



Department
for Environment
Food & Rural Affairs

Marine Strategy Framework Directive (MSFD)

Update and marine monitoring programme consultation

Presented by: Dominic Pattinson
Head of Defra MSFD Implementation Team

UK Marine Monitoring Programmes

Consultation launched

Went live on 8th January and will close on 2 April

<https://www.gov.uk/government/consultations/marine-strategy-framework-directive-measuring-progress-in-uk>

We want your input



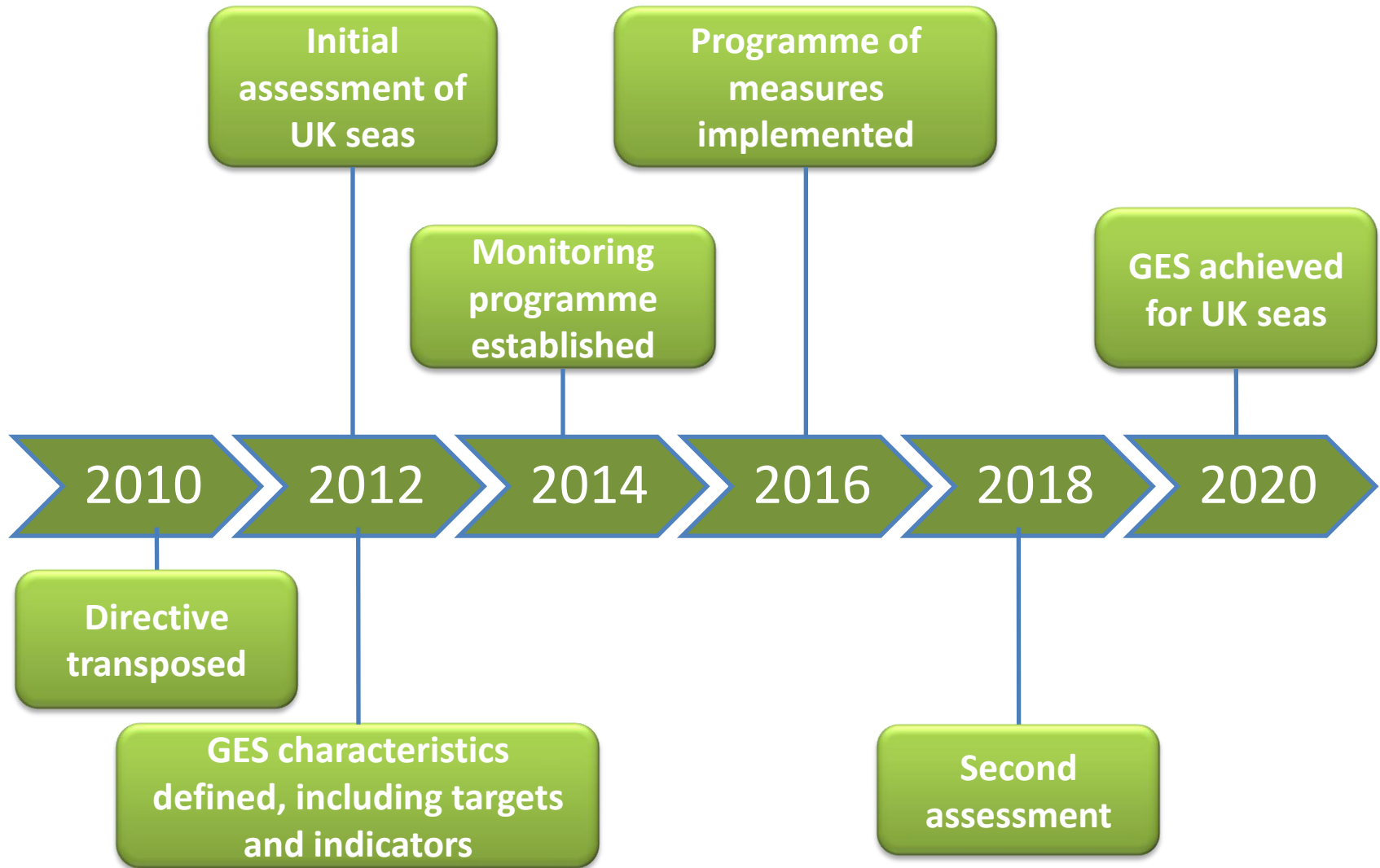
MSFD requirements

The Marine Strategy Framework Directive:

- requires Member States to put in place measures to achieve Good Environmental Status (GES) in their marine waters by 2020.
- requires MS to cooperate to ensure that the measures required to achieve GES are coherent and coordinated across the marine region or sub-region

Supports UK Government and Devolved Administrations' vision for *“clean, healthy, safe, productive and biologically diverse oceans and seas”*

Key MSFD stages



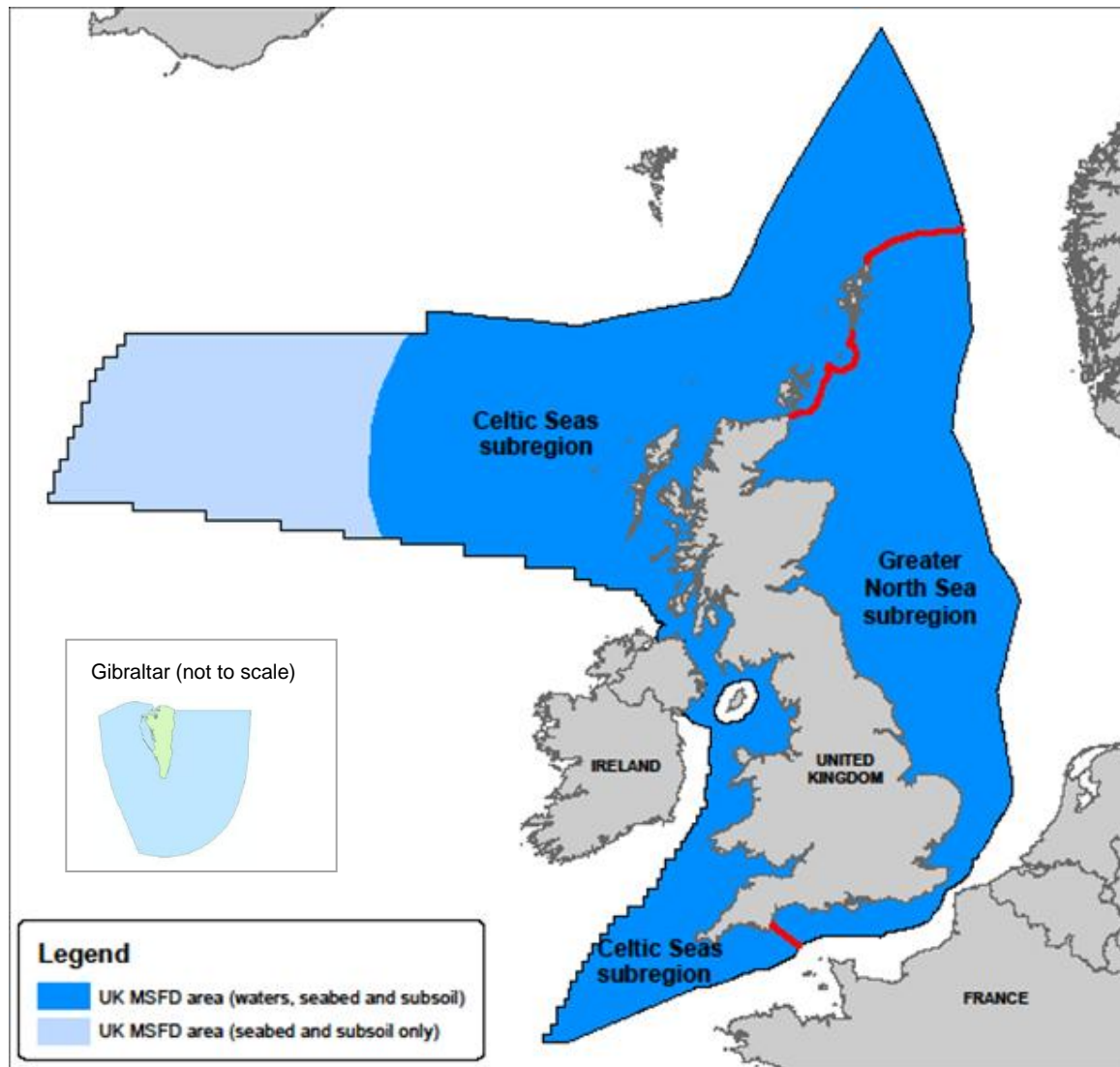
What does GES include?

GES Descriptors from MSFD

No.	Descriptor
1	Biological diversity maintained
2	Non-indigenous species
3	Commercial fish & shellfish
4	Food-webs
5	Eutrophication
6	Sea-floor integrity
7	Hydrography
8	Contaminants
9	Contaminants in seafood
10	Litter
11	Energy, incl. underwater noise



Where does MSFD apply?



Update on progress

- **Published Marine Strategy Part 1 December 2012**
- **Monitoring Programme consultation: January 2014 & stakeholder engagement**
- **OSPAR: Common indicators**
- **EC: assessment of Marine Strategy Part 1**
- **Development of Programme of Measures: Consult on PoM January 2015**



Marine Monitoring Consultation

Our approach:

- **Descriptor by descriptor**
- **Reminders of the status of the relevant descriptor and the relevant UK targets and indicators**
- **Proposed monitoring programmes**
- **Degree of coordination**
- **How the proposed monitoring programme meets the requirements of the directive**
- **Any gaps and issues**



OVERVIEW of MSCC TERRAIN – A First Cut



Species monitoring

International Bottom Trawl Survey (IBTS), other surveys e.g. English Bean trawl, herring acoustic

Several surveys in Celtic Seas Region.

UK Seals monitoring programme

UK Bycatch monitoring scheme

UK stranding scheme (CSIP)

Inshore bottlenose dolphin population monitoring scheme

Supported e.g. SCANS

The Seabird Monitoring Programme (SMP)

The Wetland Bird Survey (WeBS)

The Breeding Bird Survey (BBS)



Habitats monitoring

Strategy for habitat monitoring being developed

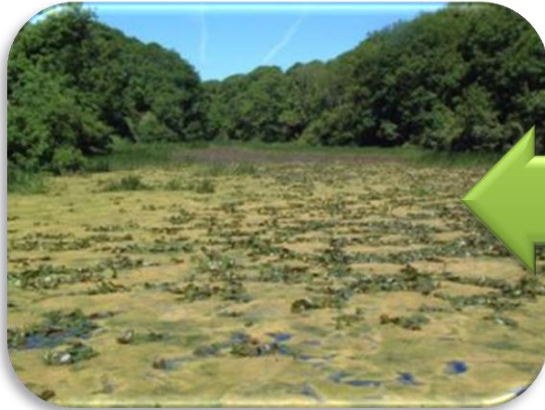
Rely on existing WFD and Habitats Directive monitoring



Network of up to 15 fixed sampling stations

Continuous Plankton Recorder (CPR)

Existing monitoring programmes



Water Framework Directive (WFD);
OSPAR Convention.



CFP managed stocks

National monitoring for non-CFP stocks

Shellfish monitoring will take the form of stock assessments



Beach litter

OSPAR litter in the
stomachs of fulmars

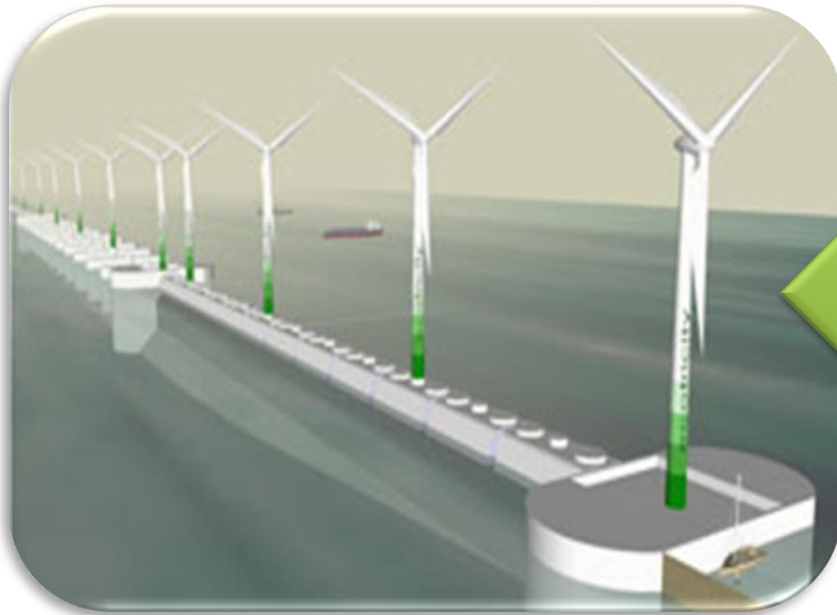
Water Framework Directive (WFD);

Environmental Quality Standards Directive (EQSD);
and

OSPAR Convention



Other approaches

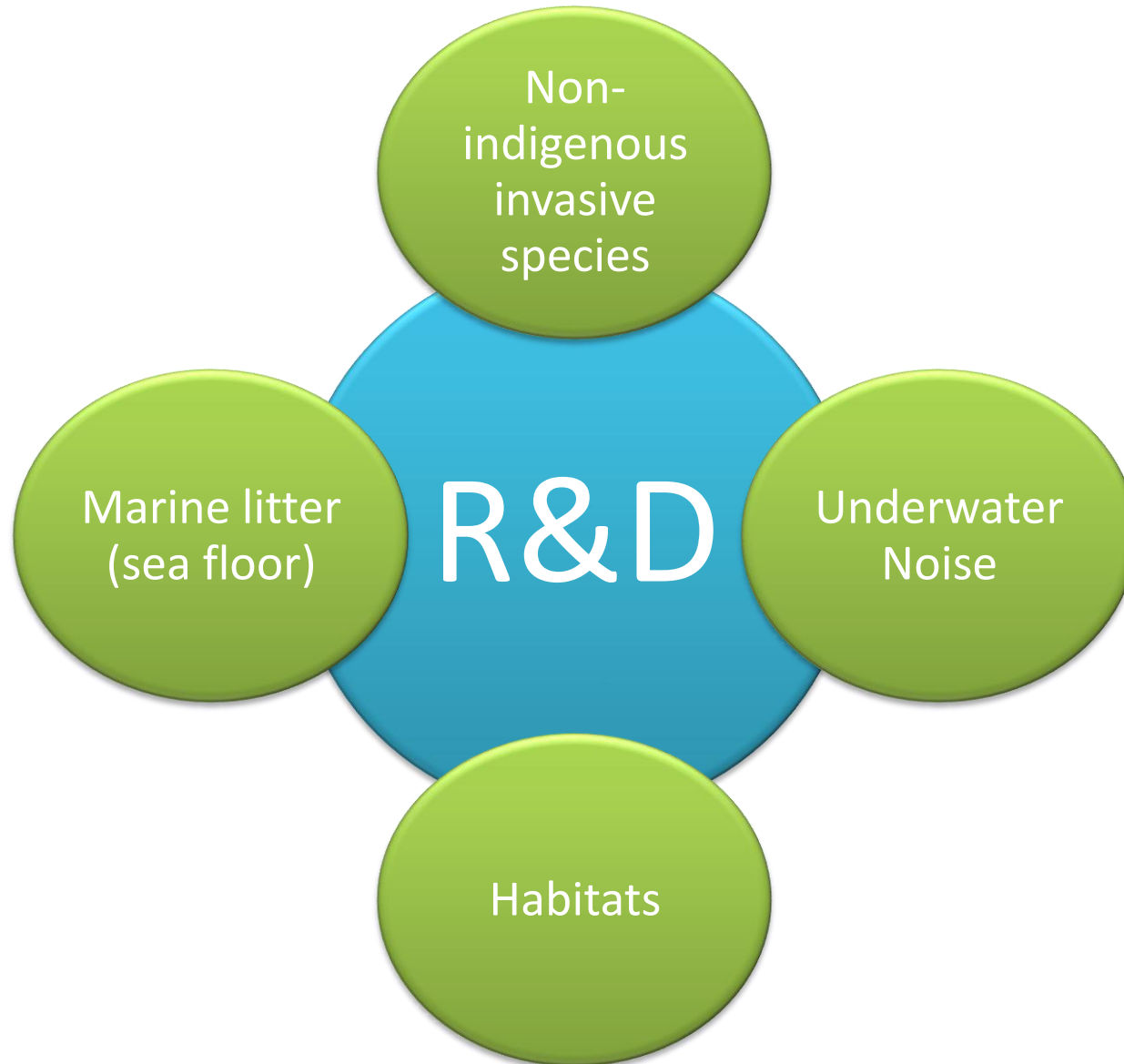


Track and record licensing applications to identify of any proposed developments large enough to have the potential to alter hydrographical conditions

Build on previous retail surveys of seafood and enhance with new investigations into contaminant levels in seafood extracted



Programmes being developed



What do we want?

Question 1: Are the proposed monitoring programmes sufficient to meet requirements of the Directive?

Question 2: Are the proposed monitoring programmes for this Descriptor sufficient to guide progress towards the achievement of GES, and the related targets?

Question 3: are any additional monitoring programmes needed in order to achieve GES and the related targets for this Descriptor?

Question 4: Do you have any suggestions for additional or more effective monitoring programmes?

Next steps

Devolved Administrations will be holding similar meetings with their main stakeholder groups

Stakeholder event 27th January

Consultation ends 2 April

Monitoring Programme finalised: July 2014

Reported to the EC: October 2014



UK Marine Monitoring Programmes

Thank you

<https://www.gov.uk/government/consultations/marine-strategy-framework-directive-measuring-progress-in-uk>

