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2025-12-03 Case number:
 NV-07916-23

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Supplementary consultation in accordance with Articles 4 and 5 of the Espoo Convention on Environmental Impact Assessment in a Transboundary Context (Espoo Convention) regarding a planned offshore wind farm “Bothnia Offshore Sigma” in Sweden’s exclusive economic zone.

On the 2nd of June 2025, the Swedish Environmental Protection Agency (SEPA) invited Finland to participate in consultation regarding the application and EIA for planned offshore windfarm “Bothnia Offshore Sigma”. Finland replied with comments received from authorities and organizations on the 13th of August 2025.

The developer has now prepared replies to received comments during the transboundary consultation alongside with further investigations and reports. The SEPA noted in Finland's earlier reply, the request for further consultation and sees this response from the developer to Finland's comments as a continuation of the ongoing consultation.

In accordance with Articles 4 and 5 of the Convention on Environmental Impact Assessment in a Transboundary Context (Espoo Convention), Sweden hereby invites authorities and organizations in Finland that contributed with comments in prior consultation to review attached replies, and if needed, present further comments based on attached documentation to be handled in the permit application process.

The planned project

The developer, Sigma Offshore Wind AB, has applied for a permit to construction, operation and decommission of the planned project Bothnia Offshore Sigma. Bothnia Offshore Sigma is estimated to consist of a maximum of 143 wind turbines with a potential for 3 700 MW of installed power and an annual production of up to 13,6 TWh. The individual turbines within the wind farm will be coupled via an internal cable network that transmits the produced energy to one or more offshore substations (OSS) where the electricity will be converted and transmitted to shore through one or more connecting cables.

As the project is located in Sweden's economic zone, a permit is required according to Section 5 of the Swedish Economic Zone Act (1992:1140) to build and operate the facilities. Permits under SEZ are reviewed and decided by the government. To an application in the case of an SEZ permit, an EIA must be drawn up and chapter. 2–4 shall be applied for the examination. and chapter. 5 §§ 3–5 and 18 of the Environmental code.

Upcoming process

The developer has submitted an environmental impact assessment to the government in accordance with the law (1992:1140) on Sweden's economic zone (SEZ), the government has commissioned the county administrative board of Gävleborg to prepare the permit application. The count administrative board will take into count eventual further comments received based on the developers reply.

Sweden kindly asks you to submit your comments **no later than 20th of January 2026**

Kindly send the answer to this consultation by e-mail to:
registrator@naturvardsverket.se and espo@swedishepa.se. Please indicate Case number NV-07916-23 and "OWF Sigma" in your answer.

This decision has been made digitally and therefore lacks signatures.

For the Swedish Environmental Protection Agency

Nanna Wikholm
Head of Unit

Richard Kristoffersson
Point of Contact, Espoo Convention

Attachments in Swedish and FInnish:

- Yttrande
- Bilaga A5 Uppdaterade villkorsförslag samt jämförelse mellan tidigare
- Bilaga A9 Tilläggs-PM om undervattensakustik
- Bilaga A10 Uppdaterad miljöbedömning utifrån ny bullermodellering
- Bilaga A12 Bemötande av yttranden efter samråd enligt konvention om miljökonsekvensbeskrivningar
- Liite A5 Päivitetty ehdotetut ehdot sekä aikaisempien ja muutettujen ehtojen vertailu
- Liite A9 Vedenalaista akustiikkaa koskeva täydentävä muistio
- Liite A10 Uuden melumallinnuksen perusteella päivitetty ympäristöarvointi
- Liite A12 Vastaus lausuntoihin, jotka annettiin valtioiden rajat ylittävien ympäristövaikutusten arvioinnista tehdyn yleissopimuksen mukaisen kuolemisen johdosta ja jotka
- Vastaus lausuntoihin, jotka on saatu Ruotsin talousvyöhykelain (1992:1140) mukaisesta lupahakemuksesta Bothnia Offshore Sigma -tuulipuiston osalta

Cc.

The Ministry of Climate and Enterprise, Bastian Ljunggren