**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.*

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| --- | --- | --- |
| **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 |  |

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| **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)