

Points of Contact to the Espoo Convention in Austria, Bulgaria, Denmark, Estonia, Germany, Latvia and Sweden

Consultation in accordance with Articles 4 and 5 of the Convention on Environmental Impact Assessment in a Transboundary Context (Espoo Convention) regarding the possibility of extending the service life of the Olkiluoto 1 and Olkiluoto 2 plant units and uprating their thermal power at the Olkiluoto nuclear power plant in Finland

In accordance with Article 3, Point 1 of the Convention on Environmental Impact Assessment in a Transboundary Context (Espoo Convention), the Finnish Environment Institute has notified your countries of the environmental impact assessment (EIA) programme for extending the service life of the Olkiluoto 1 (OL1) and Olkiluoto 2 (OL2) plant units and uprating their thermal power at the Olkiluoto nuclear power plant in Finland. Austria, Denmark, Estonia, Germany, Latvia and Sweden were notified on 23 January 2023 and Bulgaria, as per request, on 27 February 2024. You have answered to the notification with a request to participate in the EIA procedure for the proposed project.

In accordance with Articles 4 and 5 of the Espoo Convention, Finland hereby invites you to comment on the EIA report of the proposed project. In addition to the provisions of the Convention, the EIA report is sent for consultation in accordance with Article 7, Paragraph 2 of Directive 2011/92/EU of the European Parliament and of the Council of 13 December 2011 on the assessment of the effects of certain public and private projects on the environment (2011/92/EU as amended by 2014/52/EU, the EIA Directive). For Estonia, the invitation to comment the EIA report is also subject to the provision of Article 10, Point 1 of the Agreement between the Government of the Republic of Estonia and the Government of the Republic of Finland on Environmental Impact Assessment in a Transboundary Context.

Information on the planned project

Teollisuuden Voima Oyj (TVO) is planning to extend the service life of the OL1 and OL2 plant units and uprating their thermal power at the Olkiluoto nuclear power plant in Eurajoki, Finland. The OL1 was commissioned in 1978 and the OL2 in 1980. The plant units are identical boiling water reactors. TVO is analysing the possibility of extending the service life of the plant units until 2048 or, alternatively, until 2058 as well as the possibility of uprating the thermal power. The starting point is an increase of the reactor's thermal power by 10 % to 2,750 megawatts (MW), which corresponds to increasing the plant units' nominal electrical power output from the current 890 MW to 970 MW.

The alternatives being examined for the project are as follows: continuing the operation of the plant units at the current power level until 2048 (VE1a) or 2058 (VE1b) and continuing the operation at an uprated power level until 2048 (VE2a) or 2058 (VE2b). In the zero alternative



(VE0), the operation of the plant units will continue until the expiration of the current operating permit in 2038.

The developer has assessed in the EIA report that transboundary impacts are only possible in the case of a severe reactor accident.

Public consultation in Finland and documents

The consultation and the public display of the EIA report takes place in Finland between 17 December 2024 and 14 February 2025.

The summary of the EIA report in Bulgarian, Danish, English, Estonian, German, Latvian, and Swedish are attached to this consultation letter. The complete EIA report is available in Finnish, Swedish and English at the following webpages: <https://tem.fi/olkiluoto-ol1-ja-ol2-yva-selostus> (in Finnish), <https://tem.fi/sv/mkb-beskrivning-for-olkiluoto-1-och-2> (in Swedish) and <https://tem.fi/en/olkiluoto-1-and-2-eia-report> (in English).

In addition to the EIA report, the Finnish Environment Institute submits the competent authority's statement on the EIA programme of the planned project for your information in accordance with Article 7, Paragraph 2 of the EIA Directive and Section 29 (911/2022), Subsection 5 of the Finnish Act on Environment Impact Assessment Procedure (252/2017). The competent authority's statement on the EIA programme of the planned project is attached to this letter for information in English and Swedish.

Participation in the EIA procedure

Finland kindly requests you to distribute the EIA report to the authorities and the public for comments in your state. Please send your response by e-mail to the register office of the Finnish Environment Institute (kirjaamo@syke.fi) and transboundaryEIA.SEA@syke.fi **by 27 February 2025 at the latest** and:

- acknowledgement of receipt of this letter.
- provide comments concerning the environmental impact assessment of the project affecting your state,
- submit any comments you might receive from the public and the authorities in your state, and
- indicate if there is a need for additional consultations.

Please indicate our reference number **SYKE/2023/1899** in your letter.

More information

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

Appendixes

Доклад за ОВОС: Документ за международно разглеждане, декември 2024
 UVP-Bericht: Dokument für die internationale Anhörung, Dezember 2024
 VVM-rapport: Dokument til international høring, december 2024
 KMH aruanne: rahvusvahelise arutelu document, detsembril 2024
 EIA report: Document for international hearing, December 2024
 IVN atzinums: Dokuments straptautiskajam atzinumam, decembris 2024
 MKB-beskrivning: Dokument om det internationella samrådet, December 2024
 The competent authority's statement on the EIA programme for Olkiluoto 1 and Olkiluoto 2, 25 April 2024
 Kontaktmyndighetens utlåtande om MKB-programmet av Olkiluoto 1 and Olkiluoto 2, 24 april 2024

Distribution

As per send list below

For information

Ministry for Foreign Affairs of Finland
 Ministry of the Environment
 Ministry of Economic Affairs and Employment
 Members of the Estonian-Finnish Joint Commission on EIA in a Transboundary Context

Distribution list

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