



Department
for Environment
Food & Rural Affairs

Gaps and next steps

Pathways projects and links to Marine Strategy Framework Directive (MSFD)

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Marine Pathways project

Contribute to the delivery of MSFD
Descriptor 2:

Non-indigenous species introduced by human activities are at levels that do not adversely alter the ecosystem.

Where are we in the MSFD process?

2012

Published Marine Strategy Part One: Initial assessment, characteristics of Good Environmental Status, and targets and indicators

- Lack of information on abundance, distribution and impacts
- UK characteristics:** The risk from pathways and vectors which facilitate the introduction and spread of NIS as a result of human activities is significantly reduced, leading to a reduction in the risk of introducing new species some of which may have adverse impacts.
- UK target 1:** Reduction in the risk of introduction and spread of non native species through improved management of high risk pathways and vectors.
- UK target 2:** Action plans are developed for key high risk marine non indigenous species by 2020.
- Has not been possible to set quantitative targets covering all MSFD indicators.

Where are we in the MSFD process?

2012

Published Marine Strategy Part One: Initial assessment, characteristics of Good Environmental Status, and targets and indicators

2014

Published Marine Strategy Part Two: Marine Monitoring Programmes

- No targeted statutory monitoring programmes, however:
 - several have potential to contribute
 - some already record NIS
- Work conducted to develop monitoring programme
 - MPP – identification of introduction hotspots
 - MPP – potential use of existing monitoring
- Options for developing monitoring programmes are currently being considered.

Where are we in the MSFD process?

2012

Published Marine Strategy Part One: Initial assessment, characteristics of Good Environmental Status, and targets and indicators

2014

Published Marine Strategy Part Two: Marine Monitoring Programmes

2015

Publish Marine Strategy Part Three: Programme of Measures (Dec 2015)

- Some existing measures in place.
- More data is needed before we can say whether additional measures are required.

Where are we in the MSFD process?



Gaps and next steps: Monitoring

- Develop a target species list
 - Work currently being carried out
- Establish a baseline data point
 - Looking to start work April 2015
- Monitoring for NIS already present in UK waters
 - Looking at options to adapt remit of existing statutory monitoring programmes
- Surveillance for NIS not currently present in UK waters
 - Looking at options to develop a risk based surveillance programme targeting hotspot locations

Gaps and next steps: Measures

- UK currently consulting on MSFD programme of measures.
 - Please provide comments on proposals and information on other relevant measures not included.

Questions?

Any questions?