

Naturvårdsverket
Avdelningen för planering, prövning och tillsyn
106 48 STOCKHOLM

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Statement regarding the Polish notification pursuant to Article 3 of the Espoo Convention about the planned offshore wind farm project named ‘Baltica 1 OWF’

The Swedish Meteorological and Hydrological Institute (SMHI) acknowledges the opportunity given by the Polish General Directorate for Environmental Protection to supply a view on the proposed plans.

SMHI wishes to emphasize the cumulative effects the large number of wind farms, existing and planned, could impart on the severe oxygen deficit in the deep waters of the central Baltic Sea. Although the environmental impact from a single wind farm can be considered negligible, the aggregated effect may be large enough not to be ignored.

Also, wind farms influence the mixing in the surface layer of the surrounding sea through leeward atmospheric wakes, with future large-scale development scenarios having a potential impact on marine ecosystem processes.

SMHI has the opinion that the relevant authorizing authorities should consider the above in each decision regarding projects in the current area.

Director Core Services Bodil Aarhus Andrae has decided on this matter prepared by Jörgen Öberg.

For SMHI

Bodil Aarhus Andrae
Director Core Services

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