

LIST OF INVESTMENTS AND CRITERIA HAVING STRONG NEGATIVE IMPACT ON THE MARINE ENVIRONMENT

- I. In accordance with applicable legislation in the Republic of Poland investments located in marine areas (or having an impact on the marine environment), demanding to carry out a strategic environmental impact assessment include the following groups of objects and installations (without affecting their size or parameters):
- 1) nuclear power plants and other nuclear reactors, including their liquidation;
 - 2) installations using wind energy to produce electricity localized in marine areas;
 - 3) subsea power stations or power lines;
 - 4) installations for the transfer of crude oil, petroleum products, substances or mixtures of non-food products, including gas, located in marine areas;
 - 5) installations for the transfer of carbon dioxide for underground storage, together with associated compressor stations or reduction stations;
 - 6) mining or processing of crude oil and its derivatives and natural gas in marine areas;
 - 7) ports or harbors, including port infrastructure serving for loading and unloading connected to land or located outside the coastline, to handle ships with a capacity of more than 1 350 t, excluding the ferry harbors;
 - 8) underground storage of carbon dioxide;
 - 9) underground non-reservoir storage of substances;
 - 10) extracting minerals from deposits in sea areas other than those referred to in paragraph 6;
 - 11) prospecting or exploration of mineral deposits in marine areas;
 - 12) prospecting or exploration of complex underground carbon dioxide storage in marine areas;
 - 13) acquisition of land as a result of sustained deposit in marine areas;
 - 14) shipyards or repairyards;
 - 15) projects of coastal protection and to safeguard against the influence of the sea, as well as other projects which entail a change in the coastal zone, including dikes, jetties, piers, with the exception of maintenance or reconstruction.

Question:

What types of investments in marine areas pose the need to carry out a strategic environmental impact assessment in your country?

- II. The criteria which have a strong negative impact on the environment in maritime areas include:
- 1) noise (including sonar devices) and vibration related to the investment realization;
 - 2) changes in water temperature;
 - 3) chemistry changes (physico-chemical properties) of water;
 - 4) change of the shape of the seabed;
 - 5) the change of seabed surface development affecting the functioning of habitats (subsea power and communications cables and pipelines for oil and gas) placed below the bottom surface or on its surface,
 - 6) research, including exploration wells in the seabed;
 - 7) surface extraction of marine aggregates;
 - 8) dredging fairways, approaching fairways, roads of harbours including anchorages;

- 9) exploitation of aggregates, heavy metals and other substances from the depths of the sea bed;
- 10) waste retention, including retention of chemical warfare agents;
- 11) excessive radiation power;
- 12) obstacles on the bottom and midwater hindering the development and movement of species (foundations and towers for wind turbines, foundations and supports transformer stations and drilling platforms for the extraction of hydrocarbons);
- 13) introduction of invasive species to the marine environment (e.g. from ballast tanks or refugee from cultures);
- 14) marine pollution (discharges of hazardous substances, maritime disasters);
- 15) landward marine pollution (discharges of communal, industrial sewage and brine from geothermal sources in coastal areas), infusions of contaminated water courses (rivers and canals);
- 16) construction of wind farms in the vicinity of the flyways of birds;
- 17) realization of disruptive projects in the area of habitat of seabirds;
- 18) carry out disruptive projects in the leisure area of birds.

Question:

Are the above criteria applied and in what parts of your marine areas? Are there delimitations of size applied (the power of impact) having an impact on different conduction of a strategic environmental impact assessment?