

International Fisheries Engagement and Data Gathering

Johnny Murt & Declan Tobin

UK MPA BACKGROUND



The UK, along with other countries has made international commitments to establish networks of MPAs by 2012

UK Government Aim

UK Marine and Coastal Access Act 2009

‘to recover and protect the richness of our marine environment and wildlife through the development of a strong, ecologically coherent and well managed network of marine protected areas, that is well understood and supported by all sea users, by 2012’

UK MPA BACKGROUND

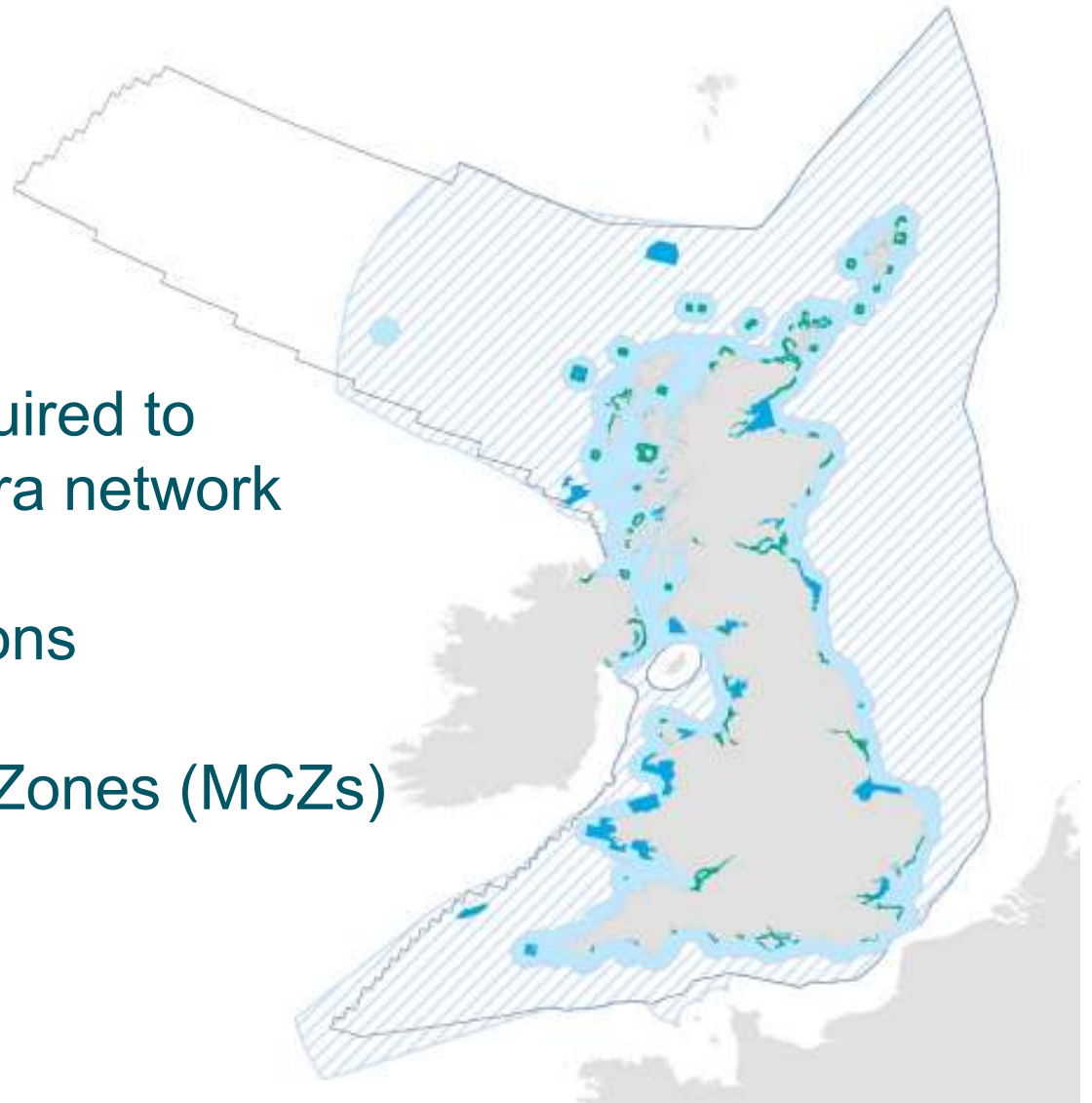
Existing European sites

- SACs
- SPAs

New European sites required to
Complete the UK's Natura network

Additional UK Designations

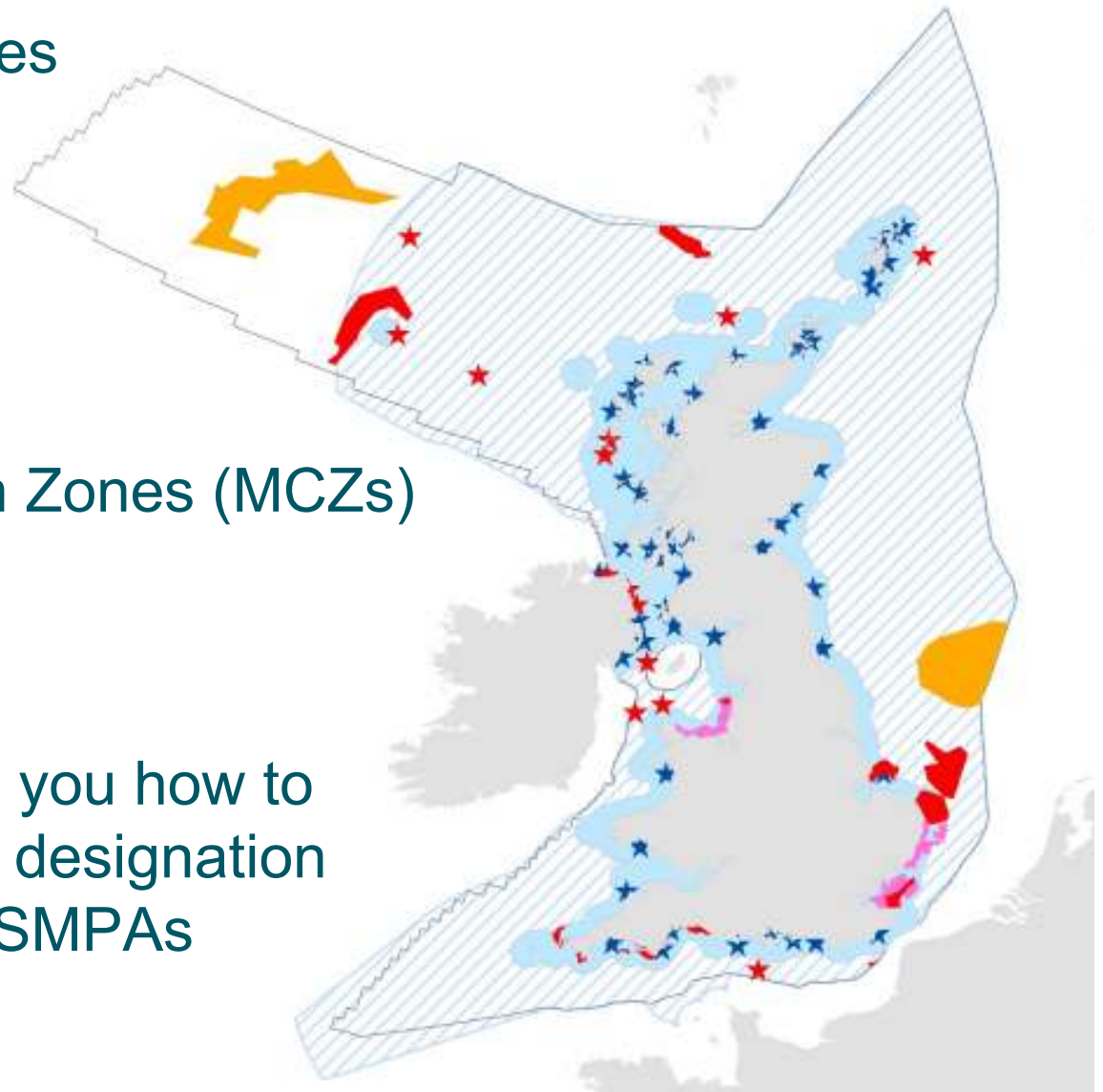
- Marine Conservation Zones (MCZs)
- Scottish MPAs



UK MPA BACKGROUND

Proposed European sites

- SACs
- SPAs
- Marine Conservation Zones (MCZs)
- Scottish MPAs
- I would like to inform you how to become involved in the designation process for MCZs and SMPAs



NEW PROCESS



Conservation objectives based on the best available science

Socioeconomics is being considered

Transparent process

Manage activities to meet conservation objectives

Some activities will be allowed to continue depending on the sensitivities of the features that are being protected in the sites



WHO ARE WE?



International fisheries Liaison team

Johnny Murt

Declan Tobin



WHAT WE HOPE TO DO



Interviews with fishers and fisheries organizations

Collect non-UK fishing data

Involving the fishermen at every stage (allowing comment)

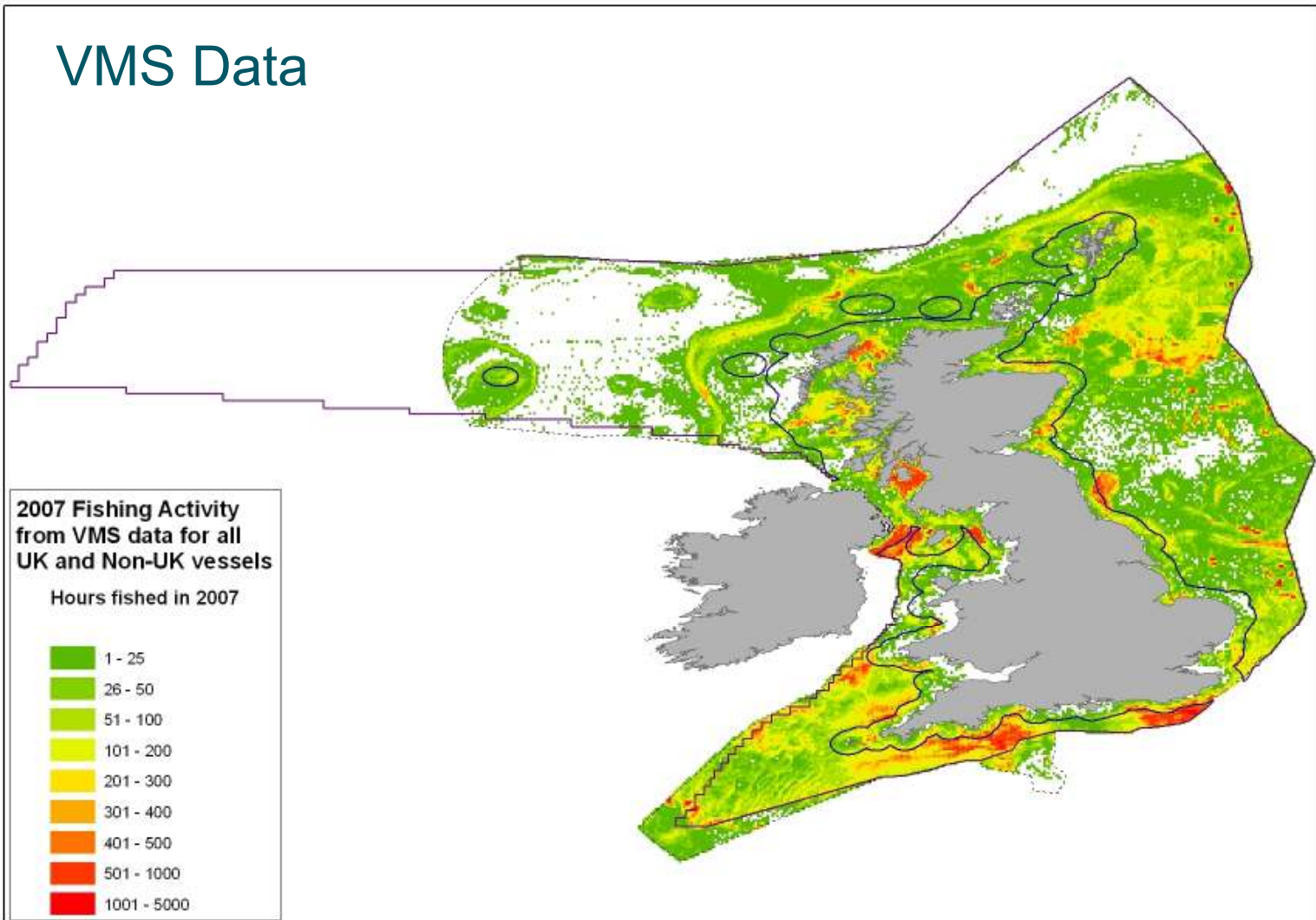
Provide forum for periodic feedback

Disseminating information in a clear and understandable language



THE DATA SO FAR.....

VMS Data



THE DATA SO FAR.....

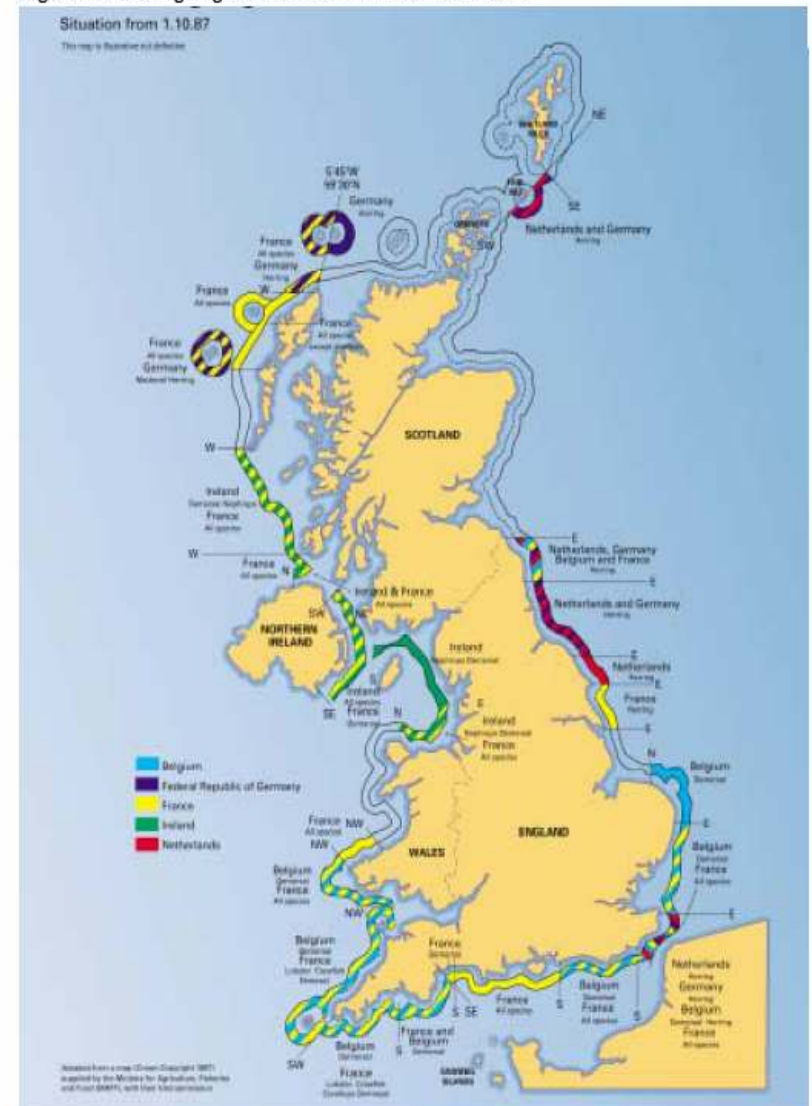
Historical Fishing rights

Anecdotal information from UK Fishers

UK Inshore fishers activity mapped using Fisherman

Fisherman will also be used for the UK mobile fleet

Fig 3: EC Fishing Rights in the UK: 6 to 12 mile band



WHY DO WE NEED MORE?



Currently Offshore not comparable with inshore

No representation for non-UK boats <15 metres

Gaps need to be filled

Minimize Socio-economic implications

Choosing between 2 sites that are ecologically comparable

Minimizing displacement



OPTIONS



Named Consultative Stakeholder

Use Existing Groupings (such as RACs)

Places on Stakeholder Groups

Country Specific Meetings

Fishermap

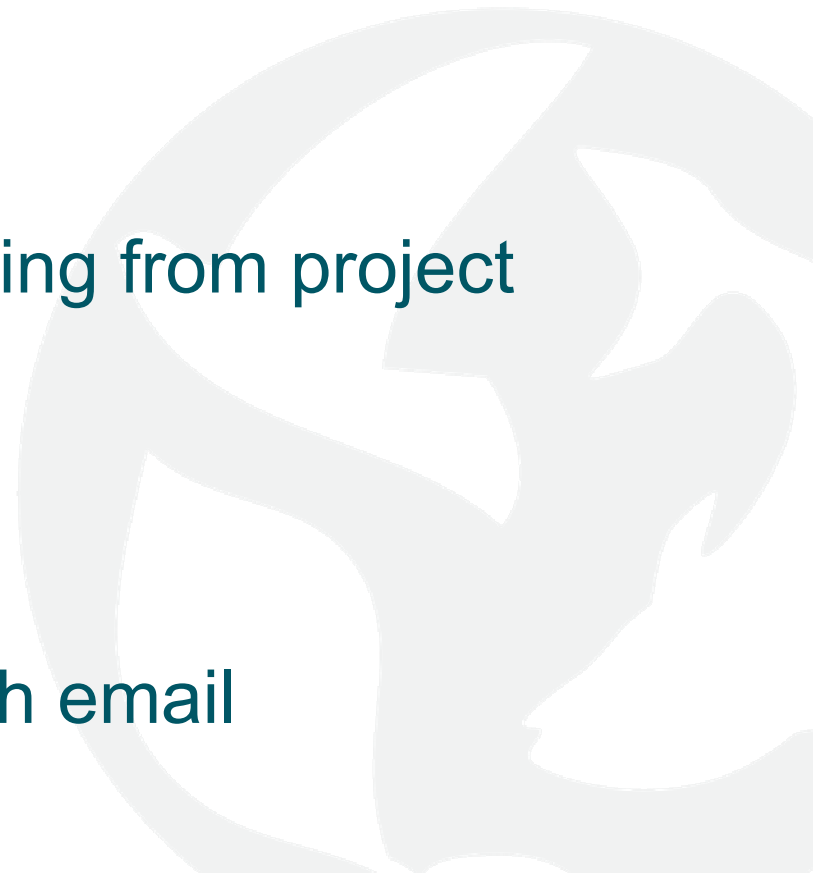
Web GIS



OPTIONS

Named Consultative Stakeholder

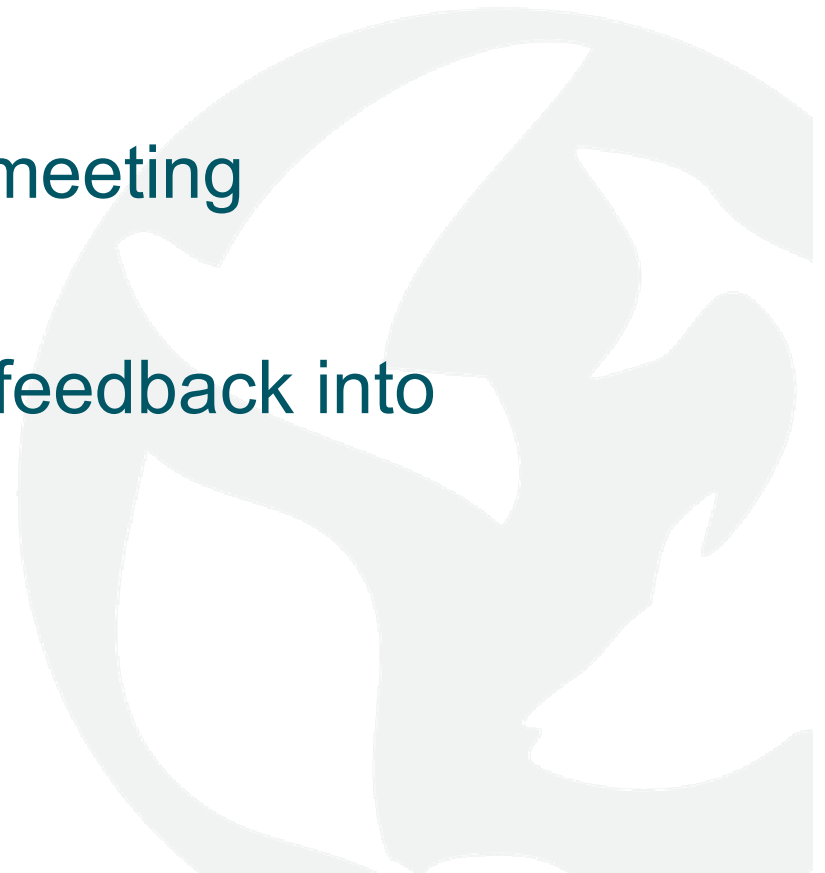
- Provide Info to project in relation to specialized knowledge
- Comment on work emerging from project
- Respond to iterations
- Involved in project through email



OPTIONS

Use Existing Groupings (such as RACs)

- MPA project presents at RAC meetings
- Collect feedback at next meeting
- Process and incorporate feedback into project
- Respond to iterations



OPTIONS

Places on Stakeholder Groups

- Participate in regional stakeholder meetings
- Same voice as UK fishery stakeholders
- Face to face feedback
- Respond to iterations



OPTIONS

Country Specific Meetings

- Presentation on MPA project progress
- Similar process to that going on in the UK
- Face to face feedback
- Respond to iterations through email



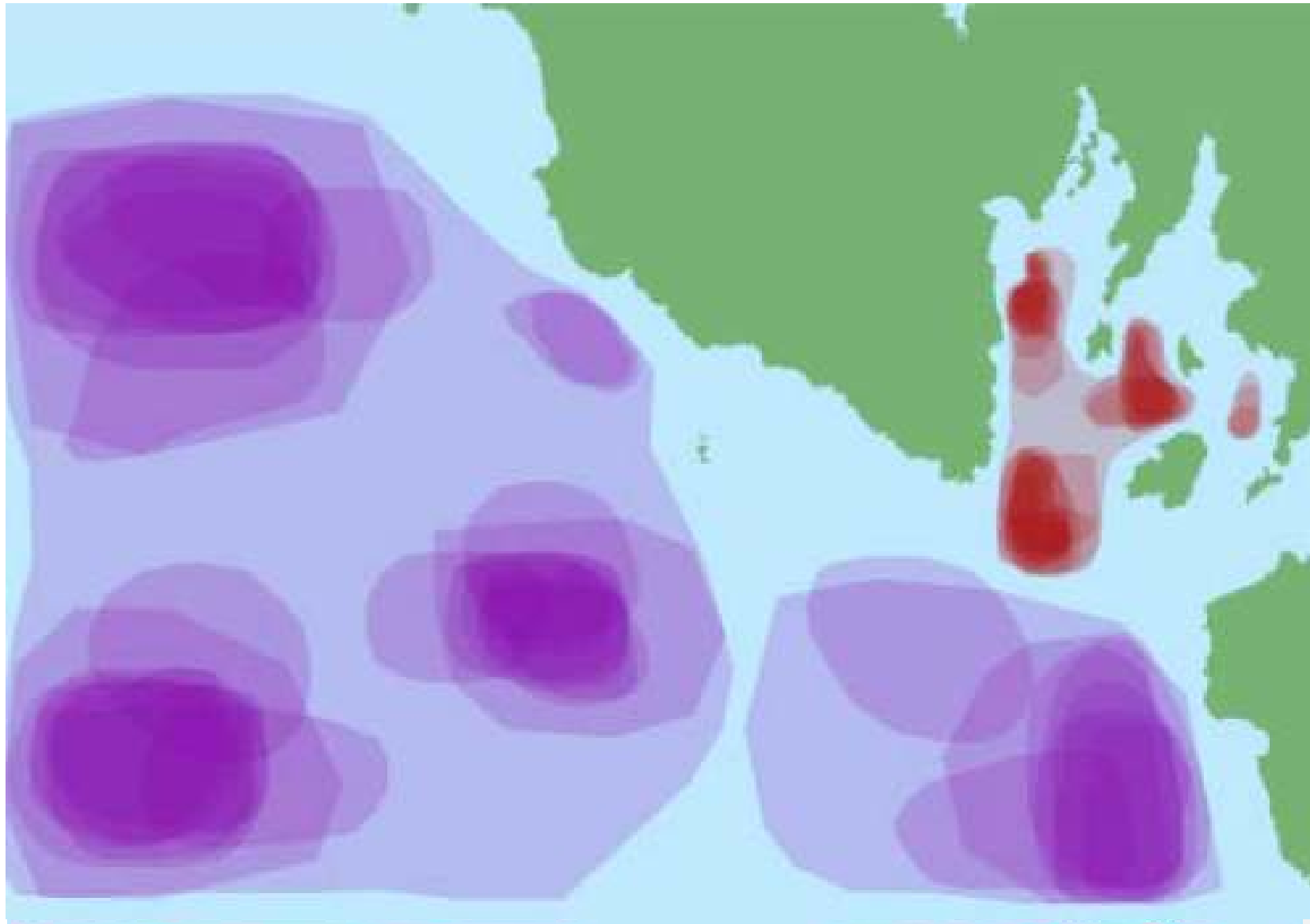
OPTIONS

Fishermap

- Effective way of collecting fisheries activity data
- Similar process to that going on in the UK
- Face to face feedback



FISHERMAP



FISHERMAP



General Introduction – Liaison Officers to explain the concept of FisherMap and the MCZ project in the region, and invite interviewee to ask questions.

Informed consent. Personal identification details gathered during this project will only be accessible to the MCZ project staff, treated as confidential and securely stored. Please answer each statement concerning the collection and use of the data.	Yes	No
I understand the purpose of this project and have had my questions about FisherMap and the MCZ project answered satisfactorily.		
I agree for the information I provide to be used and combined anonymously with others for the purposes of the MCZ project. Analyses of this data will be used for the purposes of marine conservation zone planning and will be published in a range of media.		
I give the MCZ Project permission to share my data with researchers as part of a collection of anonymous records.		
I have the right to request the removal or correction of my data at any time. I fully understand that it will be impossible to isolate my contribution from any combined datasets.		
I would like to be given appropriate notice of any information review sessions that place – these review sessions may take the form of validation workshops or maps being made available for comment (either in an electronic or printed format).		
I would like my name acknowledged in the report and on the project web site (without linking it to content).		
I agree for my anonymous data to be transferred to an appropriate custodian and to be used by other researchers after the end of the MCZ projects.		
I agree for my name and contact details to be kept on your databases until the end of the MCZ project, at which point they will be erased.		
I would like to be kept informed about the MCZ project by e-mail.		
Name (printed) _____ Signature _____ _____		

FISHERMAP



FisherMap Participatory Mapping Questionnaire	Interview Date	D	D	M	M	Y	Y	FV anon. code	Ini	0	0	0
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Table 1 to be printed at the back of the Consent Form and to be kept separate from rest of paper and electronic data files

Table 1. Contact details (data verification and your future data queries)		Gender: (circle)	M	F
1. Name:				
2. Address:				
3. Postcode:	4. Email:			
5a. Tel (home):	5b. Mobile:			

Table 2. Individual details			Notes
1. Are you a... Vessel Owner? (circle) Y N Skipper? (circle) Y N Other (specify)?			
2. Years fishing in local area	3. Age (or age decade)	4. Fisheries Producers Organisation (if any):	
5. Does fishing make up your entire income? Y N	6. If No, what % of time do you spend fishing?		
7. What other work makes up the rest of your income?			
8. Fishermen's Association	Secretary 's name	mobile N°	

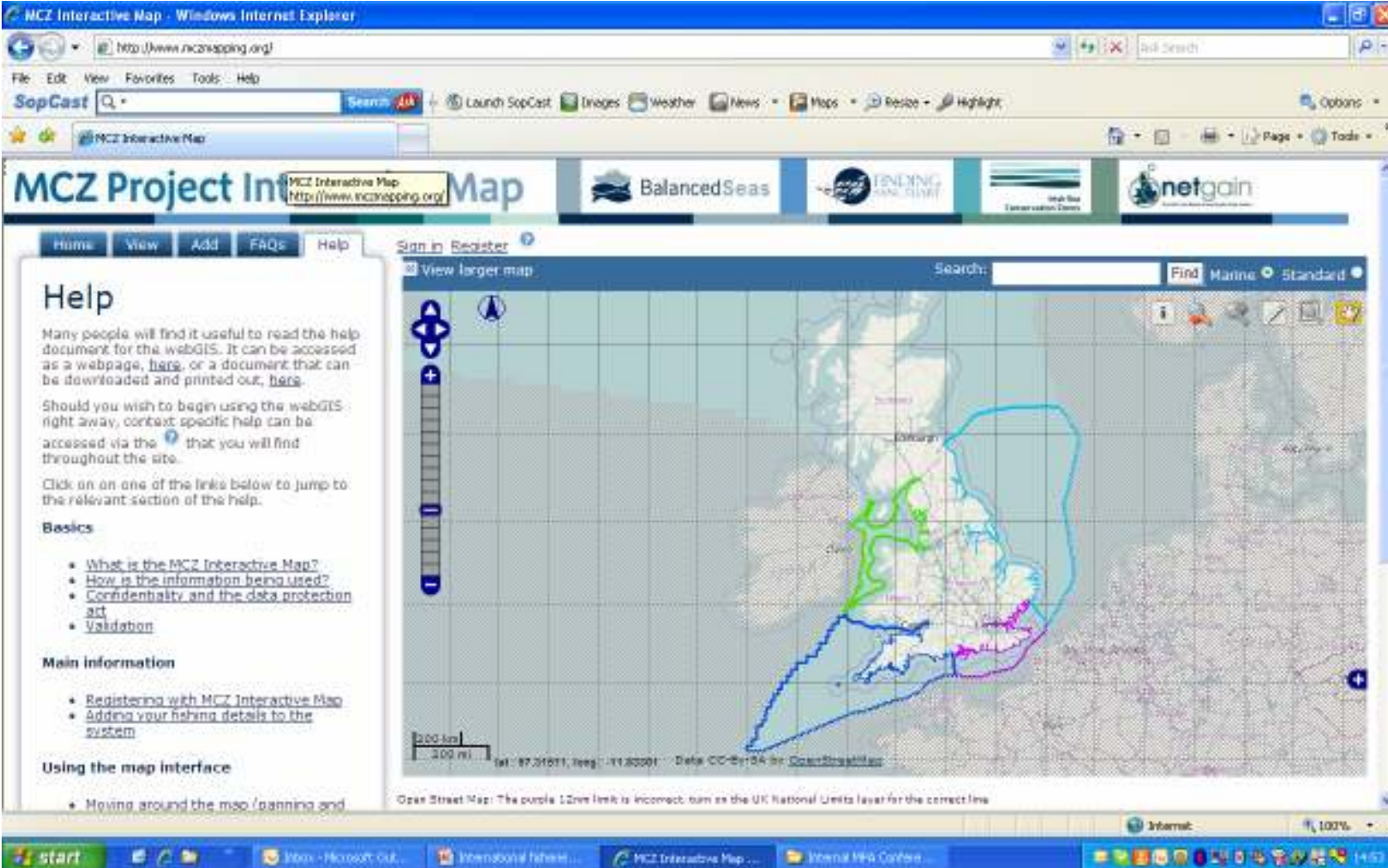
OPTIONS

Web GIS

- Effective way of collecting fisheries activity data
- Reduce travel
- Similar process to that going on in the UK



WEB GIS



MCZ Interactive Map - Windows Internet Explorer

http://www.nczmapping.org/

File Edit View Favorites Tools Help

SopCast Search

Launch SopCast Drages Weather News Maps Resize Highlight Options

MCZ Interactive Map

MCZ Project Information Map

Balanced Seas

ENCLOSURE

netgain

Home View Add FAQs Help

Sign in Register

View larger map

Search: Find Marine Standard

Help

Many people will find it useful to read the help document for the webGIS. It can be accessed as a webpage, [here](#), or a document that can be downloaded and printed out, [here](#).

Should you wish to begin using the webGIS right away, context specific help can be accessed via the [?](#) that you will find throughout the site.

Click on one of the links below to jump to the relevant section of the help.

Basics

- [What is the MCZ Interactive Map?](#)
- [How is the information being used?](#)
- [Confidentiality and the data protection act](#)
- [Validation](#)

Main information

- [Registering with MCZ Interactive Map](#)
- [Adding your fishing details to the system](#)

Using the map interface

- [Moving around the map \(panning and](#)

200 km 200 mi

lat: 57.01611, long: -11.83391 Data: CC-BY-SA or OpenStreetMap

Open Street Map: The purple 12m link is incorrect, turn on the UK National Units layer for the correct line

start

Internet 100%

TIMETABLE

