

## Marine and Coastal Ecosystem Restoration under the Nature Restoration Regulation

This Policy Brief is part of a series aiming to inform policymakers involved in the implementation of the EU Nature Restoration Regulation (NRR) with policy recommendations based on the results of the BiodivRestore funded projects.

This publication was commissioned and supervised by BiodivRestore and produced by Eli Morrell (Nature^Squared) and Iris Visser (Nature^Squared) with support of Cloé Durieux and Julie de Bouville, designed by Kelly Hartholt.

The key research results presented were co-drafted and validated by coordinators from the BiodivRestore funded projects [MPA4Sustainability](#), [REMOVE\\_DISEASE](#) and [RESTORESEAS](#).

### The BiodivRestore Cofund Action

BiodivERsA and Water JPI launched in October 2020 a joint call to support research on “Conservation and restoration of degraded ecosystems and their biodiversity, including a focus on aquatic systems”. The call was co-funded by the European Commission.

22 research projects were funded through this joint call for 21.3 million euros.

### References and Resources

#### MPA4Sustainability

- [MPA4Sustainability project page](#)
- End [presentation](#) Biodiversa conference
- End report

#### REMOVE\_DISEASE

- [REMOVE\\_DISEASE project page](#)
- [REMOVE\\_DISEASE project website](#)
- Boulinier, T. 2023. [Avian influenza spread and seabird movements between colonies](#). Trends in Ecology & Evolution 38: 391-395.
- End [presentation](#) Biodiversa conference
- End report

#### RESTORESEAS

- [RESTORESEAS project page](#)
- [RESTORESEAS project website](#) (which includes a number of publications offering relevant insights)

- Practical restoration guides for practitioners: found [here](#).
- End [presentation](#) Biodiversa conference
- End report

#### Other

- The [EU Nature Restoration Regulation](#)

**Table 1: Overview of recommendation linkages to NRR Articles and key supporting evidence and tools**

NRR Article	Recommendation	Evidence base
Article 4, Article 5 & Article 14	Utilise spatial risk mapping to prioritise marine restoration areas	MPA4Sustainability (MPA Management Explorer; cumulative risk assessment)
Article 15	Integrate climate resilience into marine restoration design	RESTORESEAS (climate-resilient restoration planning and habitat suitability assessments)
Article 20 & Article 21	Establish standardised monitoring and reporting frameworks to track restoration progress	MPA4Sustainability (standardised biodiversity indicators, eDNA)
Article 15	Integrate disease and biosecurity risks into restoration planning	REMOVE_DISEASE (disease surveillance, invasive species management)
Article 14, Article 4 & Article 5	Integrate socio-ecological assessments into marine restoration planning	MPA4Sustainability (socio-ecological modelling, management scenario testing, and assessment of ecological and human-use interactions)
Article 5 & Article 14	Develop a national marine restoration toolbox	RESTORESEAS (habitat assessment methods, translocation approaches, and practical restoration guidance)
Article 18	Strengthen coordination across marine restoration policies and authorities	MPA4Sustainability (transboundary governance analysis and comparison of legal and management frameworks in the Øresund region)