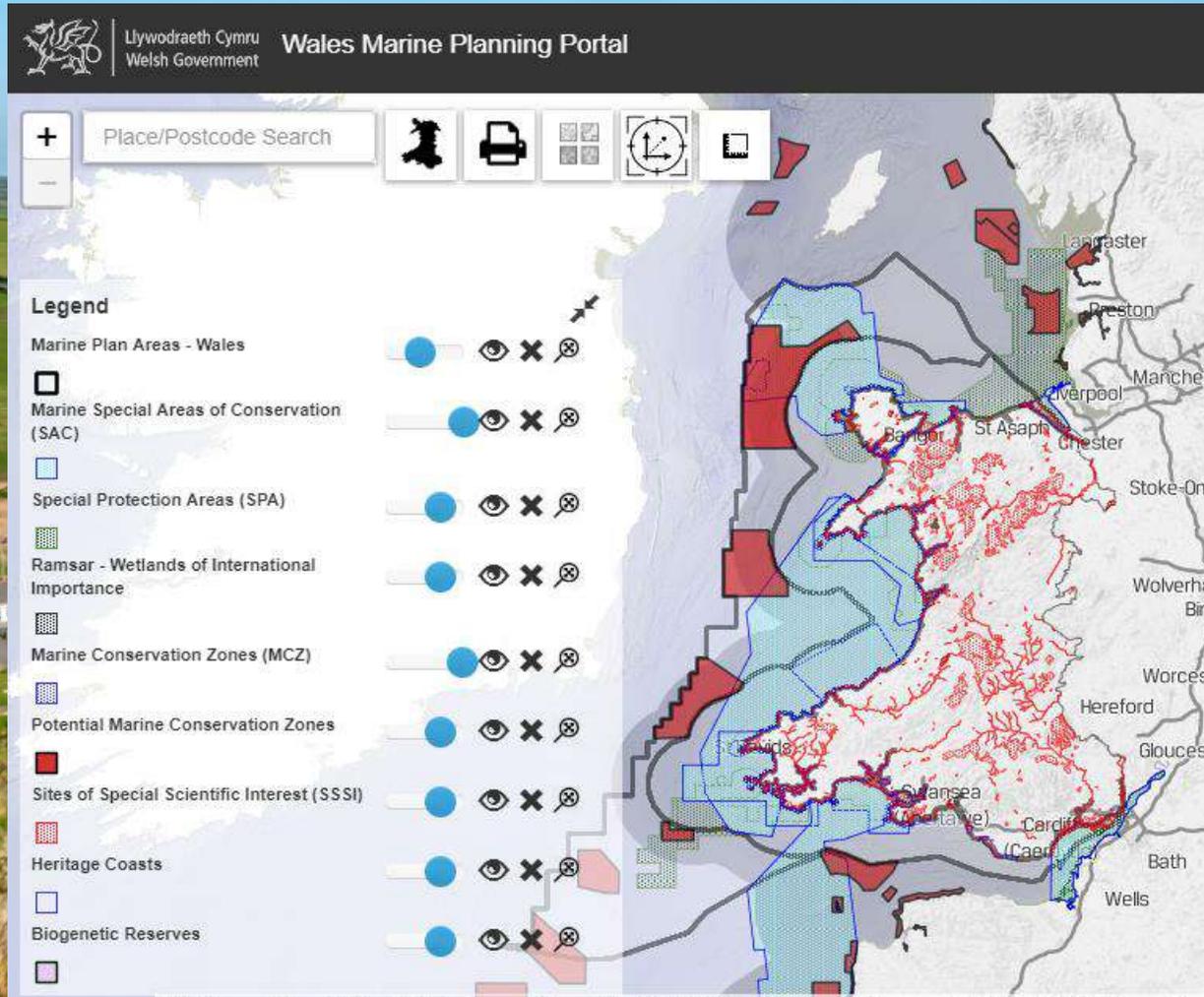
# Project Outputs

The information gathered will be used to deliver:

- An online interactive Inshore MPA Fisheries Management 'Hub' providing access to assessment data and management measures introduced to support the delivery of a well-managed network of MPAs in English inshore waters
- A promotional booklet, highlighting the progress made in managing fishing activities within inshore MPAs
- Materials will be available on the AIFCA website from February 12th



# MPAS in Wales



- 69% of Welsh Waters are in some form of protection
- 1 MCZ - Gaps identified including offshore
- Assessing Welsh Fisheries Activities
- No IFCA equivalent
- Limited SAC officers

Designated Features	Indicative condition assessment	Confidence in assessment	
• Large shallow inlets and bays	Unfavourable	Medium	
• Estuaries	Unfavourable	High	
• Reefs	Unfavourable	Medium	
• Atlantic salt meadows ( <i>Glauco-Puccinellietalia maritima</i> )	Unfavourable	Medium	
• Mudflats and sandflats not covered by seawater at low tide	Unfavourable	High	
• Coastal lagoons	Favourable / High confidence	5	7%
• Submerged or partially submerged sandbanks	Favourable / Medium confidence	11	15%
• Sandbanks which are slightly submerged at low tide	Favourable / Low confidence	7	10%
• Grey seal ( <i>Halichoerus grypus</i> )	Unfavourable / High confidence	15	21%
• Allis shad ( <i>Alosa alosa</i> )	Unfavourable / Medium confidence	14	20%
• Twait shad ( <i>Alosa fallax</i> )	Unfavourable / Low confidence	12	17%
• River lamprey ( <i>Lampetra fluviatilis</i> )	Unknown	7	10%
• Sea lamprey ( <i>Petromyzon marinus</i> )	Unknown	7	10%
• Otter ( <i>Lutra lutra</i> )	Unknown	7	10%
• Shoredock ( <i>Rumex rupestris</i> )	Unknown	7	10%
	Total	71	100%
	Favourable		32%
	Unfavourable		68%

- NRW - Indicative Condition Assessments given with Confidence Index
- Article 17 reporting due but last round indicated over 50% of features were in unfavourable conservation status
- New framework and action plan – ongoing activities
- As yet no new management measures or conservation objectives

# MPAs in Wales

Wales has highest % coverage of MPAs in Britain  
Government prioritise optimising resources over MPA recovery

Wales is behind other countries on:

- Marine planning
- Offshore designation
- Inshore gaps
- Reference sites
- Fisheries impacts
- Local engagement

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