



| CONVENTIONS | EXISTING EFFORTS | RELEVANCE FOR OA |
|--|--|--|
| <p>OSPAR Commission – organized by Work Areas</p>  | <p>Biological Diversity and Ecosystems – Including through: MPAs, Biodiversity Monitoring & Assessment, (Monitoring: CEMP)</p> | <p>Monitor Adaptation, Report</p> |
| | <p>Hazardous Substances and Eutrophication - Including through: HASEC (MIME, INPUT, ICG Eut, ICG EMO) (Monitoring: CAMP, RID, CEMP, JAMP, HARPNU, EMEP)</p> | <p>CO₂ Reduction, Stressor Reduction, Monitor, Report</p> |
| | <p>Human Activities – Including through: EIHA with Marine Litter (ICG ML including ML RAP for plastic), Cumulative Effects (ICG EcoC), Shipping & Ballast Water, Dredging & Dumping, Fisheries & Mariculture</p> | <p>Stressor Reduction, Monitor, CO₂ Reduction</p> |
| | <p>Cross-cutting issues – Including through: OA - OSPAR’s Intersessional Correspondence Group on Ocean Acidification (ICG-OA) OA Assessment, Work on OA with partners from: IOC and ICES (SGOA), Climate Change, both OA and CC added to North-East Atlantic Environment Strategy 2030, (Monitoring: CEMP, JAMP)</p> | <p>Monitor, Research, Report, CO₂ Reduction, Stressor Reduction, Adaptation</p> |
| <p>Helcom – organized by Working Groups</p>  | <p>State & Conservation – Including through: EN Clime, EG Benthic, EG Eutro, EG Haz</p> | <p>Monitor, Research, Report, CO₂ Reduction, Stressor Reduction, Adaptation</p> |
| | <p>Maritime – Including through: JTG Ballast & Biofouling</p> | <p>Monitor, Research, Report, CO₂ Reduction, Stressor Reduction</p> |
| | <p>Pressure – Including through: EG DreDS, EG Marine Litter, EG RedCore</p> | <p>Monitor, Report, CO₂ Reduction, Stressor Reduction</p> |
| | <p>Agri</p> | <p>CO₂ Reduction, Stressor Reduction</p> |
| | <p>Fish – Including through: Fish M</p> | <p>Report, Monitor, Adaptation, Stressor Reduction</p> |
| | <p>HELCOM-VASAB MSP</p> | <p>Monitor, Research, Report, Adaptation</p> |
| <p>Arctic Council – organized by Working Groups</p>  <p>ARCTIC COUNCIL</p> | <p>AMAP – Including through: Assessment on Arctic OA 2013, 2018; Scoping outline for AMAP-CAFF joint-work on Climate change impacts on Arctic ecosystems and associated climate feedbacks</p> | <p>Monitor, Report, Research, CO₂ Reduction</p> |
| | <p>CAFF – Including through: Circumpolar Biodiversity Monitoring Programme (CBMP); Arctic Biodiversity Assessment (ABA): Report for Policy Makers 2013; Arctic Biodiversity Assessment (ABA): Report for Policy Makers 2013 (policy recommendations); Actions for Arctic Biodiversity 2013-2021: implementing the recommendations of the Arctic Biodiversity Assessment (ABA)</p> | <p>Monitor, Report, Research, CO₂ Reduction, Stressor Reduction, Adaptation</p> |
| | <p>PAME – Including through: Arctic Marine Shipping Assessment (AMSA) 2009; Survey’ of wastewater discharges; Arctic Offshore Oil and Gas Guidelines 2009, 2017; Framework for a Pan-Arctic Network of Marine Protected Areas 2015 & 2021-2023 update assessment</p> | <p>CO₂ Reduction, Stressor Reduction, Adaptation,</p> |

| DIRECTIVES | LEGAL AND MANAGEMENT RESPONSES TO OCEAN ACIDIFICATION – EUROPEAN FRAMEWORKS | | | | |
|---------------------------|---|--|--|---|--|
| | OA MONITORING Measure, Evaluate/ Assessment | OA REPORTING Document and Share OA information | OA RESEARCH Set OA Research Priorities | MITIGATION & REMEDATION CO ₂ and Pollution | ADAPTATION AND RESILIENCE BUILDING |
| MSFD | pH and equivalent OA indicators, oxygen and nutrients. | Reporting after reviews and updates of marine strategies including on monitoring programs, and the determination of GES (especially descriptor 5 and 7). Interim report on the implementation of programs of measures. | | | Marine Protected Areas (networks) |
| MSPD | | Reporting of the Maritime Spatial Plans and explanatory materials by each Member State. | | | Marine Protected Areas as part of MSP |
| WFD | Especially: Oxygen and nutrient conditions. | Reporting on: Monitoring programs, the human impacts on surface water status and the implementation of the programs of measures. | | | Marine protected Areas (facilitative) |
| NITRATES DIRECTIVE | Eutrophic state. | Reporting on: water (possibly) affected by pollution, monitoring results and the action programs implemented by Member States. | | Reduction of nutrient input | Reduction of nutrient input |
| HABITATS DIRECTIVE | Conservation status of natural habitats and species -> all parts influencing the long-term natural distribution, structure, and functions of habitats as well as the long-term survival of its typical species and the long-term distribution and abundance of species. | Reporting on: Conservation measures for protected areas, their effect on the conservation status of the natural habitats and species and the results of the monitoring. | Research facilitates the monitoring process and the achievement of favorable conservation status | | Framework for Marine Protected Areas (Natura 2000) |
| BIRDS DIRECTIVE | | Reporting on the national implementation of the obligations under this directive (e.g., the establishment of MPAs). | Particular attention on the role of species as pollution indicators and the effects of chemical pollution on bird populations. | | Framework for Marine Protected Areas (Natura 2000) |