

Naturvårdsverket
Avdelningen för planering, prövning och tillsyn
106 48 STOCKHOLM

Datum 2022-09-23
SMHI Dnr 2022/1825/10.1
Er ref NV-07646-22

registrator@naturvardsverket.se

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 existing and planned wind farms in the southern parts of the Baltic Sea 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

SMHI – Sveriges Meteorologiska och Hydrologiska Institut

Postadress SMHI 601 76 • NORRKÖPING • Växel 011-495 80 00 • Fax 011-495 80 01

Huvudkontor SMHI

Besöksadress Folkborgsvägen 17
601 76 NORRKÖPING

SMHI

Besöksadress Stationsgatan 23, 6 tr
753 40 UPPSALA

SMHI

Besöksadress Sven Källfelts Gata 15
426 71 VÄSTRA FRÖLUNDA