

The RAJALA project offers a number of opportunities for interested parties to participate in the specific planning process for a final disposal site.

2023 Q1

Publication of starting points for finding the most suitable location on the municipality's website

2023 Q2 & Q3

Presentation of the results of the studies carried out in three alternative locations of the final disposal site

 JOIN IN THE DISCUSSION!

2023 Q4

Public display and discussion of site pre-selection

 JOIN IN THE DISCUSSION!

Presentation of the final report of the studies that are the basis for the selection of the location of the final disposal site

 COME AND LISTEN!

2024 Q1

Adoption and publication of the pre-selection decision on the municipality's website

 JOIN IN THE DISCUSSION!



KESKKONNAMINISTEERIUM



MAJANDUS- JA
KOMMUNIKATSIOONI-
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Euroopa Liit
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Eesti
tuleviku heaks

ADDITIONAL
INFORMATION:
alara.ee/rajala

RAJALA

Disposal of radioactive waste



The former nuclear facility in Paldiski

Final disposal of radioactive waste is necessary to ensure its long-term safety. RAJALA project activities include, in addition to the decommissioning of the two training reactor compartments of the submarines of the former Paldiski nuclear facility and the construction of a final disposal site, the necessary research and management of radioactively contaminated metal waste for final disposal.



Interim storage of radioactive waste

At present, waste is stored in an interim storage facility in the main building of the former nuclear facility in Paldiski. It is not possible to dispose of the reactor compartments in their existing form because the compartments contain radioactive water, which may, over the years, start leaking into the environment as a result of corrosion. According to experts, it is possible to safely store the conserved compartments until 2040, after which their demolition must begin.

WHY?

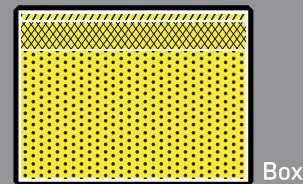
The aim of the RAJALA project is to reduce the risks associated with radioactive waste and its handling in order to prevent groundwater and surface water pollution, which is a threat to human health.

WHAT?

Roughly **3000m³** of waste:

- Waste generated during the liquidation of the former nuclear submarine training center in Paldiski;
- Waste generated during the dismantling of submarine reactor compartments;
- Waste from industry and medical and scientific institutions.

HOW?



Box



70-80m Shaft



Box Shaft

59 m ³	101 m ³		reserve
337 m ³	650 m ³		waste from demolition
1704 m ³	149 m ³		existing waste

Taking into account the existing and future waste generation in Estonia, the most suitable types of disposal sites based on today's knowledge are an above-ground concrete box and a shaft-type medium-deep (up to 80m) final disposal site.

WHEN?

The final disposal site must be ready by 2040 at the latest, and then the dismantling of the reactor compartments will begin.

WHO?

Until 2025, the activities of the RAJALA project will be coordinated by the Ministry of the Environment and, from then on, by the Ministry of Economic Affairs and Communication.

2021-2023

The most suitable location has been found.

2024-2025

Technical design is developed, and a special plan has been approved.

2026-2028

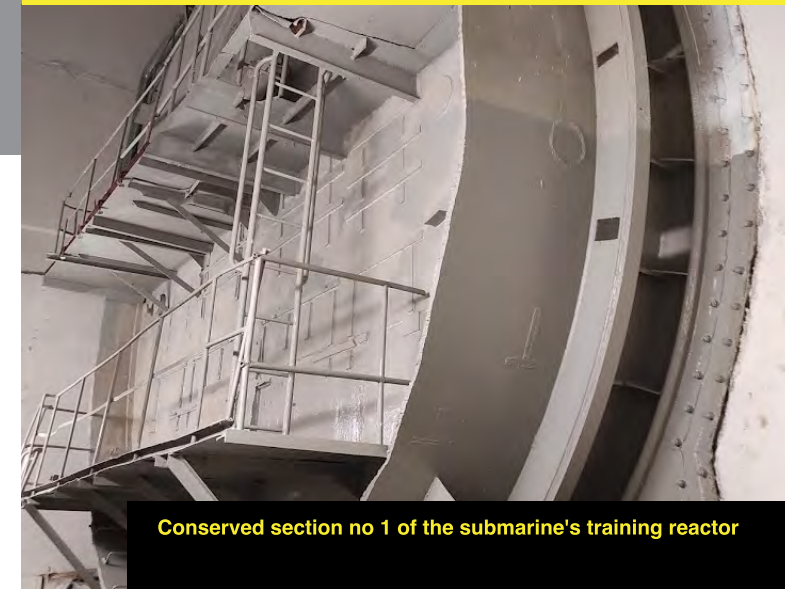
The construction project documentation is ready, and the necessary activity licenses are available.

2029-2040

The final storage site has been established.

2041-

Operation of the final disposal site and decommissioning of reactor compartments, and storage of generated waste.



Conserved section no 1 of the submarine's training reactor