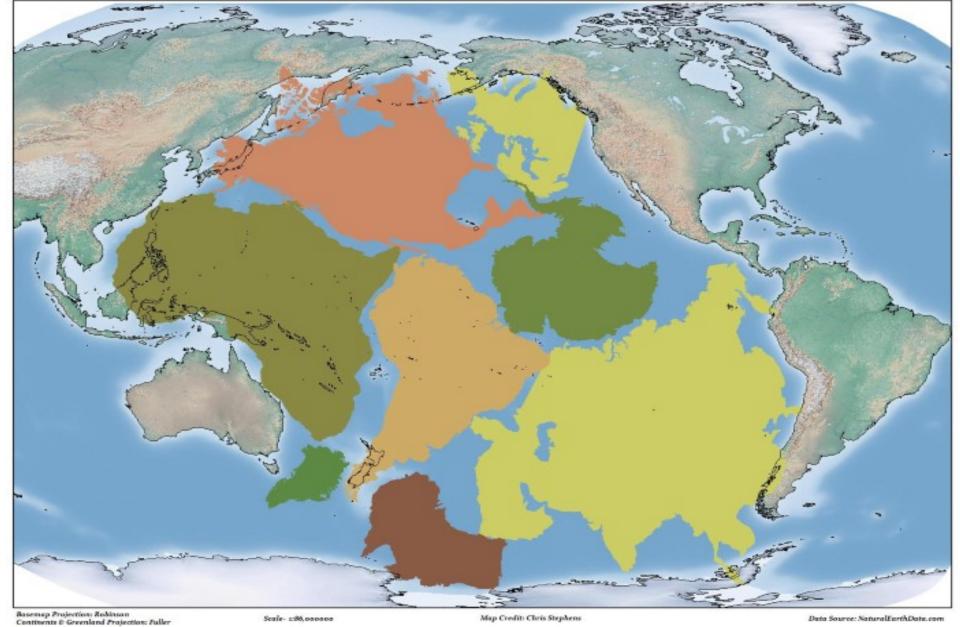
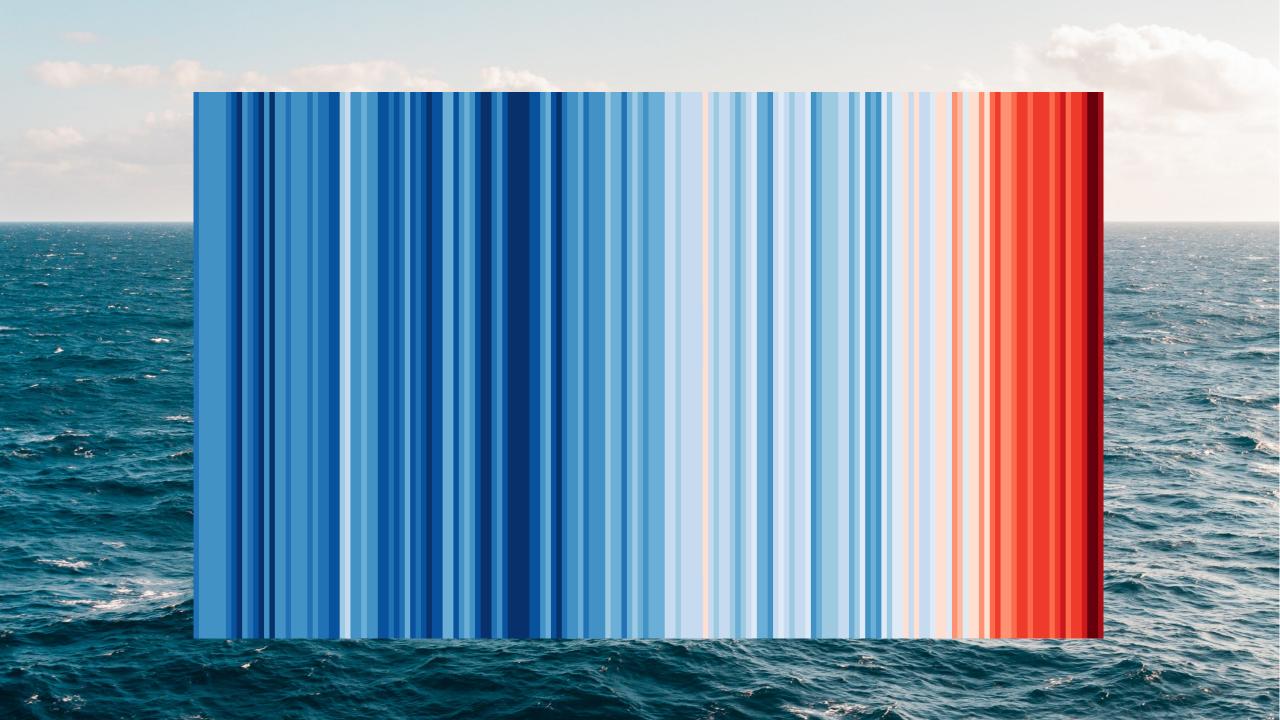


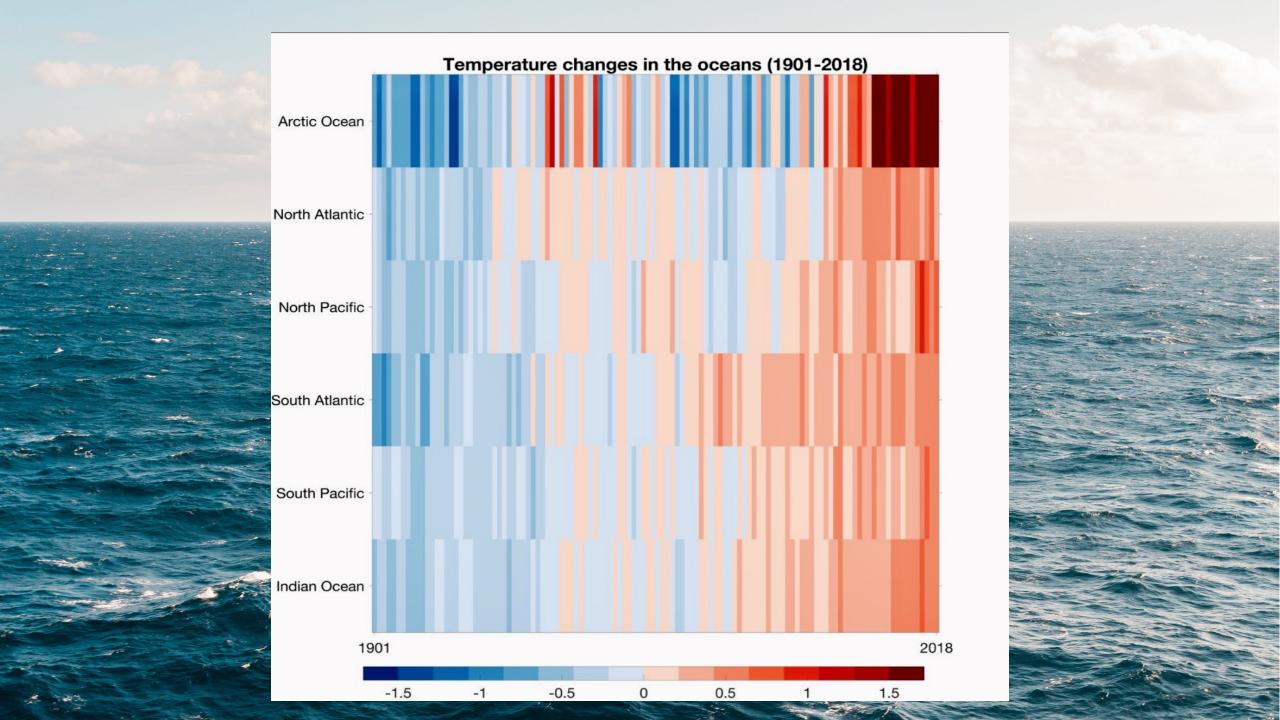
Towards A Sustainable Ocean Economy

Maritime Clean Tech Annual Conference 28 November 2019

The Continents and Greenland in the Pacific Ocean









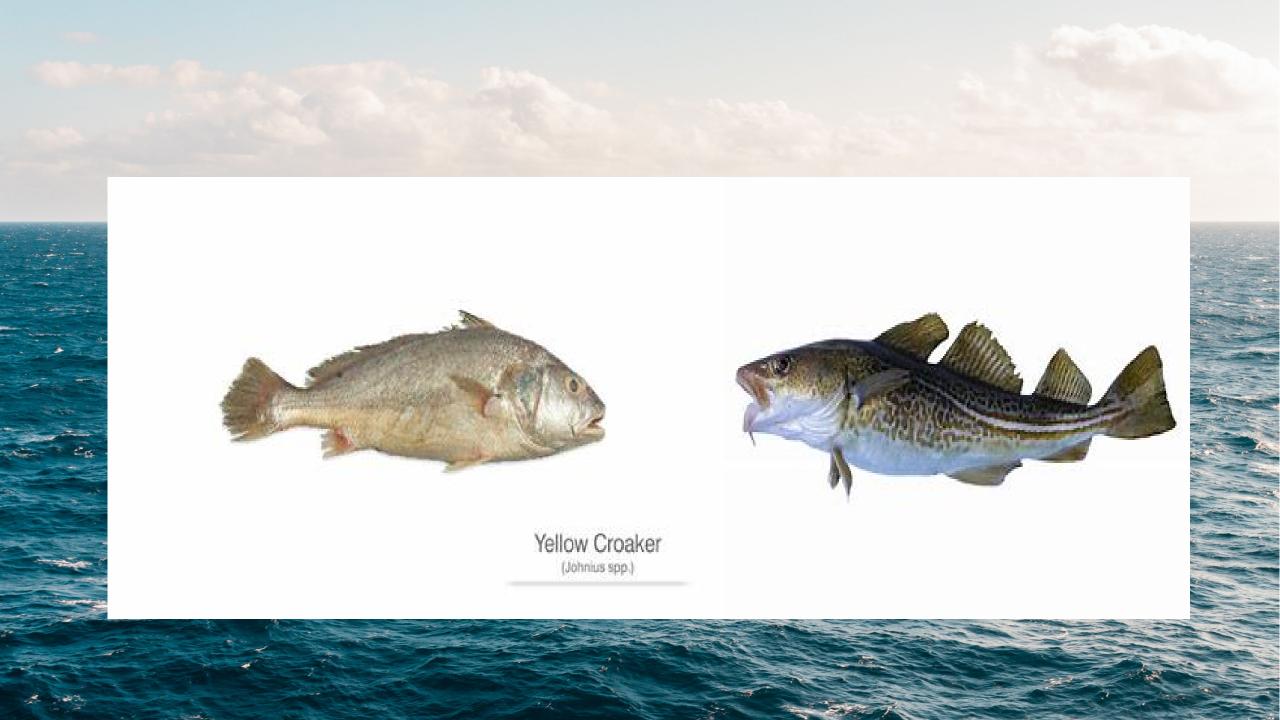
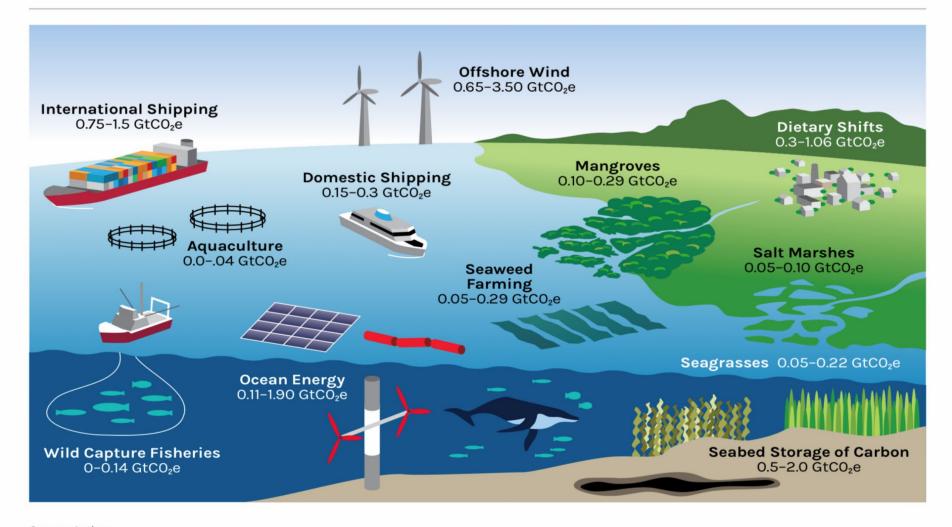






Figure ES-1. Ocean-based Mitigation Options Explored in This Report and Associated Annual Mitigation Potential in 2050

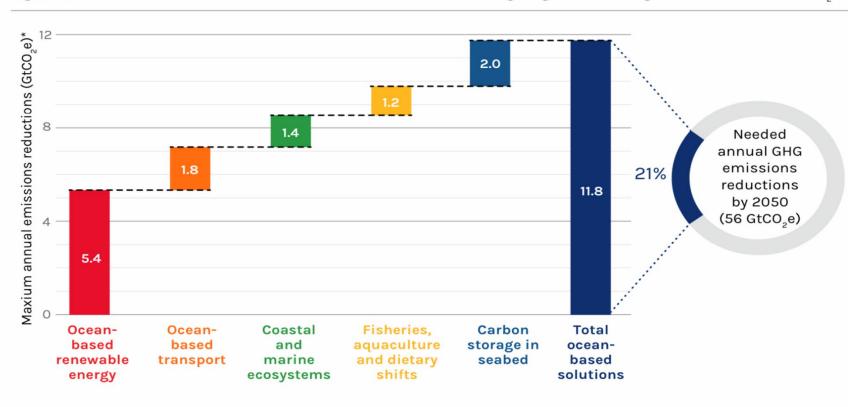


Source: Authors

Notes: * To stay under a 1.5°C change relative to pre-industrial levels

Source: Authors

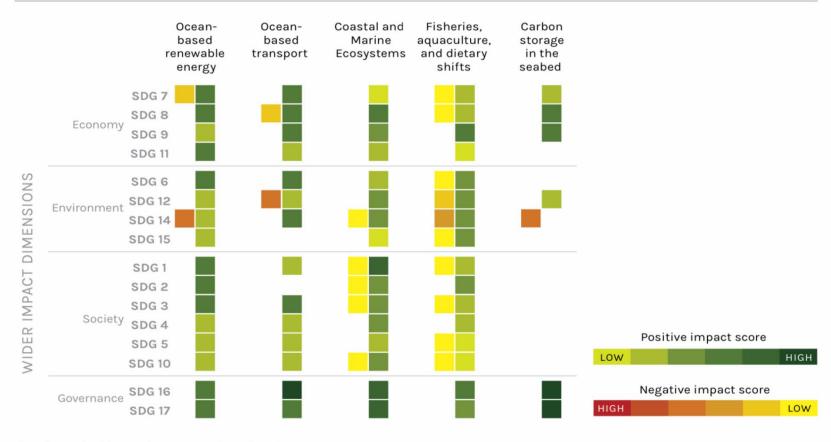
Figure ES-4. Contribution of Five Ocean-based Climate Action Areas to Mitigating Climate Change in 2050 (Maximum GtCO₂e)



Notes: * To stay under a 1.5°C change relative to pre-industrial levels

Source: Authors

Figure ES-5. Summary of Wider Impact of Ocean-based interventions on Sustainable Development Dimensions



List of Sustainable Development Goals reviewed:































Source: Authors

Notes: Wider-impact dimensions cover various sustainable development dimension indicators as well as 2030 Sustainable Development Goals (SDG). The figure shows the relative strength of the relationship between the ocean-based areas of interventions and the SDGs. The relationship between each ocean-based mitigation option and SDG is given a linkage score, positive scores shown by green boxes and negative scores shown by yellow/red boxes. Scores range from +3 (indivisible) to -3 (cancelling) (Nilsson et al. 2016). A zero score (no bar and no colour) means no impact was found in this review of the literature. For intervention areas where there is more than one mitigation option, an average of the linkage score is taken among the mitigation options in that area. Further information on the linkage scores and the associated confidence levels are provided in the Annex.











"Major strategic global policy shifts" required

End overfishing

Massively invest in non-fed mariculture
Identify and scale new feed alternatives for fed species
Proper ocean and fisheries management
Effective action on climate and pollution



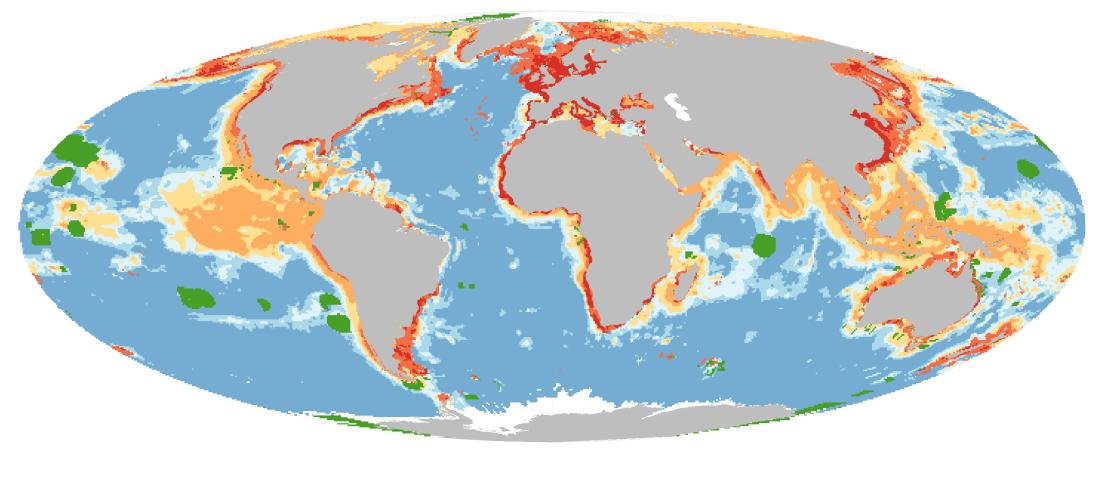
www.oceanpanel.org



Emerging insights

Climate, biodiversity, food production

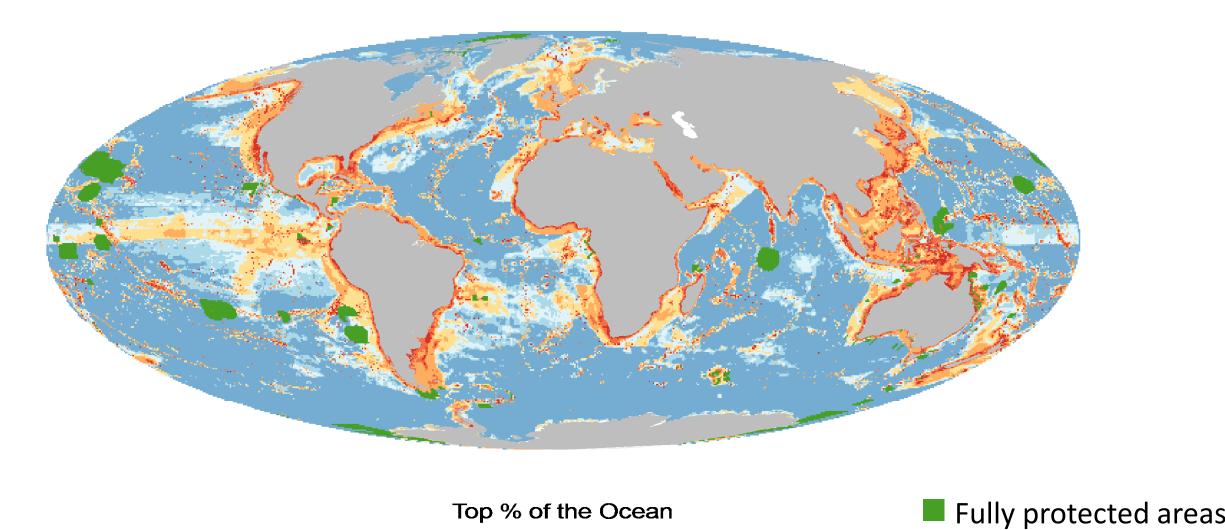
Carbon





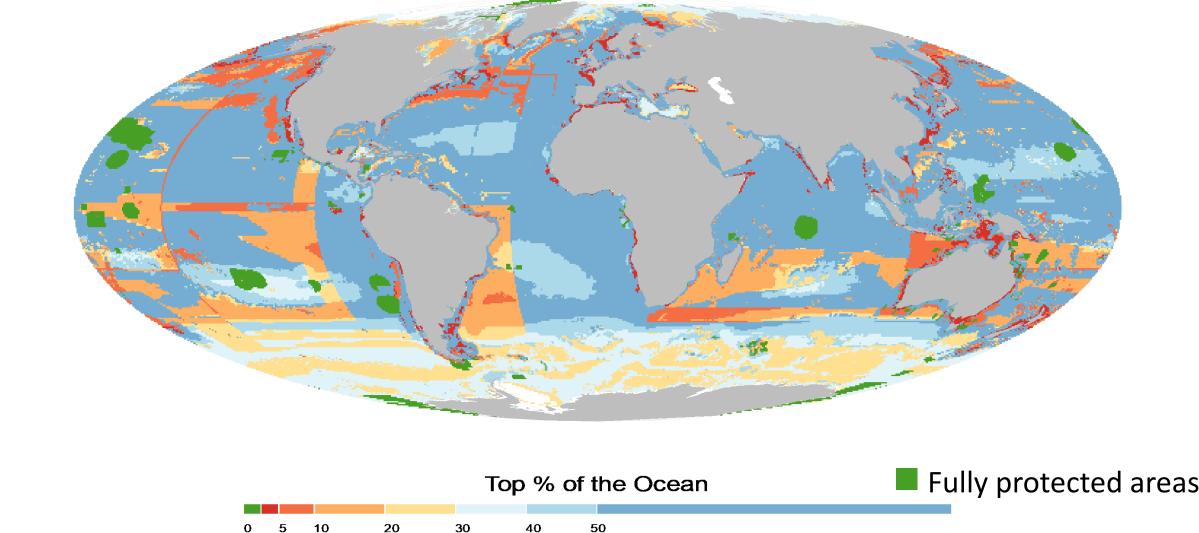


Biodiversity

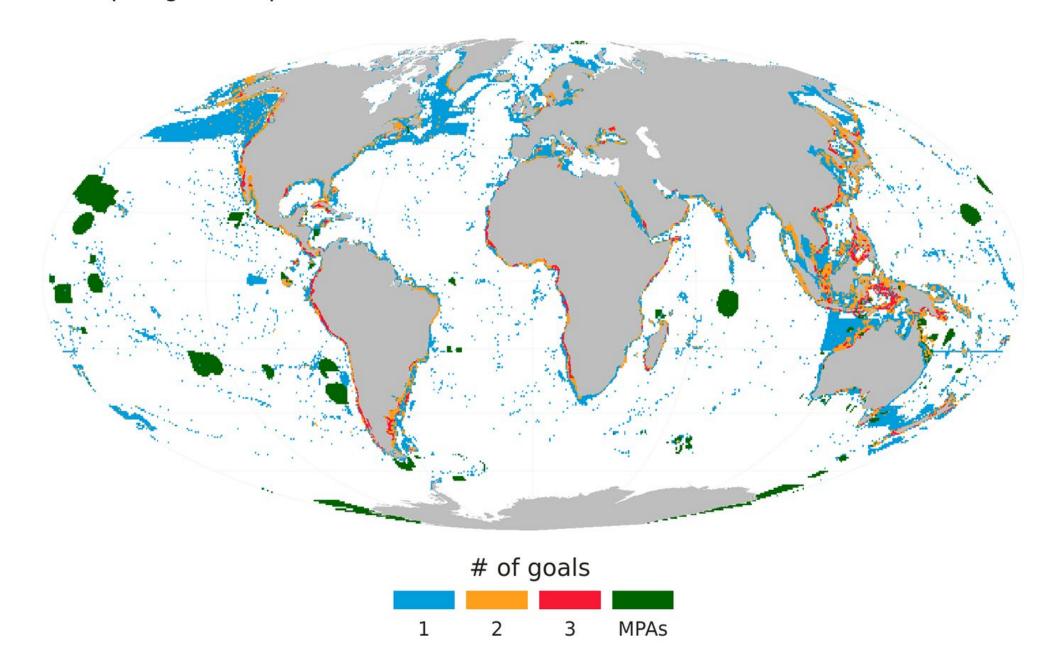


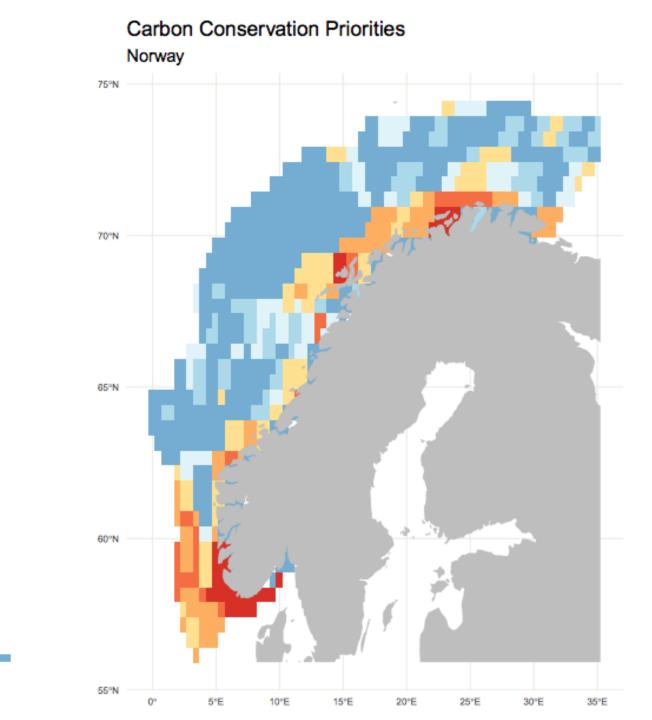


Food production

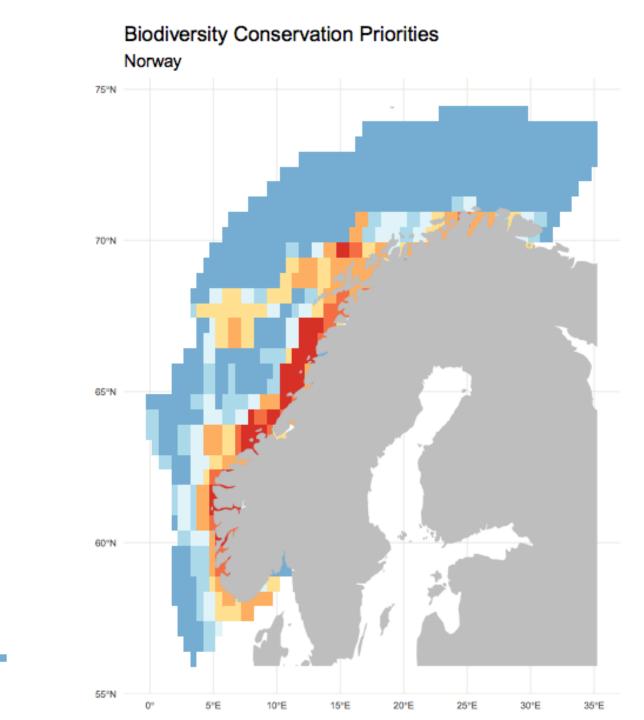


B. Overlap of goals (top 10%)

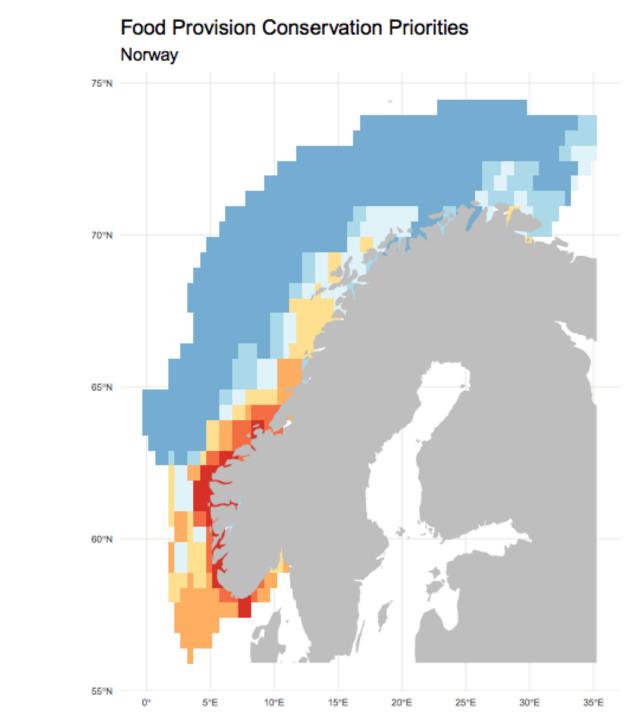




Top % of EEZ



Top % of EEZ



Top % of EEZ