

Marine Environment: Future Issues

References

The marine planning team have continuously been reviewing available evidence and keeping up to date with issues in the East Marine Plan area. To prepare for the Issues with Supporting Evidence stage in plan making, the team conducted a horizon scanning exercise and identified two priority future issues within our marine planning policy areas. The evidence to support the issues, challenges and opportunities are listed below. If you have any additional or alternative evidence sources, please upload these to the relevant sector.

Air Quality

- 1. Department for Transport and Maritime and Coastguard Agency, 2019. Clean Maritime Plan. Accessed via www.gov.uk/government/publications/clean-maritime-plan-maritime-2050-environment-route-map on 22/05/2024.
- 2. Natural England, 2024. Biodiversity Net Gain, An introduction to the benefits. Accessed via <u>Biodiversity Net Gain Brochure (blog.gov.uk)</u> on 03/06/2024.

Biodiversity

- 1. Research project: Marine Spatial Planning Addressing Climate Effects (MSPACE). Information accessed via www.smmr.org.uk/funded-projects/marine-spatial-planning-addressing-climate-effects/ on 22/05/2024.
- 2. Blog: Environment Agency, 2024. Creating a better place: The Environment Agency's role in Biodiversity Net Gain. Accessed via https://example.com/The-Environment Agency's role in Biodiversity Net Gain Creating a better place (blog.gov.uk) on 03/06/2024.

Disturbance

- 1. Centre for Environment, Fisheries and Aquaculture Science, 2020. Underwater noise effects assessment for Sizewell C: Edition 2. Accessed via Documents | The Sizewell C Project (planninginspectorate.gov.uk) on 22/05/2024.
- 2. National Grid, 2023. seaLink, Preliminary Environmental Information Report.

 Accessed via Sea Link Project | Document library | National Grid ET on 03/06/2024.

Invasive Species

- 1. Evidence gap
- 2. Blog: ABPmer, 2021. Invasive species and the climate crisis. Accessed via <u>Invasive</u> species and the climate crisis ABPmer on 03/06/2024.



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Marine Litter

- European Space Agency, 2021. Marine Litter Aggregation Forecast. Accessed via https://nebula.esa.int/content/marine-litter-aggregation-forecast and links therein on 22/05/2024.
- 2. Online resource: University of Portsmouth. Global Plastics Treaty. Accessed via Global Plastics Treaty Global Plastics Policy Centre (port.ac.uk) on 03/06/2024.

Underwater noise

- 1. The Crown Estate, 2022. Offshore Wind Report. Accessed via Offshore Wind Report 2022 | The Crown Estate on 22/05/2024.
- 2. Fernandez-Betelu et al., 2024. Characterising underwater noise and changes in harbour porpoise behaviour during the decommissioning of an oil and gas platform. *Marine Pollution Bulletin*, 200. Accessed via https://doi.org/10.1016/j.marpolbul.2024.116083 on 04/06/2024.

Net Gain and Natural Capital

- 1. Consultation: Government Response to the consultation on the principles of marine net gain. Accessed via <u>Government response GOV.UK (www.gov.uk)</u> on 03/06/2024.
- 2. Evidence gap.

Marine Protected Areas

- 1. Queirós et al., 2023. Early-warning system: Climate-smart spatial management of UK fisheries, aquaculture and conservation. Accessed via Early-warning system: Climate-smart spatial management of UK fisheries, aquaculture and conservation Request PDF (researchgate.net) on 03/06/2024.
- Consultation: Government Response to the consultation on the principles of marine net gain. Accessed via <u>Government response - GOV.UK (www.gov.uk)</u> on 03/06/2024.

Water Quality

1. Environment Agency, 2021. Landfill and contaminated land at risk from coastal erosion: a guide for professionals managing landfill sites on eroding and low-lying coastlines. Accessed via www.gov.uk/flood-and-coastal-erosion-risk-management-



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- <u>research-reports/landfill-and-contaminated-land-at-risk-from-coastal-erosion</u> on 22/05/2024.
- 2. Mott MacDonald, 2011. Future Impacts on Sewer Systems in England and Wales. Accessed via Mott MacDonald Report Template (ofwat.gov.uk) on 03/06/2024.