

Authority services

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Public

Swedish Environment Protection Agency
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Notification in accordance with Article 10 of the Protocol on Strategic Environmental Assessment (SEA) regarding the component master plan for windfarm Edith in Närpiö, Finland

In accordance with Article 10, Paragraph 1 of the Protocol on Strategic Environmental Assessment (Protocol on SEA), where a Party of origin considers that the implementation of a plan or programme is likely to have significant transboundary environmental, including health effects, the Party of origin shall as early as possible before the adoption of the plan or programme notify the affected Party. As the Party of origin, Finland hereby notifies your state regarding the initiation of the component master plan for windfarm Edith in the municipality of Närpiö in Finland.

In addition to the Protocol on SEA, the notification is sent in accordance with Article 7, Paragraph 1 of Directive 2001/42/EC of the European Parliament and of the council of 27 June 2001 on the assessment of the effects of certain plans and programmes on the environment (SEA Directive). In the preparation phase during 2027 a draft component master plan is prepared, and an impact assessment is carried out.

Information on the planned land-use plan

The Edith offshore wind farm project is planned in the Bothnian Sea off the coast of Närpiö, on the west coast of Finland. The project area is located entirely within Finnish territorial waters, approximately 9 kilometres from the nearest mainland coast and 10–25 kilometres from the coast of Närpiö. The distance from the project area to the Swedish coast is approximately 130 kilometres. The component master plan covers an area of approximately 18,000 hectares (180 km²), with water depths ranging from approximately 20 to 50 metres.

The objective of the project is to enable the construction of an offshore wind farm consisting of up to 100 wind turbines. The maximum unit capacity of the turbines is 30 megawatts (MW), and their maximum total height is approximately 390 metres. The wind farm is estimated to produce approximately 5.5 TWh of renewable electricity annually. In addition to the wind turbines, the project would include one or two offshore substations within the wind farm area.

The wind turbines would be connected to each other and to the offshore substations by submarine cables. Electricity would be transmitted from the offshore substations to the mainland by submarine

cables. Two alternative submarine cable routes are being considered, each with two alternative landfall locations in the Närpiö area. Depending on the selected route, the length of the submarine cable connection would be approximately 20–40 kilometres. From the landfall location, electricity would be transmitted by underground cables to a substation in the coastal area and subsequently through a 400 kV transmission line to the national grid. The maximum planned connection capacity to the national grid is approximately 1.3 GW. The project is currently expected to become operational in the mid-2030s.

The environmental impact assessment (EIA) procedure for the Edith offshore wind farm project is being carried out as a separate process in parallel with the land use planning procedure. The responsible authority in the EIA procedure is the Finnish Supervisory Agency. The EIA programme describes the project and its alternatives, the environmental impacts to be assessed and how the assessment will be carried out. The alternatives include the implementation of the offshore wind farm and the no-project alternative. The EIA programme and the participation and assessment scheme for the component master plan are being presented simultaneously. The results of the EIA and the reasoned conclusion of the responsible authority will subsequently be taken into account in the planning process.

The land-use planning procedure in Finland

In terms of land use planning, the SEA Directive has been implemented to Land Use Act (132/1999) and Land Use and Building Decree (895/1999) in Finland. These regulate land-use planning procedures, such as an assessment of impacts of land-use planning on the environment.

Public display of the preparatory material for the component master plan takes place in Finland from 3 September to 2 October 2026. The responsible land-use planning authority in Finland for this land-use plan is the Municipality of Närpiö, Planning Engineer Malin Haka, malin.haka@narpes.fi.

Participation in the procedure

Please send the response by email to the register office of the Finnish Environment Institute (kirjaamo@syke.fi) and transboundaryEIA.SEA@syke.fi by **28 October 2026 at the latest** and:

- acknowledge the receipt of the notification,
- indicate whether your state intends to participate in the SEA procedure
- provide views and comments on the material,
- submit any comments you might receive from the public, authorities, and others concerned in your state.

Please indicate our reference number SYKE/2026/2053 in your letter.

More information

Protocol on SEA: Finnish Environment Institute, Senior Officer Anna Reunamo, transboundaryEIA.SEA@syke.fi

Head of services

Jenni Juslén

Senior officer,
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and the Protocol on SEA

Anna Reunamo

This document has been electronically signed. The electronic signatures can be verified from the register office of the Finnish Environment Institute.

Appendices Delgeneralplan för Havsvindkraftsprojektet Edith - Program för deltagande och bedömning 18.8.2026 (SV)

For information Ministry for Foreign Affairs of Finland
Ministry of the Environment
Municipality of Närpiö

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