**Factsheet for new measures**

*This measure fact sheet is the result of coordination between the UBA project Implementation of the Marine Strategy Framework Directive (MSFD) in Bulgaria – Development of Programmes of Measures under Article 13', carried out by Fresh Thoughts/Intersus, and the EC project (DG Environment) 'Technical and administrative support for the joint implementation of the Marine Strategy Framework Directive (MSFD) in Bulgaria and Romania – Phase 2', carried out by ARCADIS-Belgium.*

|  |  |  |
| --- | --- | --- |
| **Measure characteristics** | Management area:   * *Black Sea*   *Any other codes* | Code:  *MSFD reporting code*  No. of measure:  *MSFD measure list* |
| **Measure title** |  | |
| **Short, precise description of the measure** |  | |
| **EU measure category** | *Categorisation of the measure in accordance with the “PoM Recommendations”:*   * *Category 2a: Additional measures to achieve and maintain GES which build upon existing implementation processes regarding other EU legislation and international agreements but go beyond what is already required under these.*   + *Including clear references to the legislation/agreement (e.g. Habitats Directive)* * *Category 2b: Additional measures to achieve and maintain GES which do not build upon existing EU legislation or international agreements.* | |
| **Key Types of Measures** | *KTMs as defined in the „PoM Recommendations“. Measures can be categorised in one or multiple KTMs.*   | N° | Additional KTMs for MSFD reporting | x | | --- | --- | --- | | 26 | Measures to reduce physical loss[[1]](#footnote-1) of seabed habitats in marine waters (and not reported under KTM 6 in relation to WFD Coastal Waters) |  | | 27 | Measures to reduce physical damage[[2]](#footnote-2) in marine waters (and not reported under KTM 6 in relation to WFD Coastal Waters) |  | | 28 | Measures to reduce inputs of energy, including underwater noise, to the marine environment |  | | 29 | Measures to reduce litter in the marine environment |  | | 30 | Measures to reduce interferences with hydrological processes in the marine environment (and not reported under KTM 6 in relation to WFD Coastal Waters) |  | | 31 | Measures to reduce contamination by hazardous substances (synthetic substances, non-synthetic substances, radio-nuclides) and the systematic and/or intentional release of substances in the marine environment from sea-based or air-based sources |  | | 32 | Measures to reduce sea-based accidental pollution |  | | 33 | Measures to reduce nutrient and organic matter inputs to the marine environment from sea-based or air-based sources |  | | 34 | Measures to reduce the introduction and spread of non-indigenous species in the marine environment and for their control |  | | 35 | Measures to reduce biological disturbances in the marine environment from the extraction of species, including incidental non-target catches |  | | 36 | Measures to reduce other types of biological disturbance, including death, injury, disturbance, translocation of native marine species, the introduction of microbial pathogens and the introduction of genetically-modified individuals of marine species (e.g. from aquaculture) |  | | 37 | Measures to restore and conserve marine ecosystems, including habitats and species |  | | 38 | Measures related to Spatial Protection Measures for the marine environment (not reported under another KTM) |  | | 39 | Other measures |  | | |
| **Environmental targets** | *Categorisation of the measures in accordance with the nationally defined operational environmental objectives.* | |
| **Descriptors** | *Categorisation of the measures to the descriptors in lined with Annex 1 MSFD. The descriptors are identified by their short form:*  *D1- Biodiversity*  *D2 – Non-native species*  *D3 – State of commercial fish and shellfish stocks*  *D4 – Food web*  *D5 – Eutrophication*  *D6 – Seabed*  *D7 – Hydrographic conditions*  *D8 – Pollutants*  *D9 – Contaminants in food*  *D10 – Marine litter*  *D11 – Energy lines* | |
| **Main pressures** | *Using the analysis carried out in 2012 as a basis, categorisation of the measures in accordance with the pressures defined in Annex 3 MSFD, Table 2:*   * *Physical loss* * *Physical damage* * *Other physical disturbance* * *Interference with hydrological processes* * *Contamination from hazardous substances* * *Systematic and/or international release of substances* * *Nutrient and organic matter enrichment* * *Biological disturbances.* | |
| **Main drivers** | *The sectors/activities targeted by the measure* | |
| **Characteristics** | *Using the analysis carried out in 2012 as a basis, categorisation of the measures in accordance with the characteristics defined in the “PoM Recommendations”:*   * *Marine and coastal birds* * *Marine mammals* * *Reptiles* * *Fish* * *Cephalopods* * *Benthic habitats* * *Pelagic habitats* | |
| **Link to other directive/legislation/policy** | *Aligning objectives with other legal commitments* | |
| **Necessity for transnational regulation** | *Information as regarding the necessity for regulations at EU, regional and international level to achieve MSFD environmental objectives.* | |
| **Instrument for implementation/** **Mode of action** | *Stating the implementation process in line with the „PoM Recommendations“; multiple options possible:*   * *Legal* * *Technical* * *Political* * *Economic*   *Potentially also stating additional concrete instruments useful for implementation* | |
| **Spatial reference** | *i.e. the spatial impact of the measure: whole Black Sea, regional, local* | |
| **Contribution of the measure to achieving the target** | *– using technical information* | |
| **Transboundary impact** | *Information on the impact of the measures on transboundary neighbours* | |
| **Costs** | *costs for the implementation* | |
| **Effectiveness** | *Effectiveness of the measure in reaching targets (either qualitative description, or according to indicators: indicators for environmental targets and for GES, proposal for statistical indicators in support of Art. 18 interim reports* | |
| **Socio-economic assessment** | * *Result CEA* * *Result CBA* | |
| **Coordination** | *Selection of the governance level that will coordination the implementation of the measures, i.e. local, national Regional, bilateral* | |
| **Technical feasibility** | *Options:*   * *Frequently applied, Best Available Technologies (BAT)* * *Frequently applied; extensive experience / evidence of good practice* * *Applied; limited experience / uncertainties* * *New development* | |
| **Body responsible for the measure implementation** |  | |
| **Financing opportunities** | *Including EU-cofinancing* | |
| **Planning of implementation** | *2016? Later?*  *Exceptions (Article 14)?* | |
| **Difficulties in implementation** | *Provide information on the potential challenges that could likely faced in implementation.* | |
| ***Supporting information for SEA*** | | |
| **Additional values for protection (outside MSFD)** | *Results from the SEA process e.g. climate, air, soil terrestrial ecosystems, monument protection* | |
| **Reasonable alternatives** | *Description of identified alternatives including the baseline* | |

1. Measures relating to placement of infrastructure and landscape alterations that introduce changes to the sea-floor substratum and morphology and hence permanent loss of marine habitat. [↑](#footnote-ref-1)
2. Measures which address other types of sea-floor disturbance (e.g. bottom fishing, gravel extraction) which can change the nature of the seabed and its habitats but which are not of a permanent nature. [↑](#footnote-ref-2)