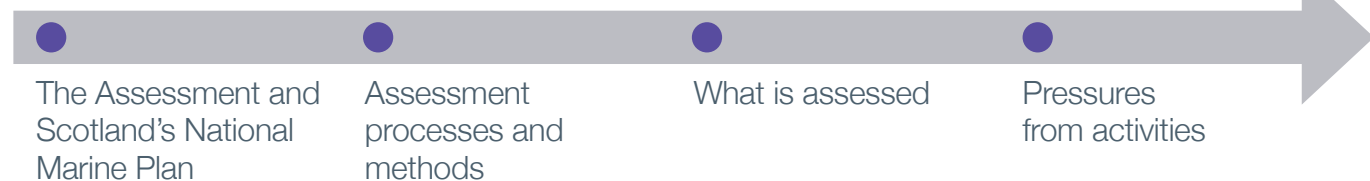


## Scotland's Marine Assessment 2020 portal

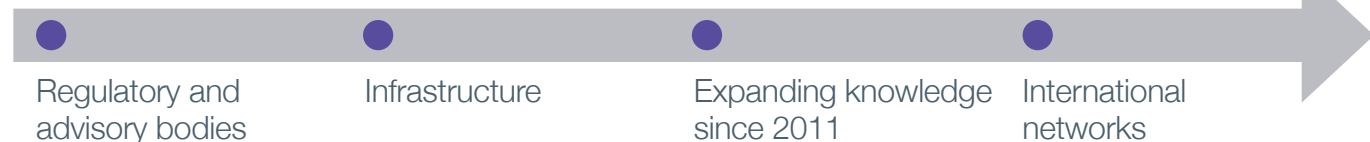
The SMA2020 portal provides the detail of the assessments and a range of case studies that are summarised in the *Headlines and Next Steps*.

The SMA2020 portal, [Marine Scotland Assessment](#), is part of the Marine Scotland Open Data Network (MSODN) which also includes [Marine Scotland Information](#), [Marine Scotland Maps NMPi](#) and [Marine Scotland Data](#). SMA2020 is supported with the MSODN providing links to spatial data layers and appropriate assessment metadata. SMA2020 has been designed to be intuitive and flexible to use on the wide range of platforms available. Sections take their names from the elements of the vision for Scotland's seas being reported e.g. Clean and safe, etc. In addition, there are Topics, for example, Introduction and Climate change, that contain the following material:

### Introduction



### Managing the human activities that have an impact on Scotland's seas



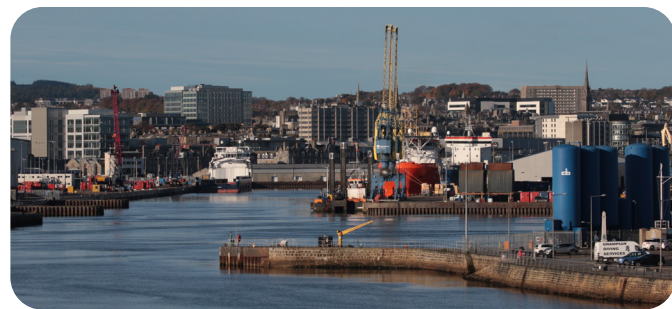
#### Climate change

Assessments of 'What is already happening?' and 'What is likely to happen in future?'.



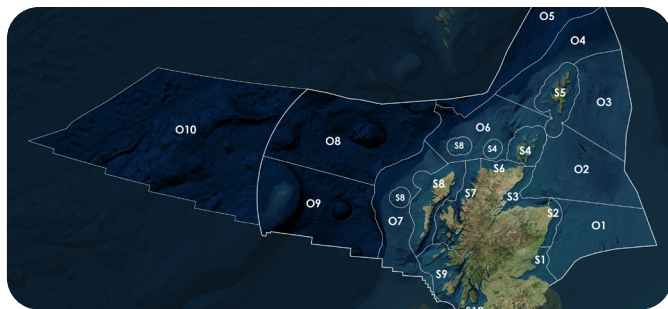
#### Natural capital, ecosystem services and the blue economy

Assessments of the natural benefits from Scotland's seas.



#### Pressures from activities

Results from the MASTS-led expert workshop with an assessment for each Scottish Marine Region (SMR) and Offshore Marine Region (OMR).



#### Regional assessments

Based on the various assessments, a summary for each SMR and OMR.

## Assessments related to the vision for Scotland's seas

A standard structure is used for the assessments related to the vision:

### Clean and safe Healthy and biologically diverse Physical characteristics

Key message

Background

Assessment methods

Results

Conclusion

Knowledge gaps

Status and trend assessment

Links and resources

### Productive

Key message

What, why and where?

Contribution to the economy

Examples of socio-economic effects

Pressures on the environment

Forward look

Economic trend assessment

Links and resources

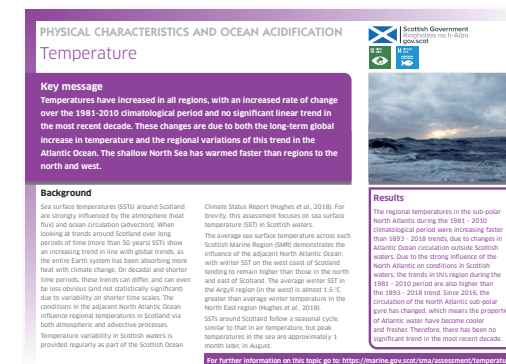
### Pressures from activities

Key to SMA2020 is the summary of significant pressures that are a requirement under the Marine (Scotland) Act 2010. The image below shows an example of the priority pressures table for the Solway SMR, which provides links to other parts of the SMA2020.

[1] Priority	[2] Pressure (FeAST)	[3] Main ecosystem components affected	[4] Main contributing FeAST activity /activities to pressure	Productive assessments
1	Removal of target species (including 10th)	<ul style="list-style-type: none"><li>Commercial fish</li><li>Commercial shellfish</li></ul>	<ul style="list-style-type: none"><li>Bottom otter trawling and pair trawls (OTB, OTT, PTB, TB, TBN)</li><li>Croeling and potting (FPO)</li><li>Dredging (not including hydraulic dredging) (HF, MIS)</li><li>Lino fishing (hand and mechanized line and longlining) (LHP, LHM, LL, LLS)</li><li>Recreational Fishing</li><li>Scallops dredging (DRB)</li></ul>	<ul style="list-style-type: none"><li>Fishing</li></ul>
2	Surface abrasion	<ul style="list-style-type: none"><li>Marine Protected Areas</li><li>Extent of physical damage to seabed habitats</li></ul>	<ul style="list-style-type: none"><li>Bottom otter trawling and pair trawls (OTB, OTT, PTB, TB, TBN)</li><li>Croeling and potting (FPO)</li><li>Scallops dredging (DRB)</li></ul>	<ul style="list-style-type: none"><li>Fishing</li></ul>
3	Removal of non-target species (including 10th)	<ul style="list-style-type: none"><li>Seals</li><li>Cetaceans</li><li>Commercial fish</li><li>Commercial shellfish</li><li>Wider fish community</li><li>Inshore fish (estuaries and reduced salinity sea lochs)</li></ul>	<ul style="list-style-type: none"><li>Aquaculture Finfish</li><li>Bottom otter trawling and pair trawls (OTB, OTT, PTB, TB, TBN)</li><li>Croeling and potting (FPO)</li><li>Intertidal fishing (e.g. bait digging but not bivalves)</li><li>Line fishing (hand and mechanized line and longlining) (LHP, LHM, LL, LLS)</li></ul>	<ul style="list-style-type: none"><li>Aquaculture</li><li>Fishing</li></ul>
4	Underwater noise	<ul style="list-style-type: none"><li>Seals</li><li>Cetaceans</li><li>Commercial fish</li><li>Salmon and sea trout</li><li>Wider fish community</li></ul>	<ul style="list-style-type: none"><li>Aquaculture Finfish</li><li>Military activities – sea surface activity</li><li>Military activities – sonar use</li><li>Shipping</li><li>Tourism &amp; recreation</li></ul>	<ul style="list-style-type: none"><li>Loisuro and recreation</li><li>Dofono (Military)</li><li>Aquaculture</li></ul>

### Printable summaries

Downloadable summary pdfs are available for each of the Physical characteristics and ocean acidification, Clean and safe, Healthy and biologically diverse and Productive assessments.





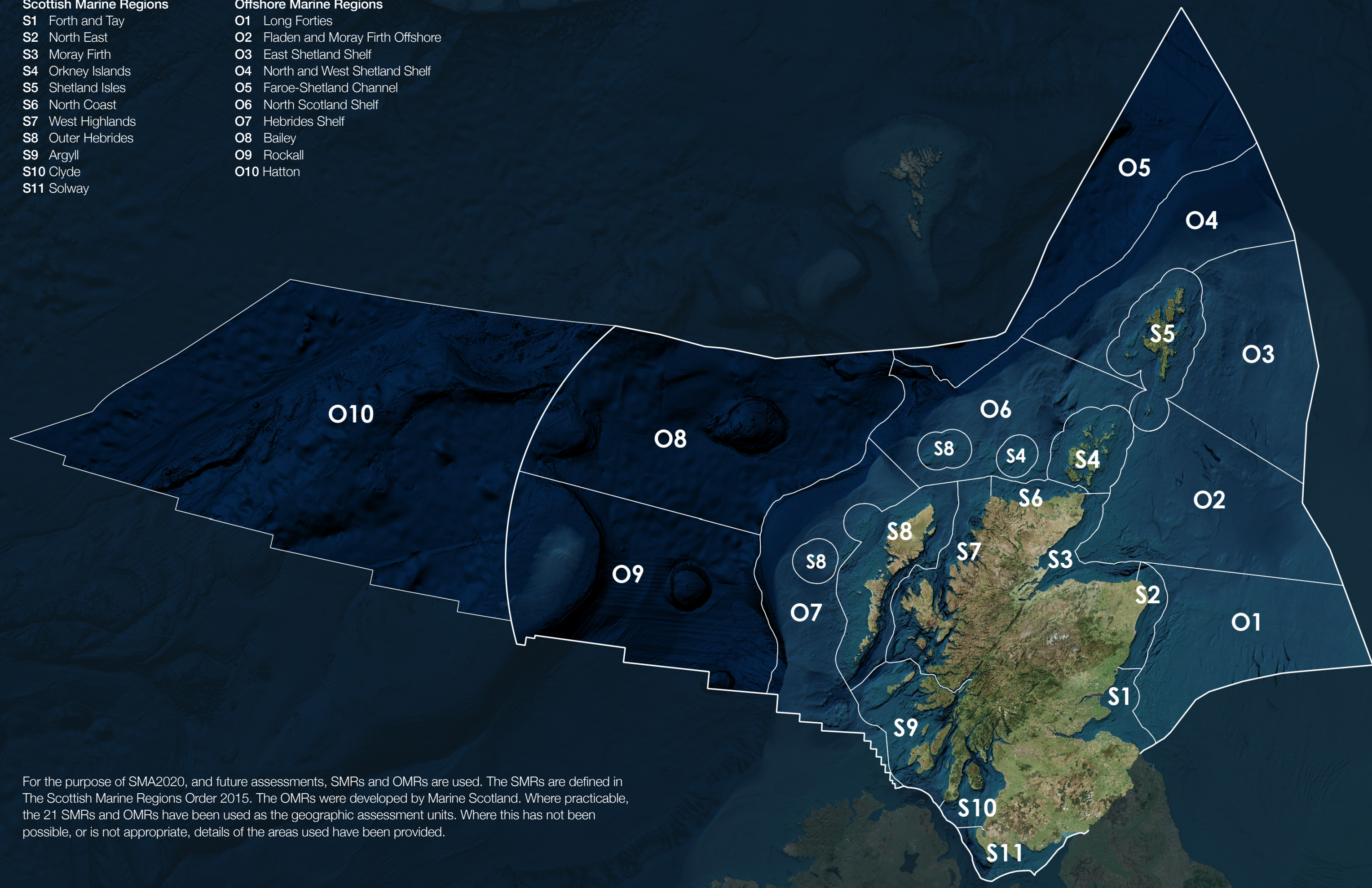
## Key

## Scottish Marine Regions

- S1** Forth and Tay
- S2** North East
- S3** Moray Firth
- S4** Orkney Islands
- S5** Shetland Isles
- S6** North Coast
- S7** West Highlands
- S8** Outer Hebrides
- S9** Argyll
- S10** Clyde
- S11** Solway

## Offshore Marine Regions

- O1** Long Forties
- O2** Fladen and Moray Firth Offshore
- O3** East Shetland Shelf
- O4** North and West Shetland Shelf
- O5** Faroe-Shetland Channel
- O6** North Scotland Shelf
- O7** Hebrides Shelf
- O8** Bailey
- O9** Rockall
- O10** Hatton



For the purpose of SMA2020, and future assessments, SMRs and OMRs are used. The SMRs are defined in The Scottish Marine Regions Order 2015. The OMRs were developed by Marine Scotland. Where practicable, the 21 SMRs and OMRs have been used as the geographic assessment units. Where this has not been possible, or is not appropriate, details of the areas used have been provided.