

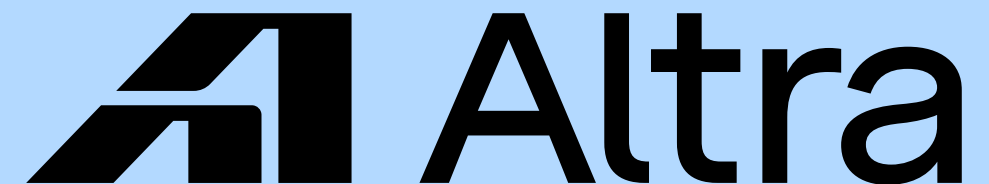
November 19



Suppliers' Day

Strategic Projects
Public Procurement

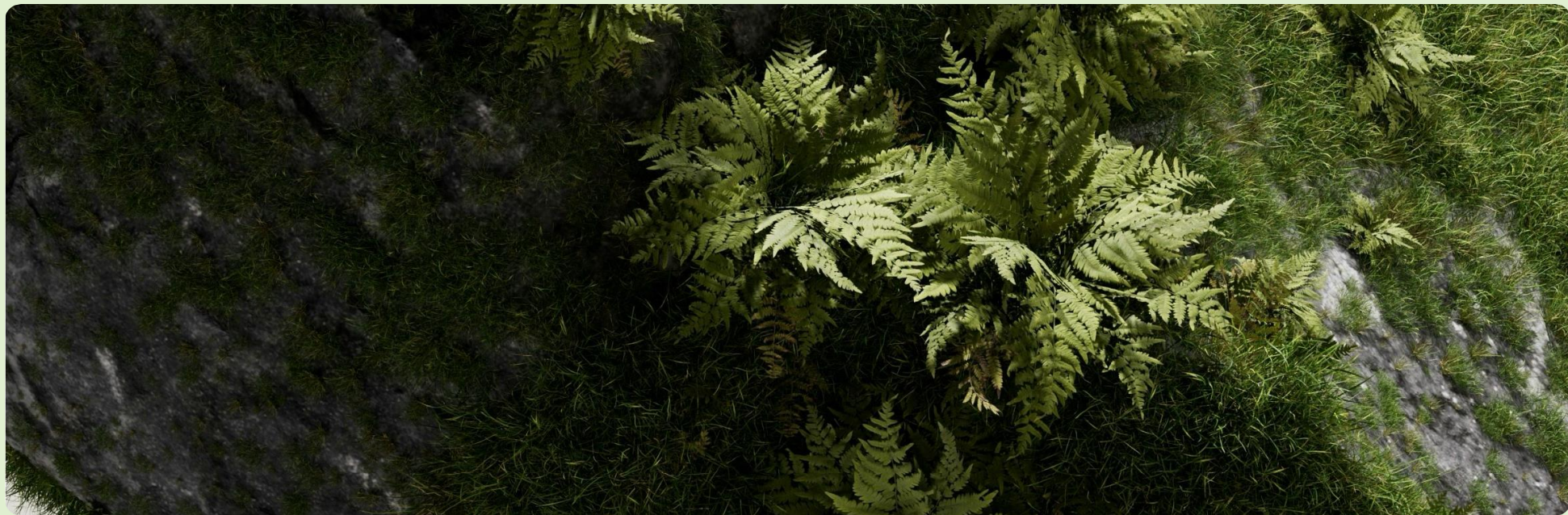
Lithuanian nuclear transformation architects



Today's agenda

- 14:05** Lithuania's megaproject up close
Jonas Kimontas, Head of the Project Management Department
- 14:20** How do we manage the megaproject?
Jonas Kimontas, Head of the Project Management Department
- 14:30** What we can achieve together: spotlight on strategic projects
- 15:20** What is important to know when participating in procurement for nuclear energy facilities?
Svetlana Šubina, Procurement Projects Manager
- 15:35** Questions & Answers





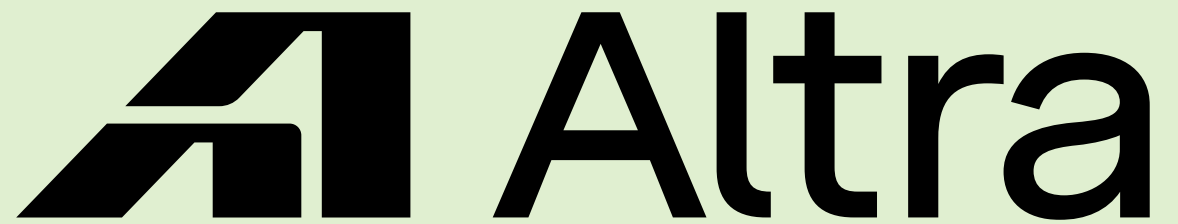
We are Lithuanian nuclear
transformation architects

Jonas Kimontas

Head of the Project Management
Department



Ignalina Nuclear
Power Plant becomes



Altra – more than the decommissioning of the Ignalina Nuclear Power Plant

5

01

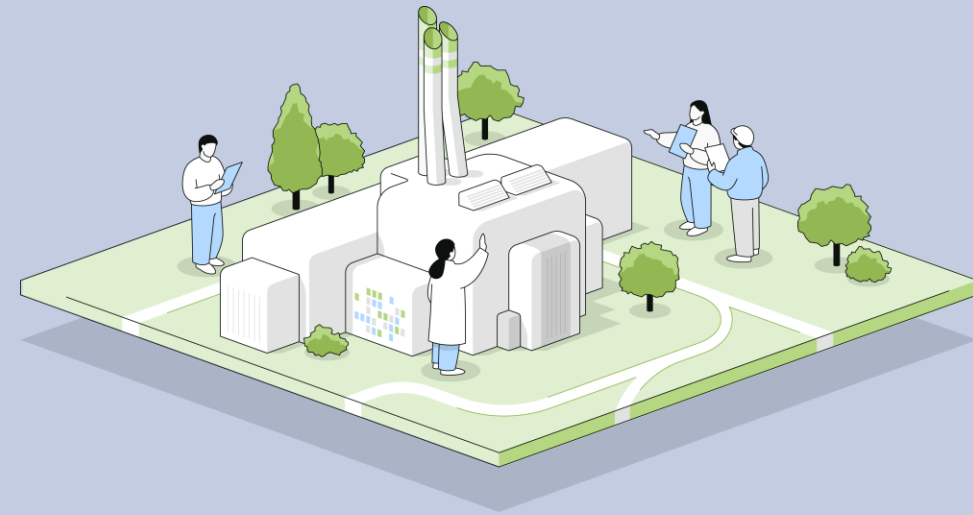
Nuclear cycle
management

02

Fulfilling
Vision 2100

03

#Enenvironment



About us

6



Our mission – uniquely long term

To create a clean environment through the sustainable management of the nuclear legacy.



We are the first in the world

The first in the world to decommission and dismantle RBMK reactors



Megaproject

Portfolio of 50+ projects.
Decommissioning works until around 2040.
Operational plans until 2080.



Competitive employer

One of the largest employers in the region. The team of 1,500 employees. The highest salaries in Visaginas municipality and the region – an average of €2,181 (gross).



A stable business partner

On average, we implement **1,000-1,300** public procurement procedures per year for the purchase of goods and services worth approximately EUR **70** million.



Investments in new infrastructure

We will invest around **€25** million in **2025-2026** and **€200+** million in **2027-2030**.



Areas of activity

7

01

Decommissioning
of nuclear
facilities

02

Development and
operation of new
nuclear facilities

03

Radioactive
waste
management

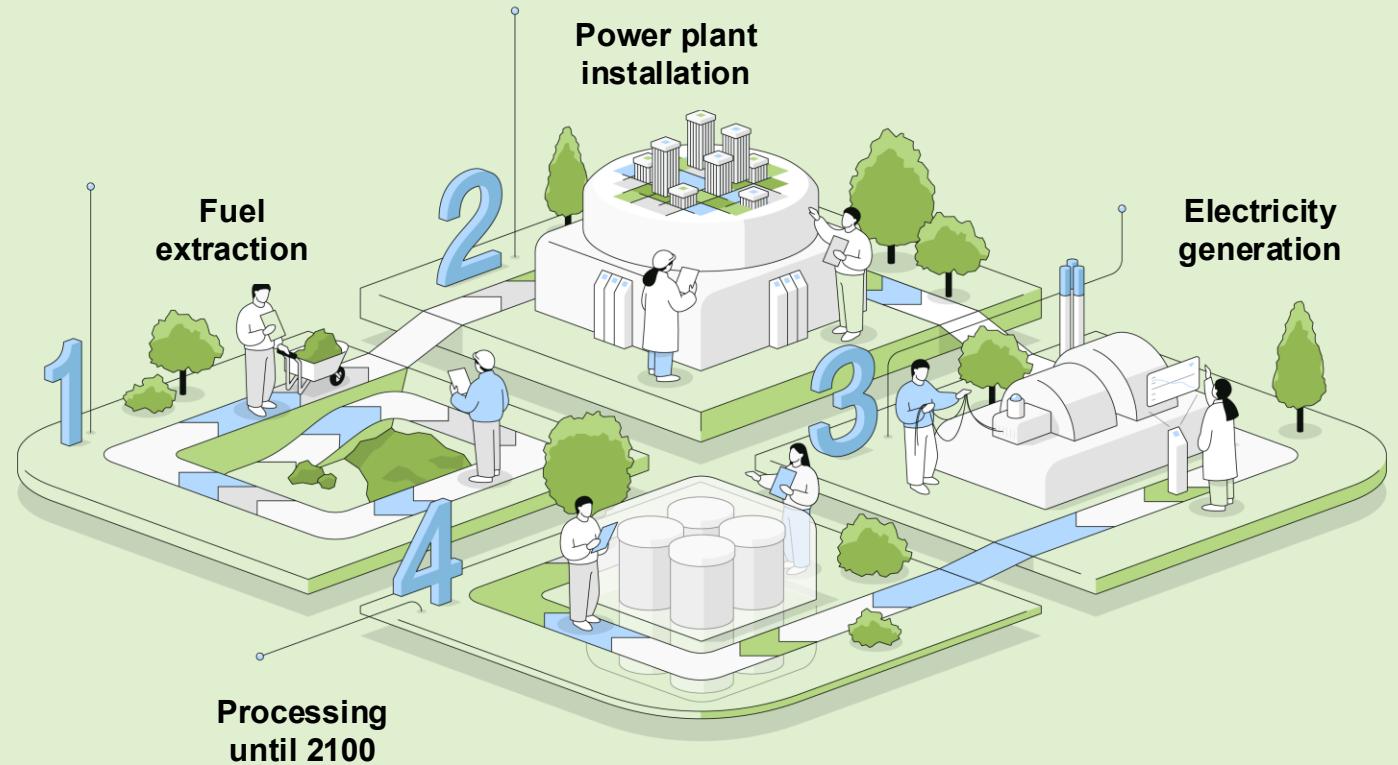


Nuclear Cycle Management

The closure of the nuclear power plant in Lithuania did not mark the end of the nuclear energy cycle.

Today, Lithuania is in the final stage of this cycle, and it is now important to ensure the smooth and safe management of the nuclear legacy.

Just as every cycle comes full circle, we view this stage not as an end, but as the beginning of a new cycle.



Fulfilling Vision 2100

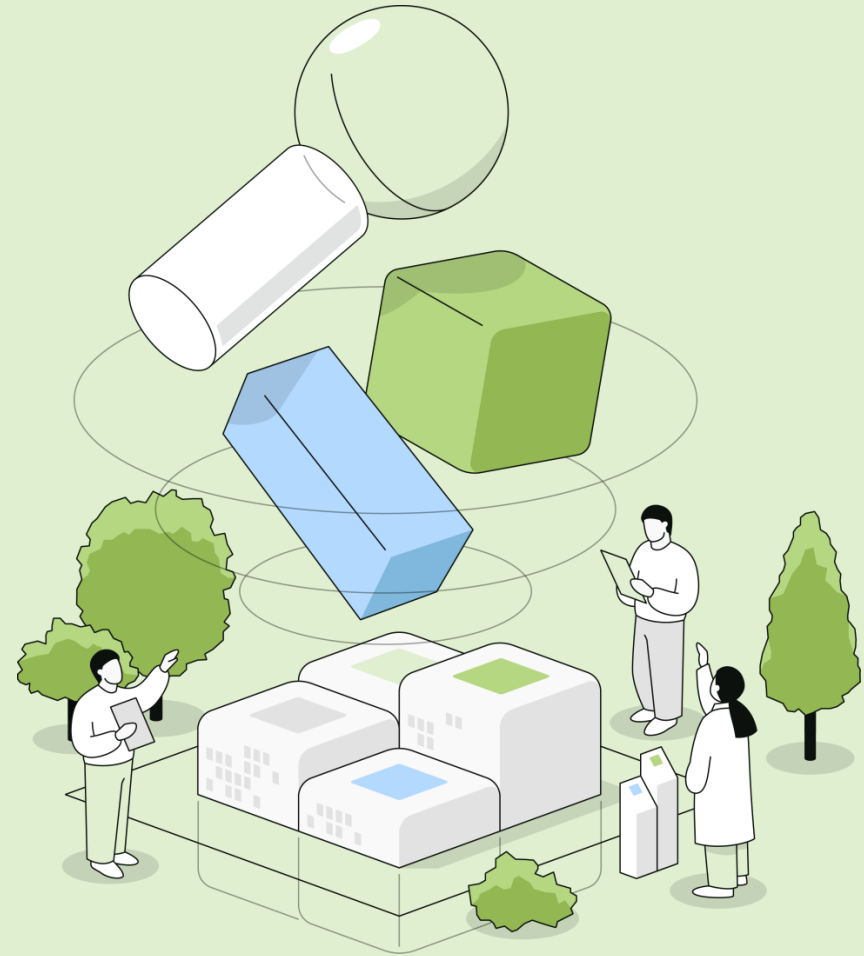
Our operations are focused entirely on long-term goals. Even after several decades, when the nuclear power plant operating in Lithuania will be completely dismantled, the work will not end, so our vision extends as far as 2100.



#Enenvironment

Our field of activity is #enenvironment, which combines the concepts of energy and environmental protection.

#Enenvironment is a commitment to ensuring a safe and clean environment by responsibly managing the legacy of the energy sector.



The largest environmental project in Lithuania's energy sector



78 %
equipment
conversion

94 %
reinforced
concrete
conversion



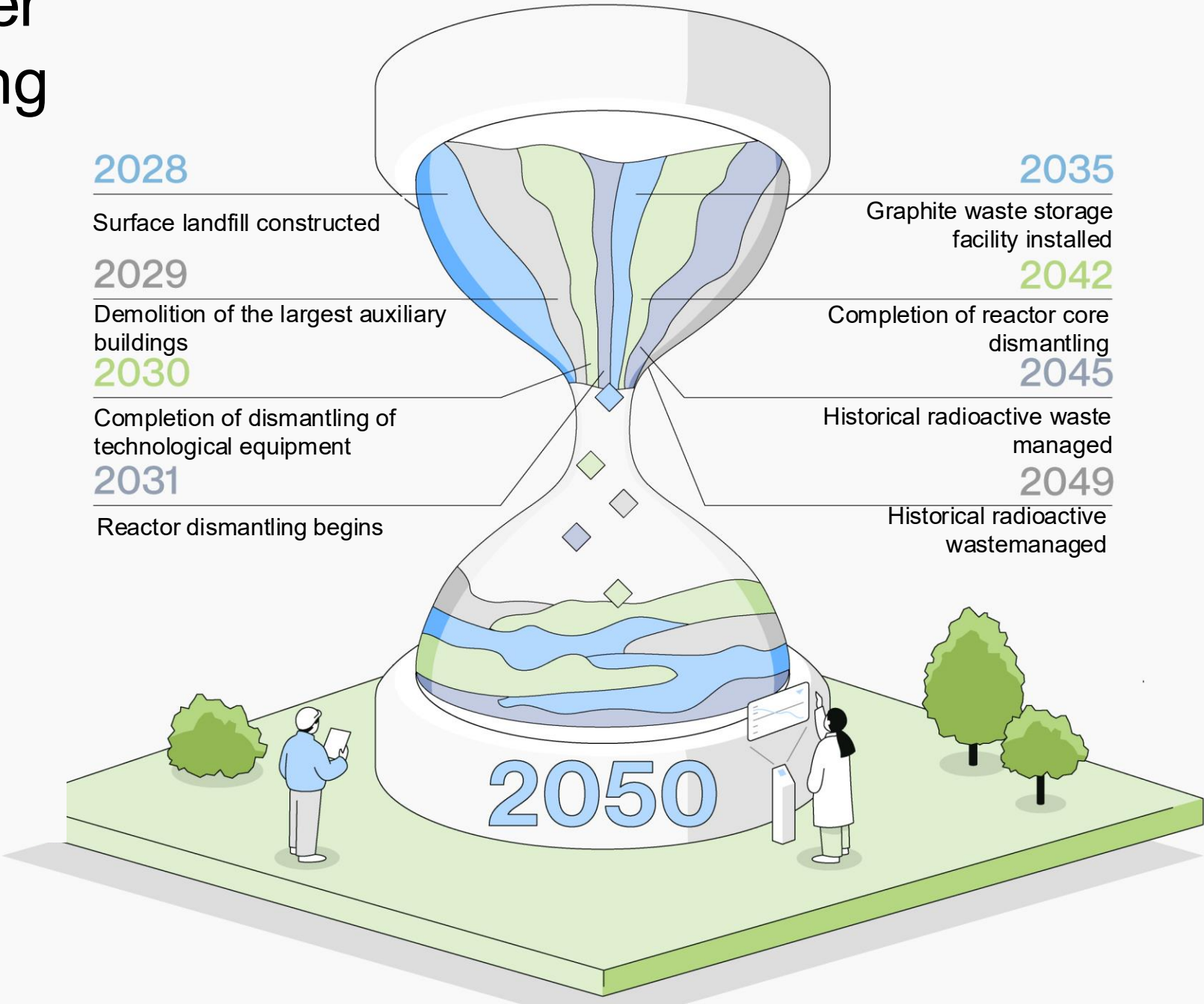
Ignalina Nuclear Power Plant Decommissioning

44%



180 000 t

In total, we will have to dismantle the equipment and related materials.



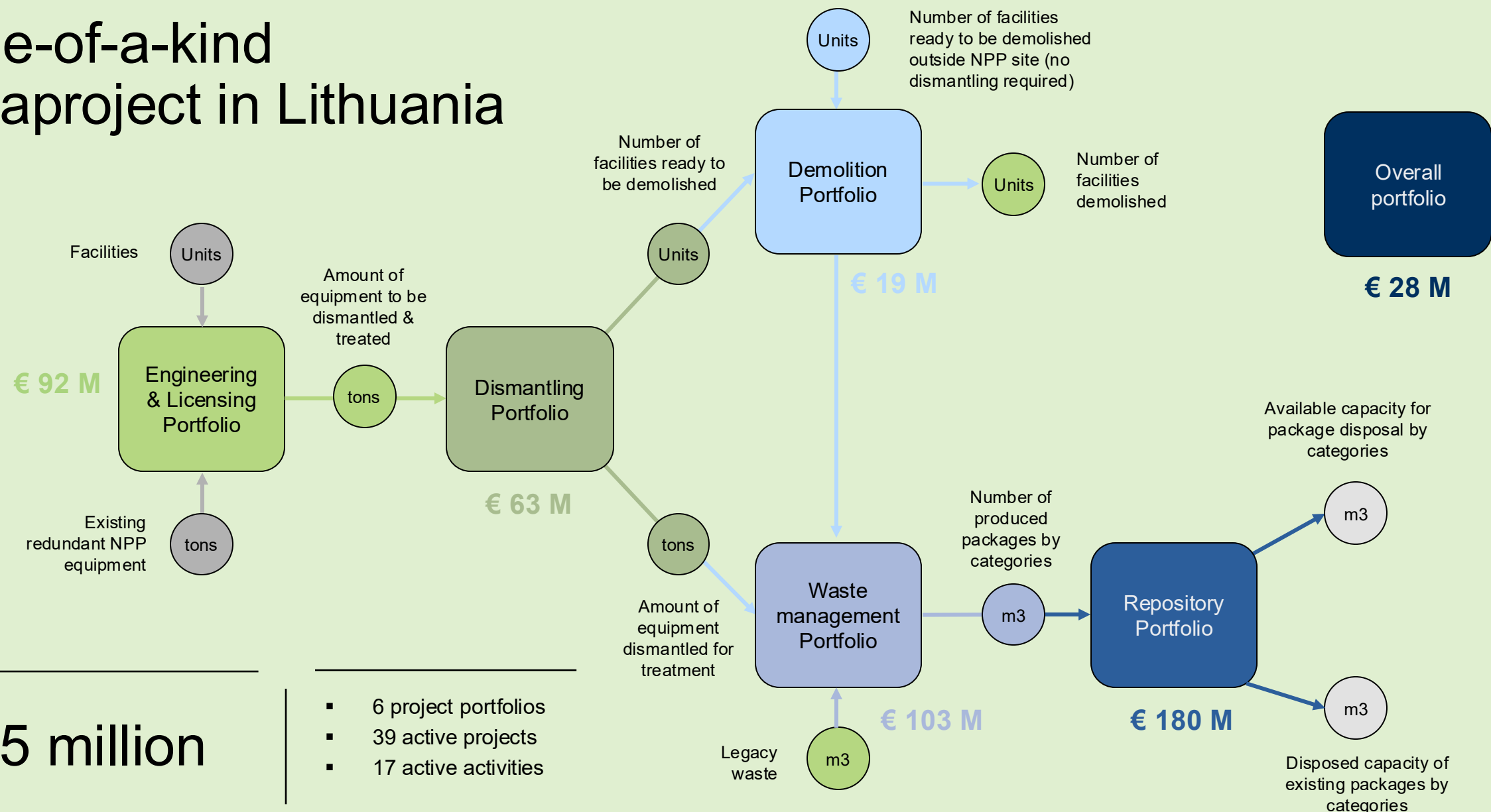
How do we manage the megaproject?

Jonas Kimontas

Head of the Project Management
Department



A one-of-a-kind megaproject in Lithuania



- 6 project portfolios
- 39 active projects
- 17 active activities

Demolition portfolio

Estimated value of procurements for 2026-2027 period ~ **6 M Eur**

Active projects

- Value: ~19 M Eur
- 124 facilities
- Volume 520 000 m3

Planned projects for period till 2034

- Value: ~70 M Eur
- 30 facilities
- Volume 1 480 000 m3



The main works

Construction of a near – surface repository

Construction of a storage facility for reactor's waste

Reactor core dismantling design, equipment supply and dismantling works

Demolition of reactor buildings

2025

2026

2027

2029

2030

2033

2035

2042

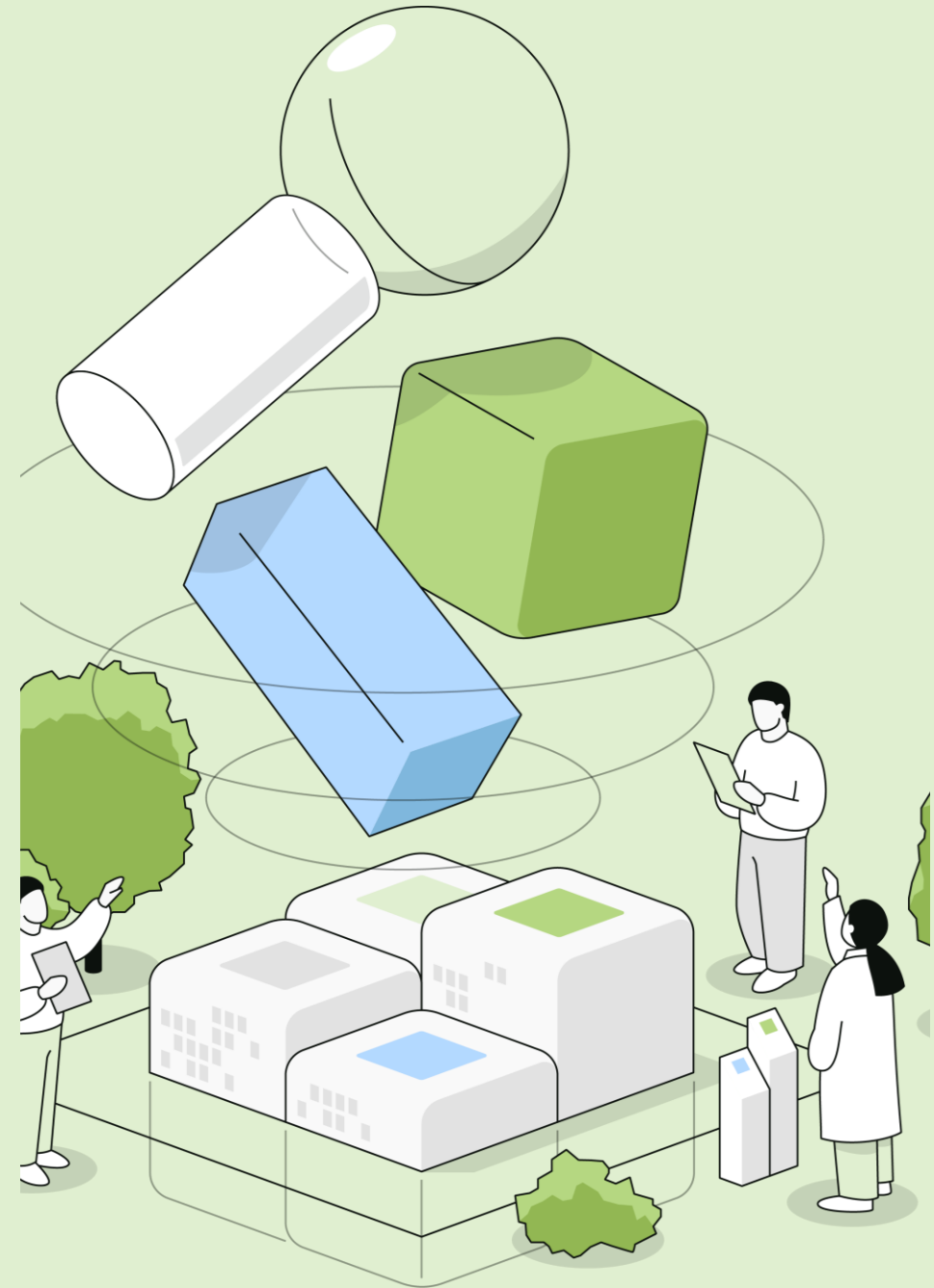
Thank you!

Jonas Kimontas,
Head of the Project Management Department
Jonas.Kimontas@altra.lt

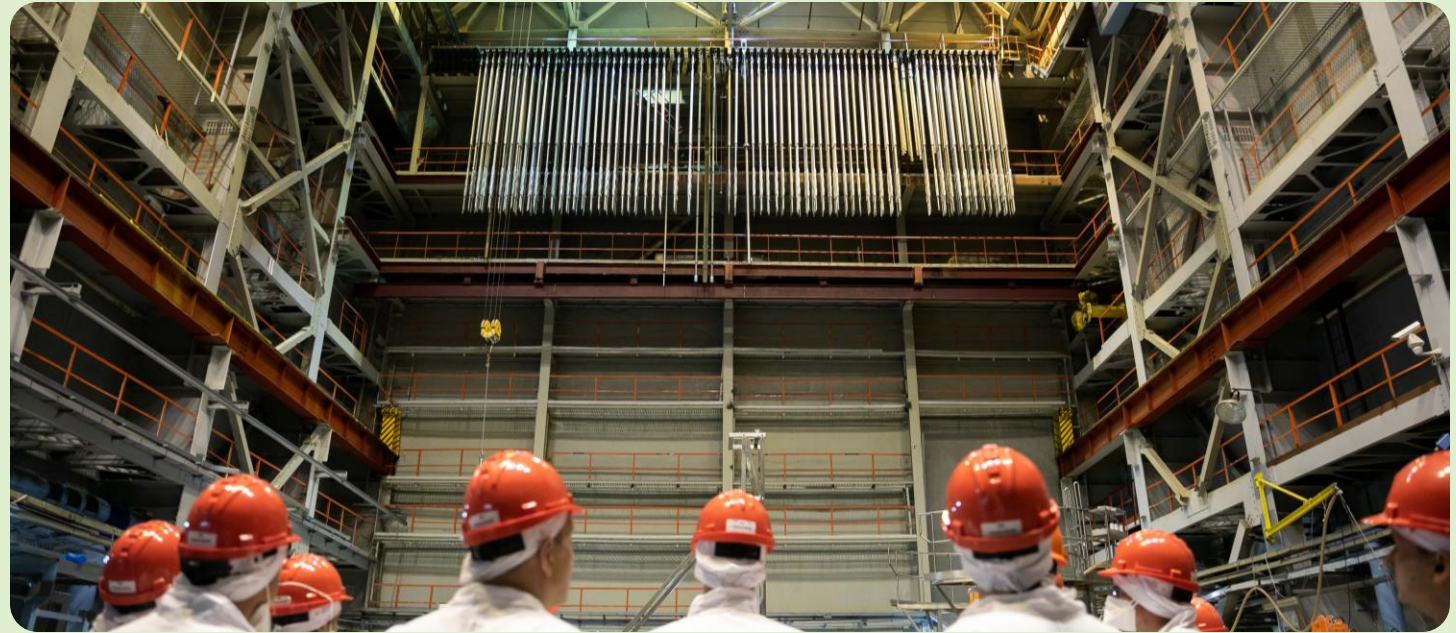
Lithuanian nuclear transformation architects



Let's connect on
„LinkedIn”



What we can
achieve together:
spotlight on
strategic projects

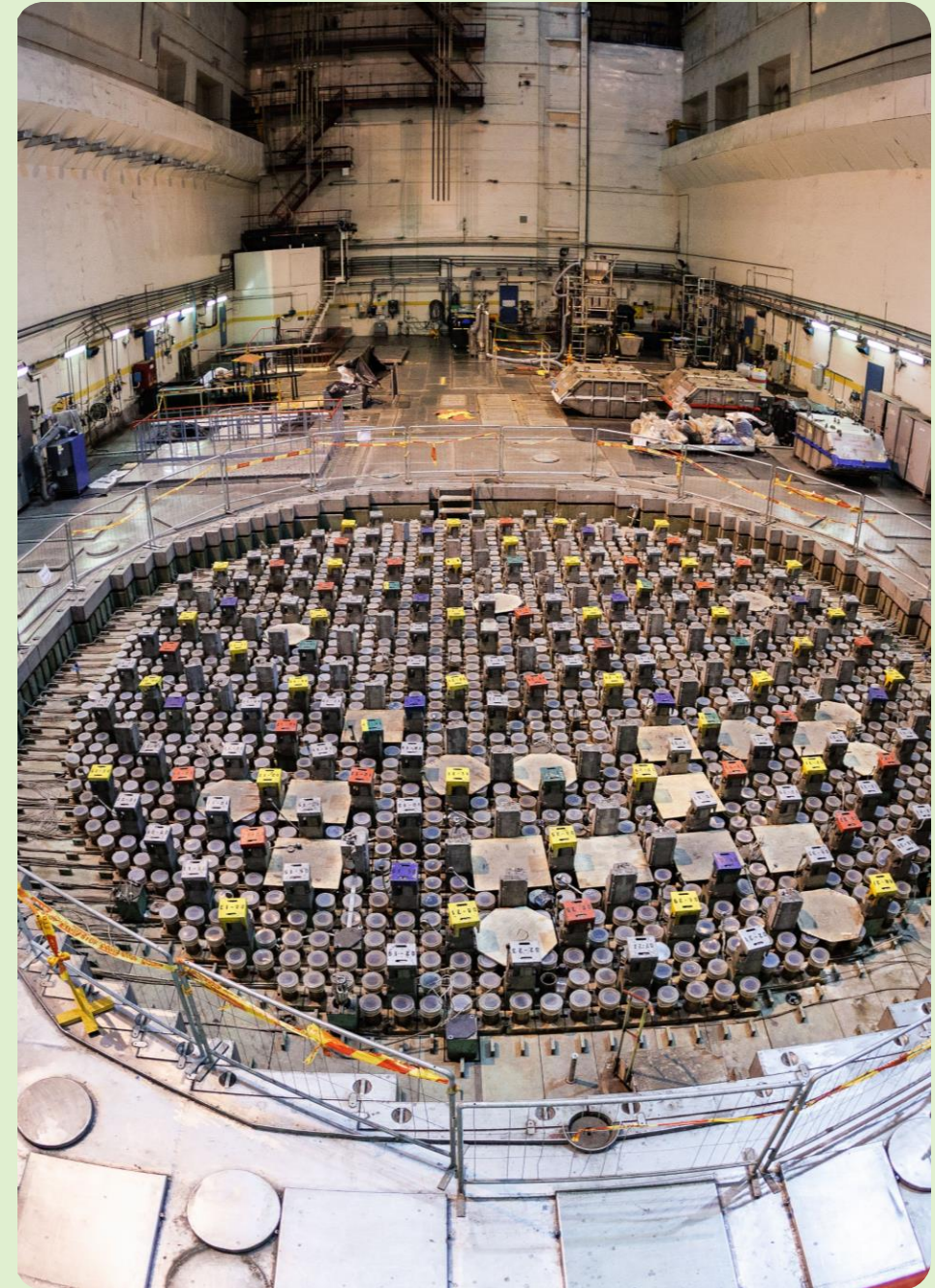


Expansion (reconstruction) of existing solid radioactive waste storage facility

Lithuanian nuclear transformation architects



Arvydas Kiaulakis
Project manager
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Project objective and main activities

Objective: to ensure the interim storage of radioactive waste generated during the dismantling of the RBMK reactor units 1 and 2 of the nuclear power plant until final disposal.

The project consists of two stages:

Design services for the reconstruction of the existing B3/4 complex, including engineering geological surveys, preparation of design proposals, preparation of a technical work project, preparation of a safety analysis report, construction project supervision services.

Reconstruction works of the existing B3/4 complex, cold and hot tests of the installed equipment and the building, renewal of the existing operating license for the Solid Radioactive Waste Management and Storage Complex.



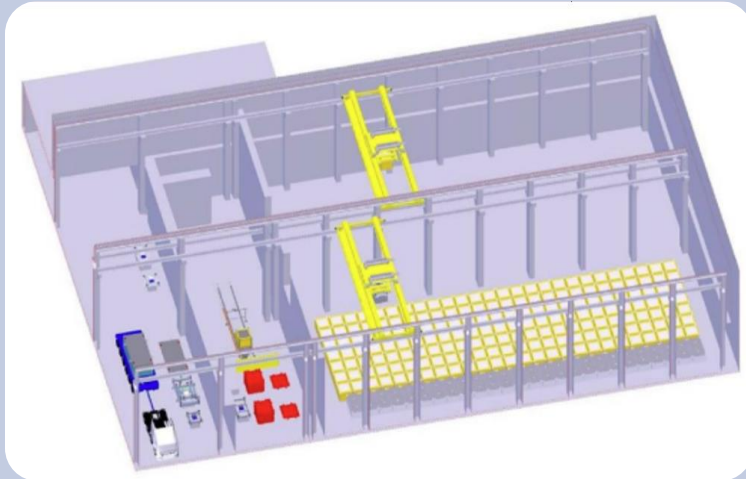
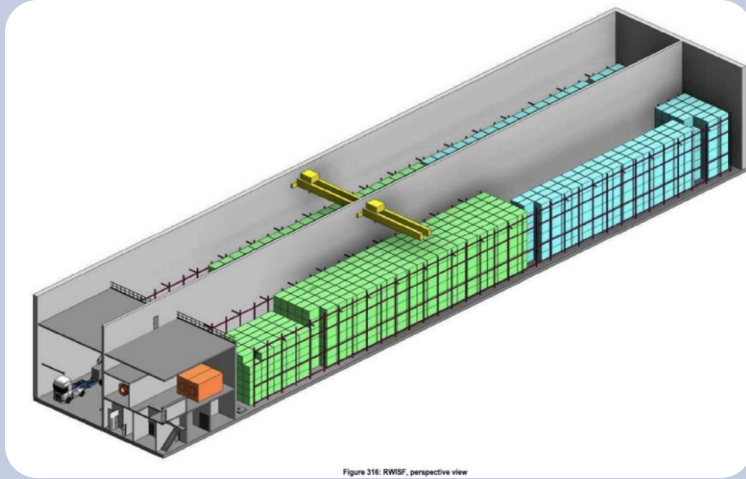
Location



The existing B3 building

Preliminary layout of the planned RWISF and pedestrian gallery

Waste inventory



Type of waste	Packaging type	Number of packages	Volume required for storage (m³)	Report ratings	Comments
Decommissioning of reactor irradiated graphite waste	ILW-LL(S)	1 136	4 639	Decision 1	The packaging method shall be based on R3D.02 in the Technology Project, together with specific waste from the reactor building preparatory work and secondary waste.
	KTZ-3.6	1 494	9 179	Decision 2	
Radioactive steel waste	ILW-LL(S)/shielded ILW-LL(s)	398	841	Decision 1	
	KTZ-3.6/ French 5m³ with 400mm shielding	1 000	5 925	Decision 2	
Graphite rings and bushings from technological channels	F-ANP	230	1 333	Both decisions	
R3D.01 conceptual project interim amount			16 437	maximum volume estimates	
Concrete waste (from the demolition of building No. 157)	Will be selected	Will be selected	205	INPP decision	Volume (m³) estimates include maximum volume with KTZ-3.6 dimensions.
Disused sealed radioactive waste sources	Will be selected	Will be selected	245	INPP decision	Volume (m³) estimates include maximum volume with KTZ-3.6 dimensions.
Total (based on maximum volume calculations)			16 887	without R3D.02 and LRAS design engineering achievements	
The volume required for storage (m³) <u>must not exceed</u>			20 000	based on the risks associated with the lack of data on the demolition of contaminated concrete waste from reactor buildings	

Key dates

2026-01	2026-11	2030-01	2031-03	2036-11
Announcement of the procurement of design services	Design services agreement signed	Building permit obtained	Construction contract signed	License to operate obtained

Budget

~ €90 million

~ €8 million

Design

Construction

Design (conducting engineering geological and geotechnical investigations and preparing design proposals; preparing technical working designs; RWISF safety analysis and justification)

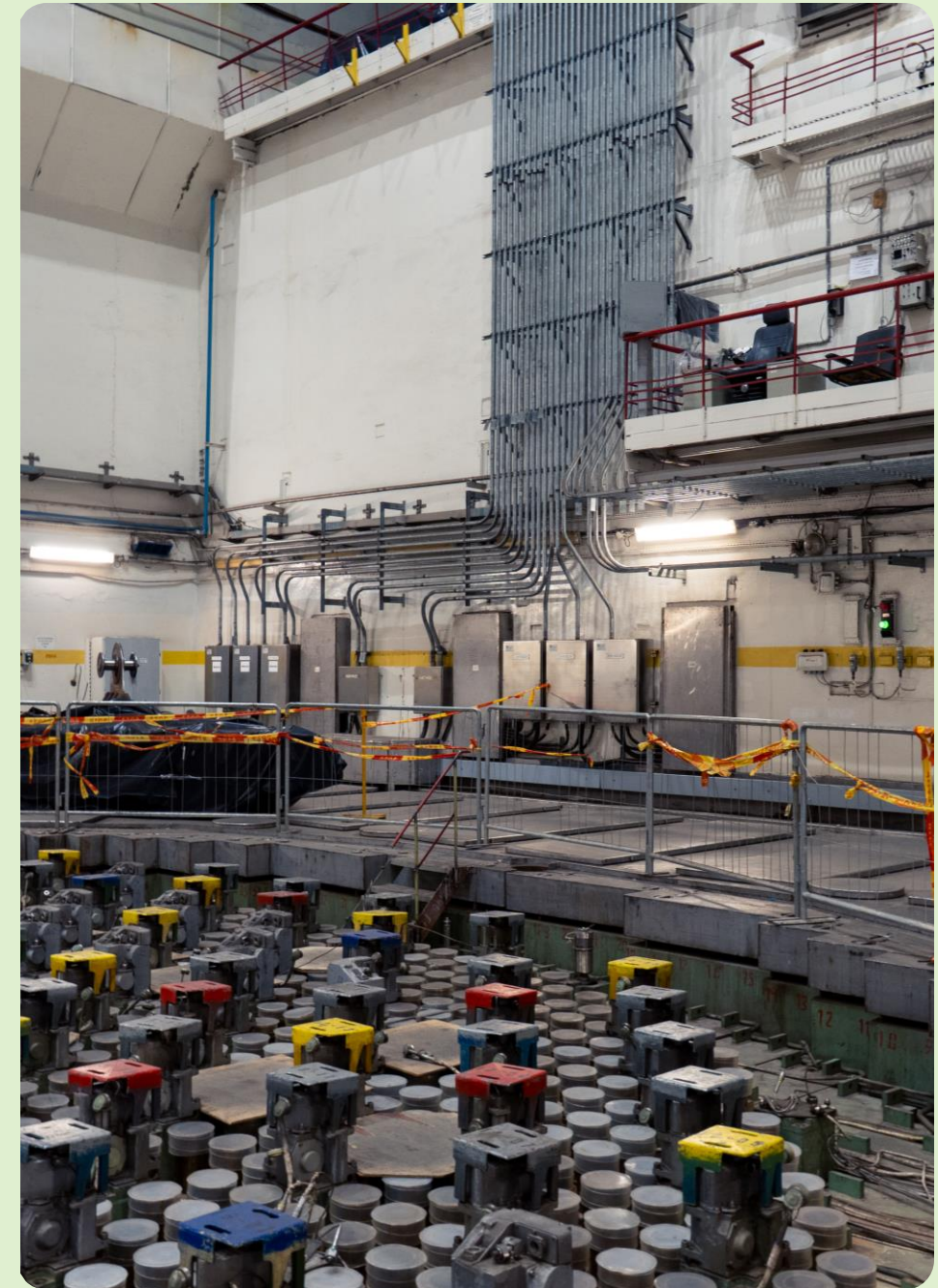
Project implementation supervision
Consultations

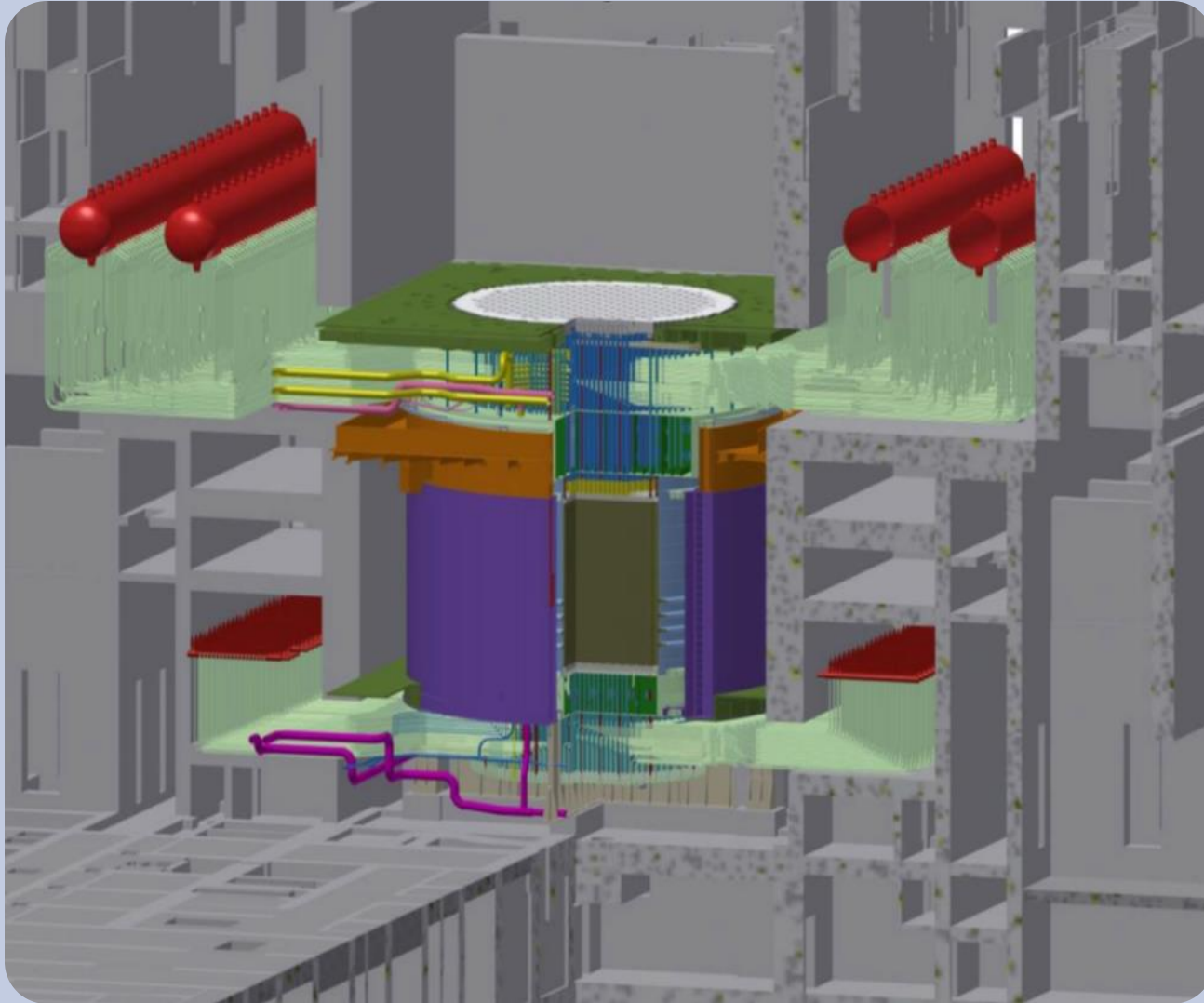
Ignalina NPP reactors R3 zone dismantling project

Lithuanian nuclear transformation architects



Pavel Glovackij
Pavel.Glovackij@altra.lt





Reactor and surrounding systems

Project objective

- One of the main tasks involved in decommissioning the Ignalina Nuclear Power Plant is dismantling the reactors and managing the resulting radioactive waste.
- The aim of this project is to safely dismantle the R3 zones of the first and second RBMK reactor units and manage the resulting radioactive waste.

Implemented stages

2023

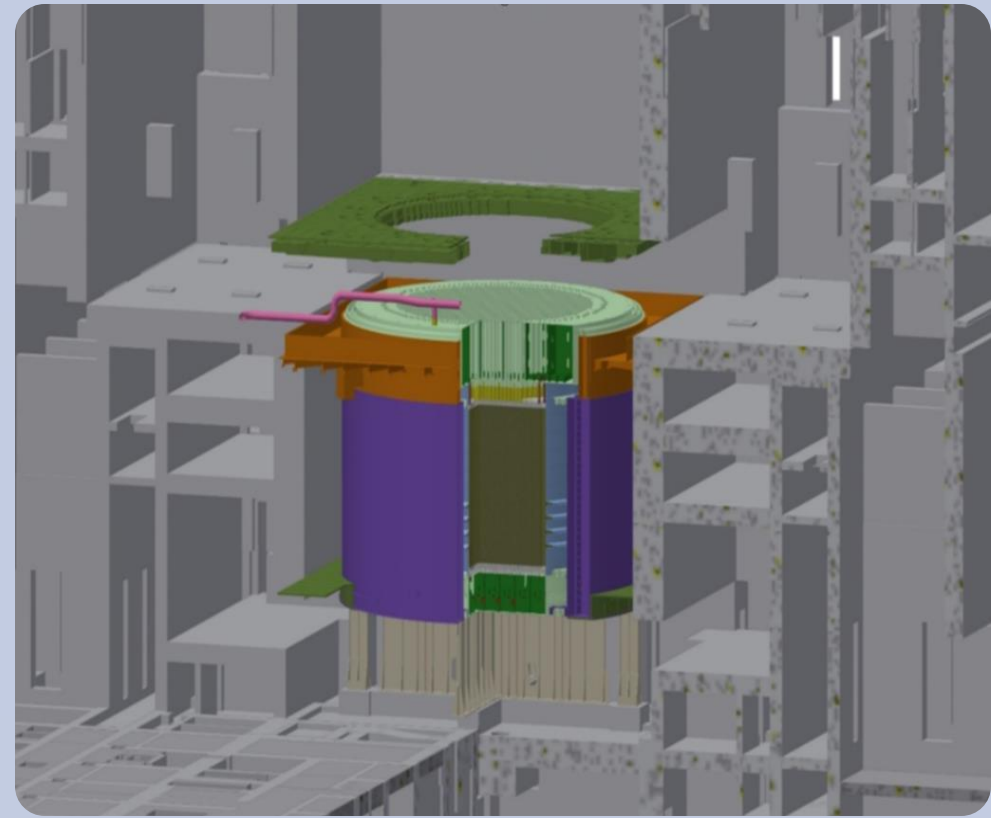
Contracts have been signed with two consortia led by EdF and Westinghouse.

2024

Reports assessing the design options (optioneering) have been developed.

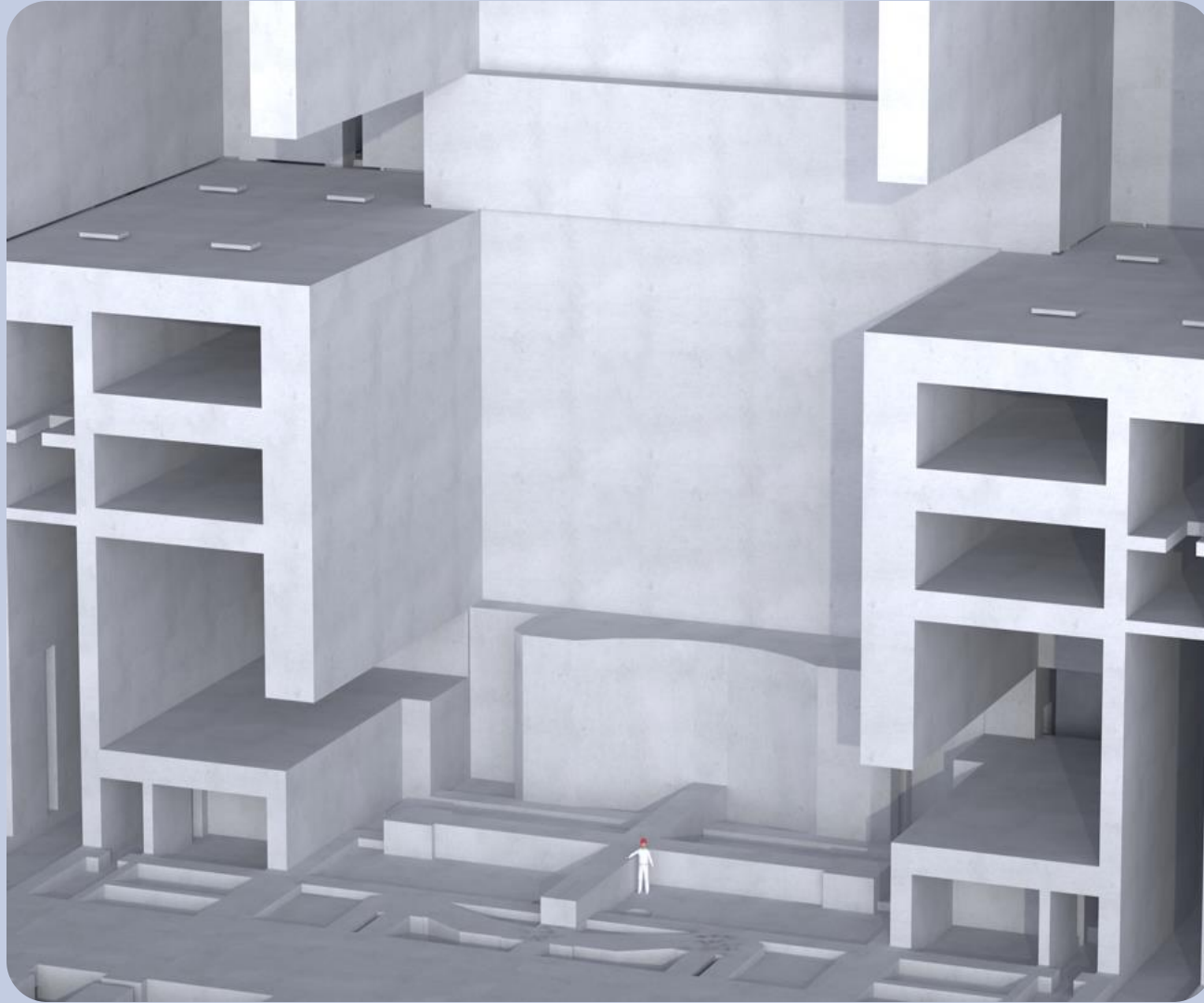
2025

Conceptual Designs and Gap Analysis Reports have been developed.



*Planned state before R3 zone dismantling
(R3 zone marked in color)*





*Planned state after dismantling the reactors
(the concrete reactor shaft remains)*

Planned stages

- Development of a Technological Dismantling Project and a Safety Analysis Report, manufacturing and installation of the necessary equipment, carrying out of dismantling works, and management of the resulting waste.
- The corresponding procurement is planned for announcement in 2026.

Tentative work schedule

2026	2027 – 2030	2030 – 2034	2031 – 2041	2033 – 2043
Announcement of the R3D.02 procurement	Development and coordination of the Technological Dismantling Project and a Safety Analysis Report	Design, manufacture, and installation of special equipment, preparatory works	Dismantling of INPP Unit 1	Dismantling of INPP Unit 2

Feasibility study for ventilation system modernization

Lithuanian nuclear transformation architects



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Project Manager
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Jurij Šapoval,
Project Owner
Jurij.Sapoval@altra.lt



Purchase purpose

To perform an analysis of the need for and modernization of the IAE three-pipe ventilation chimneys and the entire related ventilation system:

to evaluate solutions for the reconstruction, dismantling, or installation of a new chimney

to determine the required ventilation system parameters and the optimal system design.

to provide recommendations for optimizing the ventilation systems, including the implementation or modernization of the SCADA system

to ensure compliance with radiation safety, environmental impact assessment, technical implementation, occupational and human safety, and economic efficiency criteria

to calculate the estimated costs and project implementation timelines.



Budget and progress

Preliminary budget – up to
€1.8 million

Market research –
from April 2026

Procurement –
from June 2026

Contract – from
November 2026

Analysis
completion period
– up to 6 months

Analysis result: the
optimal ventilation
system
modernization
solution and the
technical
specification for
implementing the
system upgrade.

Modernisation of the Waste Pre-treatment Facility

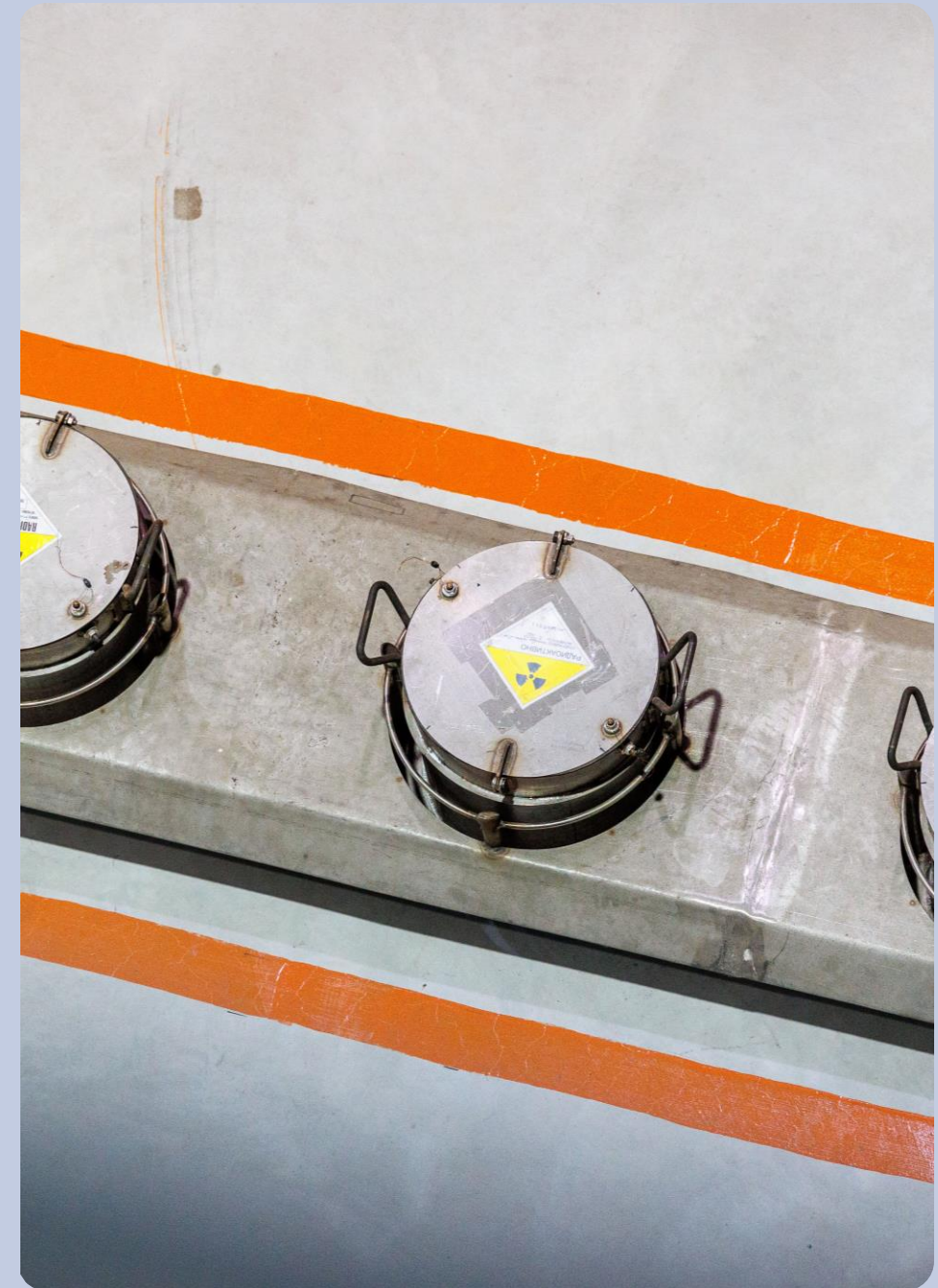
Procurement and installation of equipment

Lithuanian nuclear transformation architects



Stanislav Naguj
Project manager
Stanislav.Naguj@altra.lt

Presents:
Jurij Šapoval



Modernization of the Waste Pre-treatment Facility

Increase the efficiency and safety of the decontamination process.

Ensure the capability to handle waste up to 10 mSv.

Increase the workshop's autonomy by implementing robotics and remote operation.

Optimize processes and reduce personnel presence in the radiation zone.



Planned procurements

2026 – 2027

~3 million Euro

Remote-controlled or self-propelled mechanisms for transporting waste containers.

Lifting equipment, magnetic or mechanical grippers for waste handling.

A robotic or autonomous decontamination system.

Visual monitoring system and remote control systems.

Requirements for suppliers and equipment



The equipment must be suitable for operation in areas up to 10 mSv.

Experience in projects related to nuclear or radiological environments is preferred.

Compliance with European safety standards and regulations.



Conducting research programs, designing and constructing an engineered barrier model for a near surface repositior

Design and construction

Lithuanian nuclear transformation architects



Mindaugas Kezys
Project manager
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Implementation

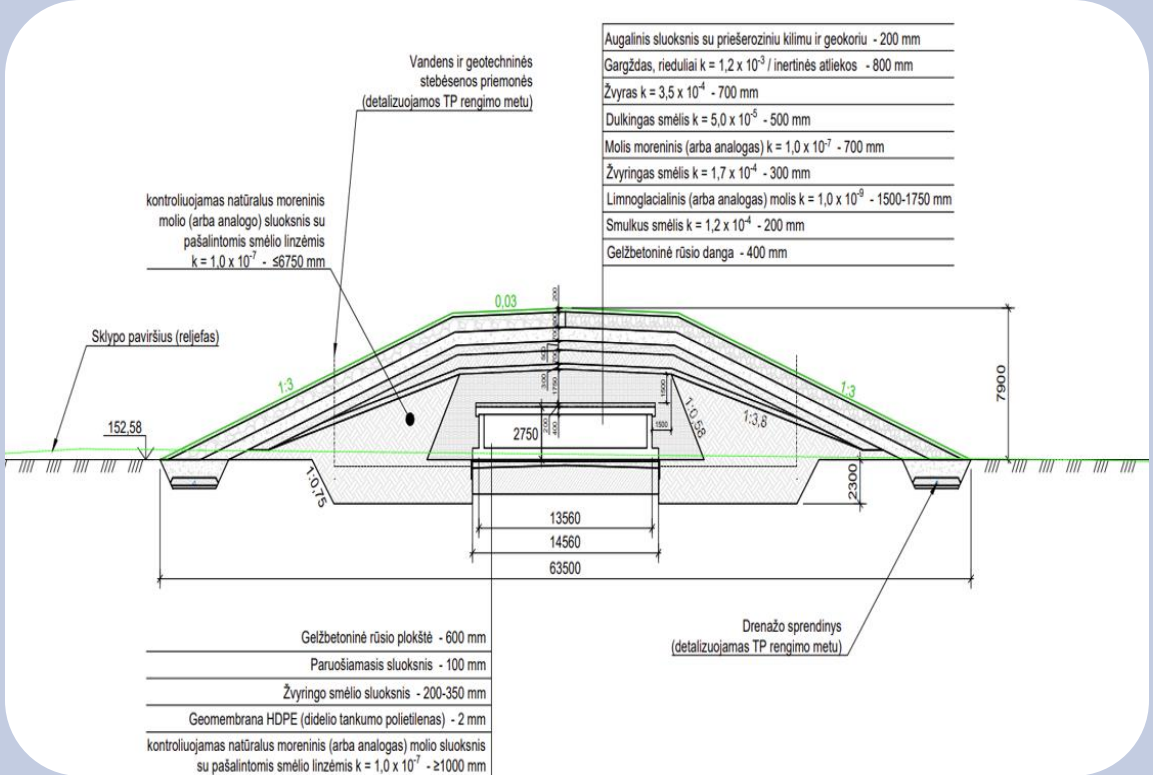
Model is a simulation analogue of the engineering structures (basements) of the surface repository under construction, where radioactive waste will be stored, and the engineering barrier (multilayer, low-water-permeable, erosion-resistant pile-shaped cover). The goal is to verify the suitability of the solutions provided for in the technical design and to obtain permits to start "hot" tests at the repository.

Currently, a contract has been signed with UAB "Tyrens Lietuva", and work is underway to compile research programs and prepare a technical project.

The procurement of detailed working design and construction works is planned for the end of 2026.



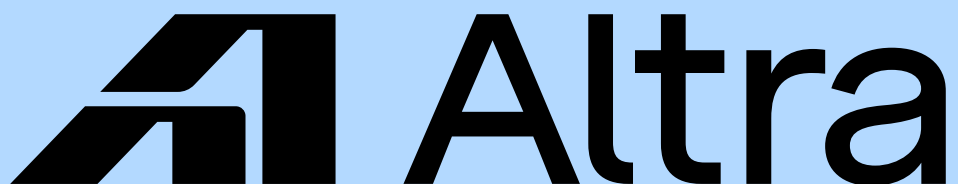
Preliminary plans



Installation of electrical and communication networks for a new near surface repositor

Design and construction

Lithuanian nuclear transformation architects



Mindaugas Kezys
Project manager
Mindaugas.Kezys@iae.lt

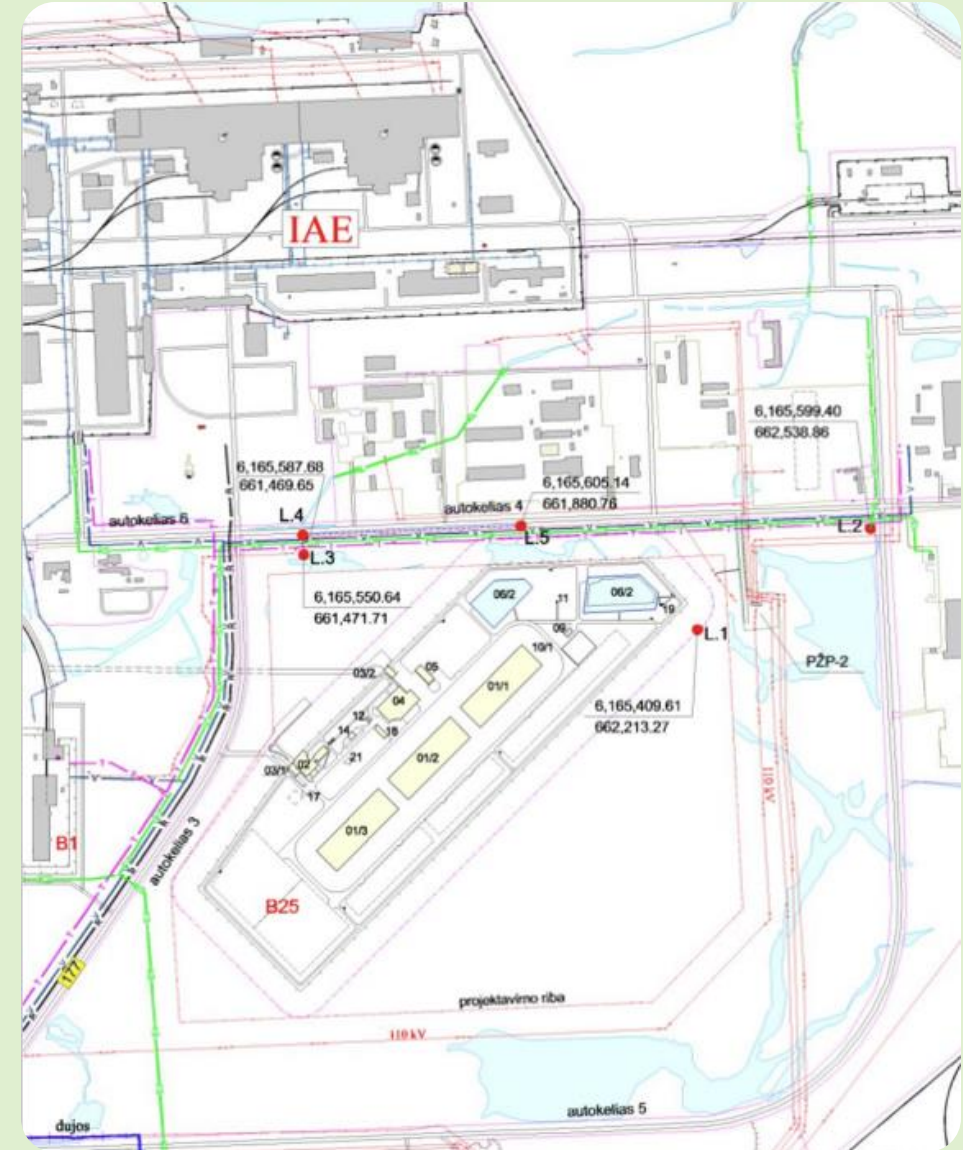


Implementation

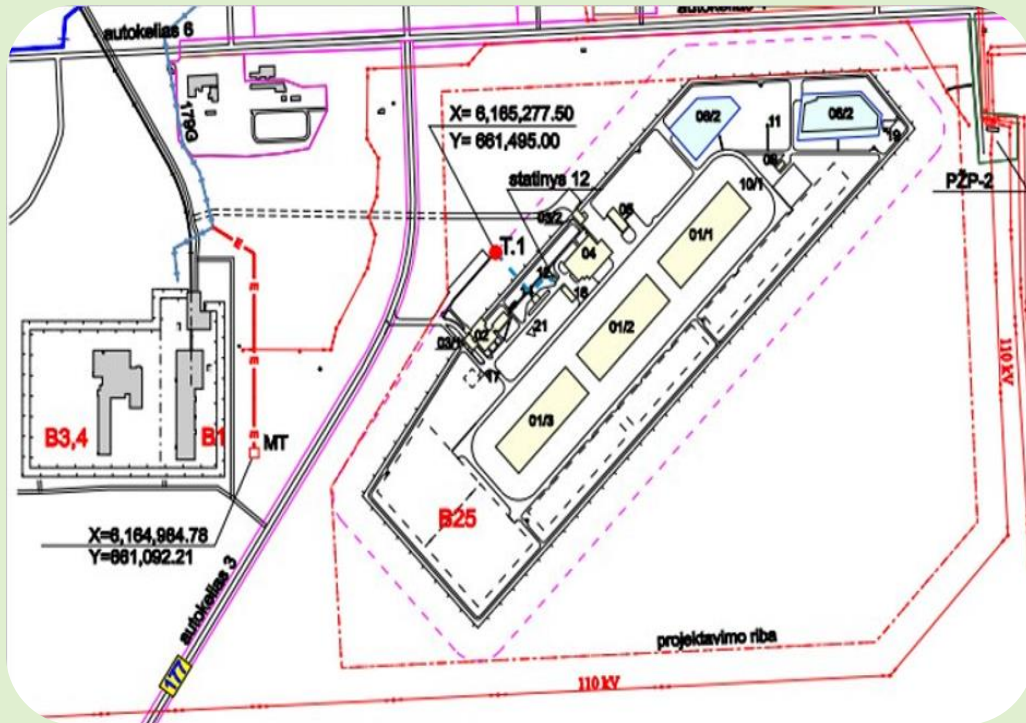
Installation of external electrical and communication networks for the near surface repositon under construction.
The goal is to ensure the need for electrical and communication networks until the start of landfill testing.

Documents for the procurement of design and construction works for the external electrical and communication networks of the surface landfill under construction are currently being prepared.

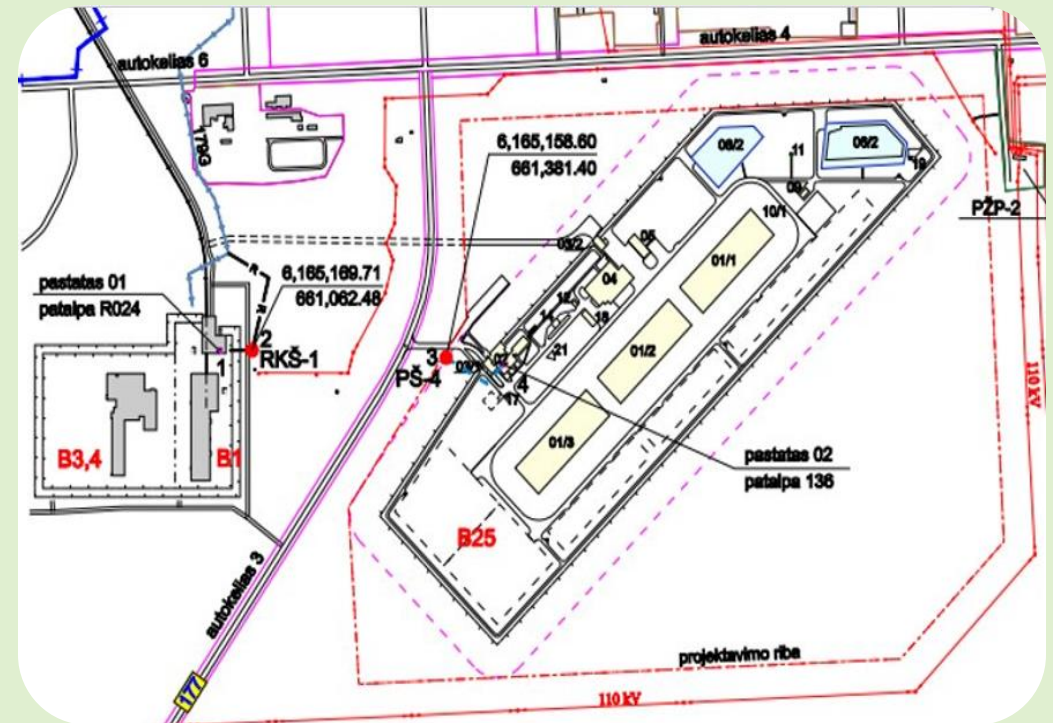
The procurement of engineering network design and construction works is planned for December 2025.



Preliminary plans



Electricity points of connection



Network line points of connection

Adaptation of infrastructure and technology for transporting radioactive waste to a new surface repository

Design, construction and products

Lithuanian nuclear transformation architects



Mindaugas Kezys
Project manager
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Implementation

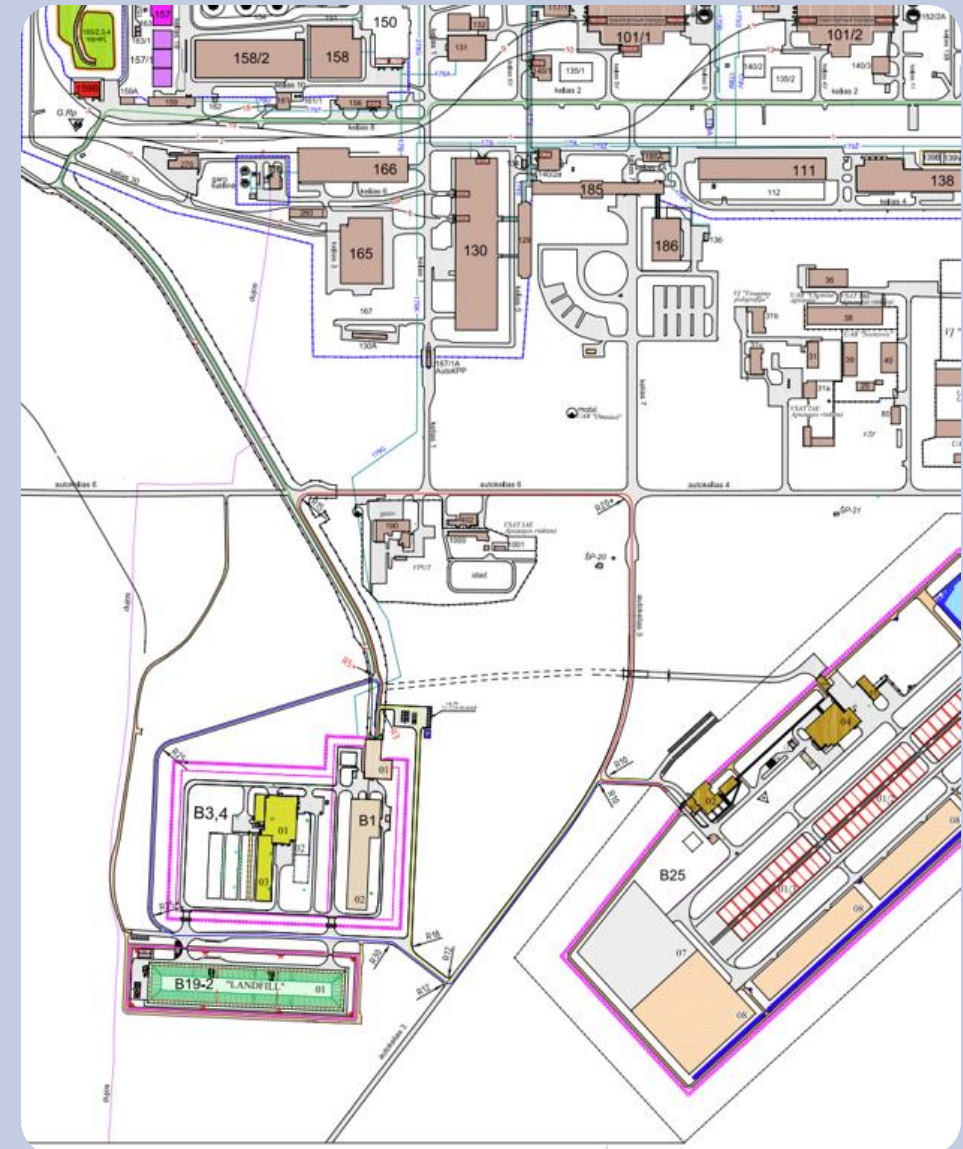
Adaptation of infrastructure for waste transportation from temporary storage to the surface disposal facility under construction.

The goal is to plan, make necessary adjustments to the infrastructure and purchase the necessary equipment before the start of the tests.

The scope is currently being refined and coordinated with stakeholders.

The procurement of technology project development and safety analysis updates is planned for the end of 2026.

The purchase of 3 IP-2 containers and infrastructure adaptation works is planned for the first half of 2027.



Procurement of design and dismantling services for the remaining equipment of Units G1 and G2

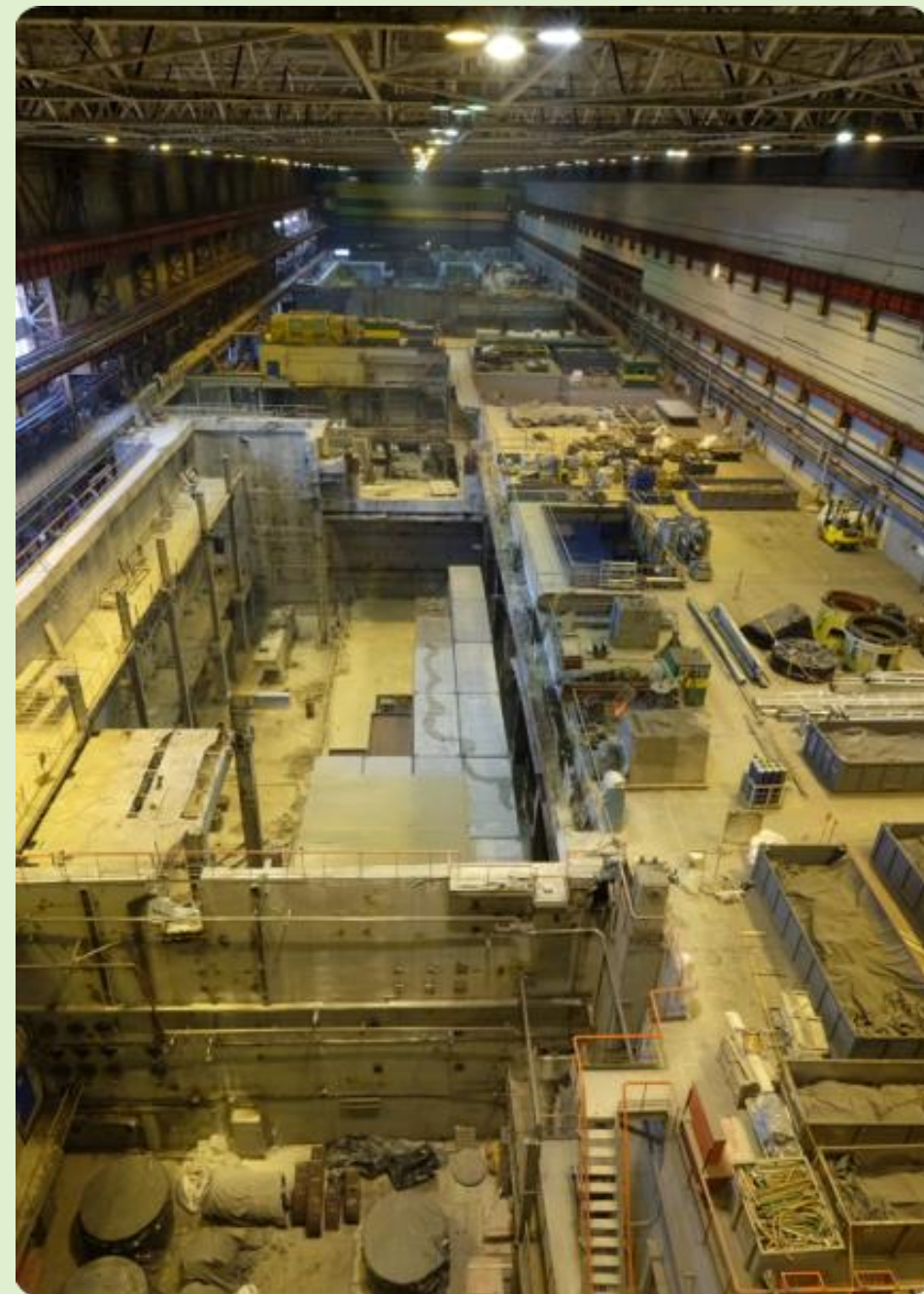
Project implementation: 2026-2030

Lithuanian nuclear transformation architects



Dmitrij Pyrčak
Project Manager
Dmitrij.Pyrcak@altra.lt

Presents:
Jurij Šapoval



Procurement stages

At the first stage, the Supplier should prepare a set of licensing documents for the dismantling and decontamination of the remaining equipment of Units G1 and G2, including its approval with Regulatory authorities. The set of documents includes:

Technological Design

Safety Analysis Report

Design for construction works (construction or simple repair)

Manufacturing, design, and technological documentation

Quality assurance plan



Procurement stages

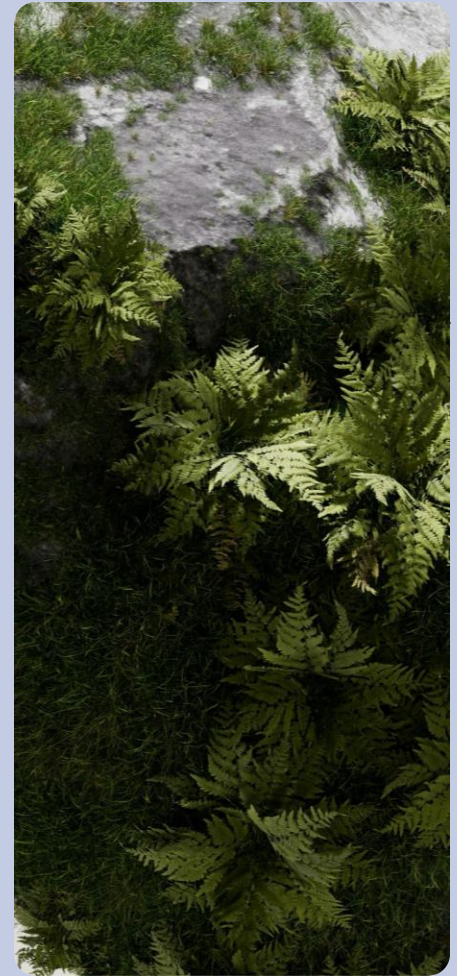
At the second stage, the Supplier should prepare the Working (Detail) Design Documentation.

At the third stage, Supplier should:

Procure or manufacture all necessary equipment and tools

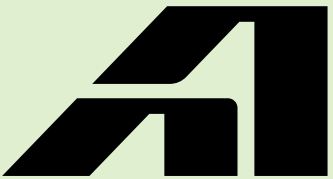
Carry out the dismantling works of the remaining equipment:

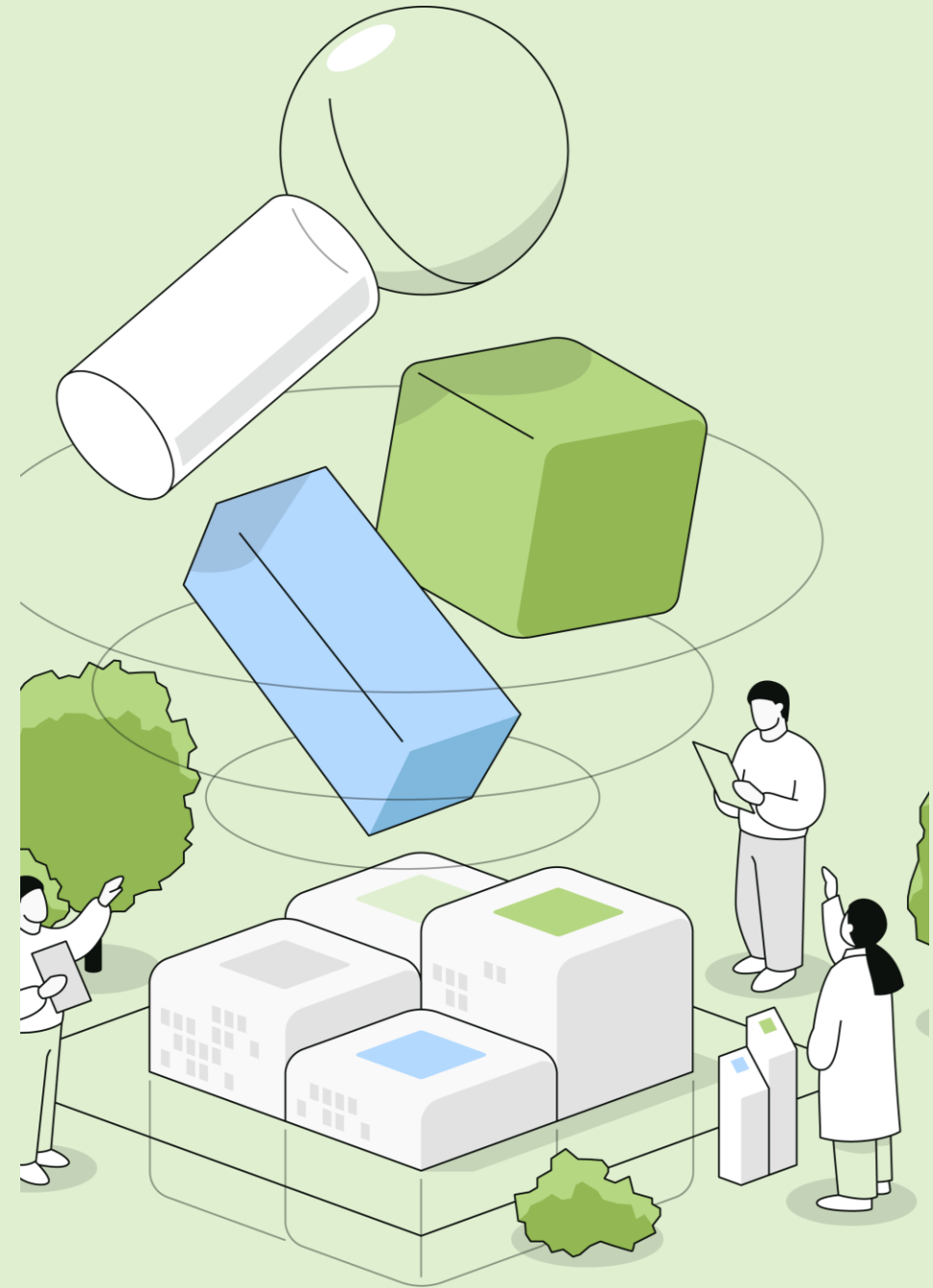
- Unit G1 – 3729 tons;
- Unit G2 – 4651 tons.



Thank you!

Lithuanian nuclear transformation architects

 **Altra**



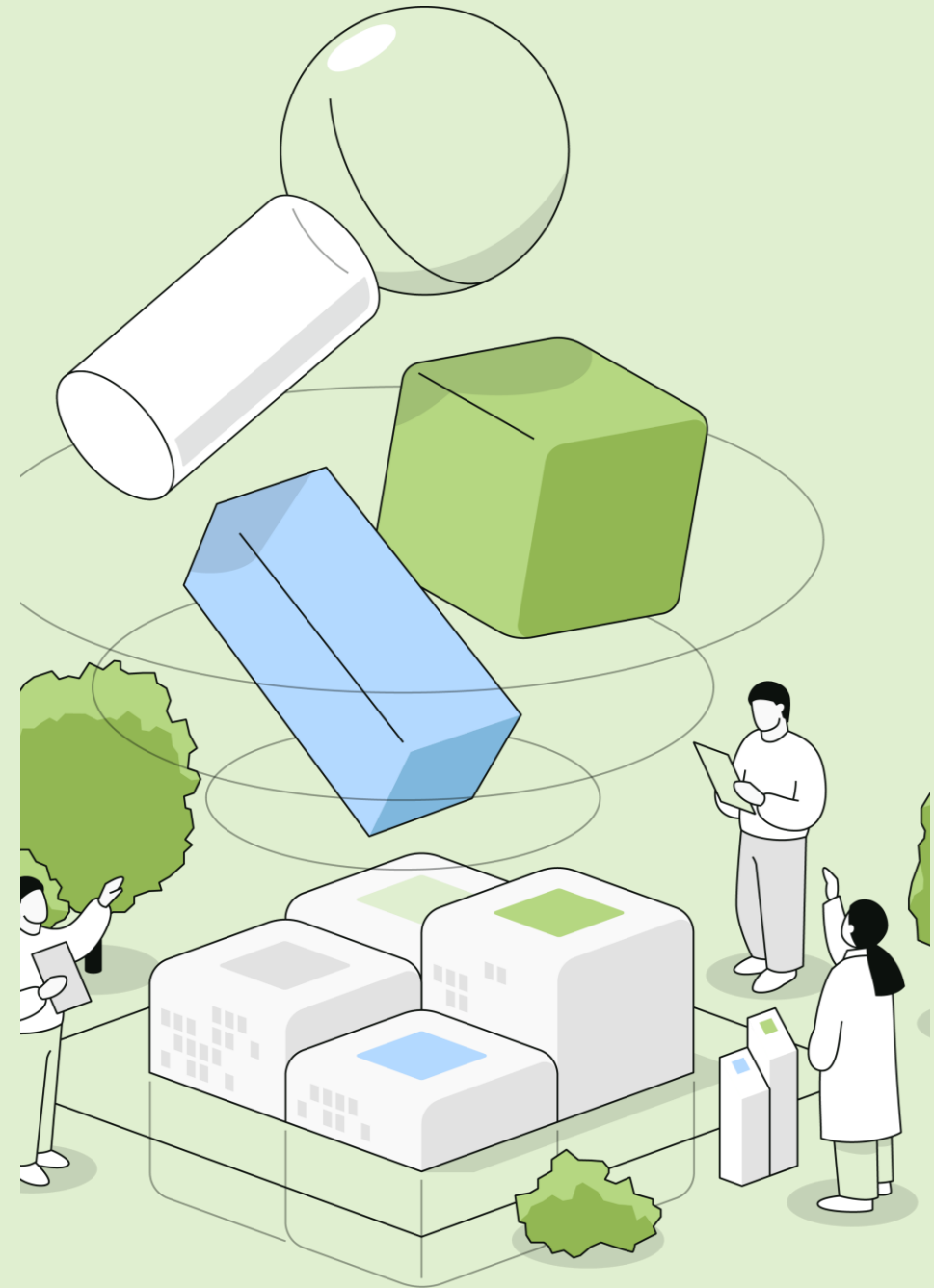
What is important to know when participating in procurement for nuclear energy facilities?

Lithuanian nuclear transformation architects



Svetlana Šubina
Procurement
Projects Manager

Procurement and
contracts division
vps@altra.lt



Let's work together: why it's worth it?

One of Europe's
largest nuclear
decommissioning
projects

Opportunity to
engage with unique
technologies and a
team of skilled
professionals

A reliable and
transparent
procurement process
compliant with
international
standards.

The annual value of
the procurement plan
is estimated at 40 to
70 million.

- Goods – 200
- Services – 130
- Works – 20

8 Dynamic
Purchasing Systems
(DPS)



Become a competitive supplier

01

Track
procurement
plans and get
ready ahead of
time

02

Submit your
questions

03

Highlight your
experience and
risk management
capabilities



Where to find us?

Central Public
Procurement
Information
System –
CVP IS

ES Tenders
electronic – TED

Central
Purchasing
Organization –
CPO.It



Register in the CVP IS system – we are waiting for you

Register yourself and your organization as a Supplier in the system

Obtain access to the user manuals and the Methodical assistance

Browse through the Frequently Asked Questions

View the latest Calls for Tenders publications

Find a specific Call for Tenders by searching the CfT registry

Join the public procurements conducted by SE Ignalina Nuclear Power Plant – your participation is welcome!



Discover active national and international public procurement opportunities currently available in the CVP IS.

Step-by-Step Guide:

1. Choose your preferred language (e.g., English) to enhance your experience.
2. Enter the name of the Contracting Authority→ Valstybės įmonė Ignalinos atominė elektrinė.
3. Click “Search”.
4. Browse the results and explore procurement opportunities.

Advanced search Latest CFTs Latest Notices EN ▾

Name of Contracting Authority ⓘ

Search results

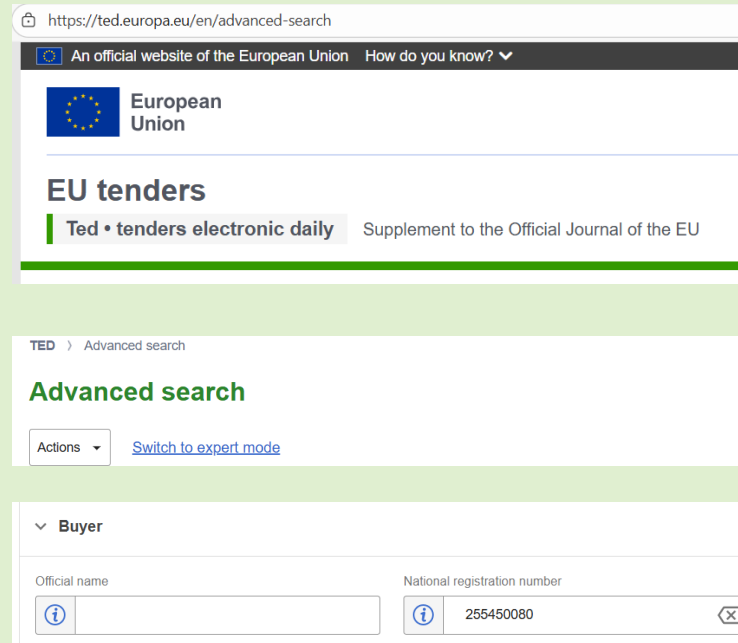
10 Results Per page | Displaying 1-10 / 114 results in total

#	Title	Resource ID	CA	Data published	Tenders Submission Deadline	Procedure	Status	Notice PDF	Award date	Estimated value	Cycle
1	200 litų valstybės tarnybai esančių EDA pakla...	5086299	Valstybės įmonė Ignalinos atominė elektrinė	11/11/2025 09:50:21	16/12/2025 09:00:00	Open	Tender Submission			0.00	1
2	DAK (šiluminis nešiklis) pildyti patalynės sutarčių atnaujinimo darbus (patalynės pakeitimai)	5184804	Valstybės įmonė Ignalinos atominė elektrinė	03/11/2025 09:41:07	04/12/2025 09:00:00	Open	Tender Submission			0.00	1
3	Vienos tūris informacijos gavimo procedūra (valstybės įmonė)	5222681	Valstybės įmonė Ignalinos atominė elektrinė	31/10/2025 10:59:52	01/11/2025 23:59:00	Preliminary Market Consultation	Concluded				1



Or search the TED database specifically for international public procurements

- Looking beyond national tenders? Explore international opportunities on the TED database.
- To find our international public procurements use Advanced search.
- Enter the buyer's national registration number (255450080) or official name (State Enterprise Ignalina Nuclear Power Plant) to view our currently published procurements.



The screenshot shows the TED Advanced Search interface. At the top, the URL is <https://ted.europa.eu/en/advanced-search>. Below the URL bar, there is a navigation bar with the European Union logo and the text "An official website of the European Union" and "How do you know?". The main heading is "EU tenders" with a subheading "Ted • tenders electronic daily" and "Supplement to the Official Journal of the EU". The page is titled "TED > Advanced search" and "Advanced search". There is a dropdown menu for "Actions" and a link to "Switch to expert mode". Under the "Buyer" section, there are two input fields: "Official name" and "National registration number". The "National registration number" field contains the value "255450080".



Procurement and market engagement: What are our expectations for Suppliers?

Procurement planning

- Follow publicly available information and participate in market consultations.
- Provide requested information about goods, services, and works.
- Introduce yourself and present your products.
- Submit indicative pricing information.

Procurement initiation

- Actively participate in market consultations
- Provide comments on the technical specifications
- Respond thoroughly to questions asked during the market consultation

Procurement execution

- Carefully review the requirements of the procurement documents.
- If you notice any errors, inaccuracies, or ambiguities, submit your questions before the proposal deadline.
- Assess whether you are capable of properly fulfilling the contract.
- Submit all requested documents and information together with your proposal.
- Respond promptly to any questions or requests received.

Contract award

- Sign the contract on time and, if required, submit the guarantee, licenses, and other relevant documents.

Contract execution

- Perform the contract in accordance with its requirements – on time and properly.



Procurement documents and requirements

A

Instructions for Suppliers

B

Public sales and purchase contract

C

Forms of supplier's tender documents

D

Other information

E

Technical specification

B. DRAFT PUBLIC SALES AND PURCHASE CONTRACT

<http://toltec.cpva.lt/Reports/Document.aspx?DocumentId=33114&s=c5fb&status=1&partid=92b70>

B. FORM OF THE SALES AND PURCHASE CONTRACT OF THE FIRST PART OF THE PROCUREMENT

Contents

A.	INSTRUCTIONS FOR SUPPLIERS	4
1.	Services Being Purchased	4
2.	Terms	4
3.	Participation	5
4.	Contract Type	5
5.	Procurement Lots	5
6.	Tender Validity and Guarantee	5
7.	Language of Tenders	6
8.	Requirements for the Submission of Tenders	6
9.	Encryption of Tenders	7
10.	Documents Included in the Tender	8
11.	European Single Procurement Document	8
12.	Price of Tenders	9
13.	Grounds for Exclusion of the Supplier	9
14.	Qualification Requirements	13
15.	Quality Management System Requirements	16
16.	Additional Information Before Expiry of the Tender Submission Deadline	17
17.	Modification and Withdrawal of Tenders	17
18.	Access to Tenders	17
19.	Examination, Assessment, Comparison of Tenders and Determination of the Winner	17
20.	Contract Award and Contract Performance Guarantee	21
21.	Termination of the Procurement Procedure	22
22.	Complaint Handling Procedure	22
B.	DRAFT PUBLIC SALES AND PURCHASE CONTRACT	23
B.	FORM OF THE SALES AND PURCHASE CONTRACT OF THE FIRST PART OF THE PROCUREMENT	23
C.	FORMS OF SUPPLIERS' TENDER DOCUMENTS	51
C.	SUPPLIER'S TENDER FOR THE FIRST PART OF THE PROCUREMENT	51
	Annex No 1 to the First Part of the Tender	53
	DECLARATION OF THE SUPPLIER (EXAMPLE)	53
	Form of the List of Main Delivered Goods and/or Provided Services, and/or Completed Works	57
	TENDER GUARANTEE FORM	58
D.	OTHER INFORMATION	60
	FORM OF TRANSFER AND ACCEPTANCE DEED OF THE SERVICES	60
	Form of the Tripartite Settlement Contract	61
	FORMS FOR SECURING THE PERFORMANCE OF OBLIGATIONS	67

Duration of the procurement procedure

01

> 2 months

Preparation,
market research

02

~ 1–2 months

Document
preparation and
coordination

03

~ 2–3 months

Procedure
execution and
proposal
evaluation

04

~ 1 month

Procedure
alignment and
contract conclusion

05

Contract



A product important for safety?

National Security –
Energy Facility of
Strategic
Importance

Nuclear
Safety
Requirements
(NSR)

Quality
Assurance
Plan

Compliance
audit

ISO 9001

State Nuclear
Power Safety
Inspectorate
(VATESI)

License to operate
in an environment
of ionizing
radiation



Proposal: what matters most



Clear understanding of project goals

A realistic and feasible technical solution

Responsibility, transparency, and a team-oriented approach



Contract performance: what matters most

01

Compliance with the technical specification:

Do the goods, services, or works meet the parameters set out in the technical specification

02

Defects:

Are there any defects in the goods or works?

03

Payment and handover documents:

Have all the required documents for payment and work handover been submitted?



Prospects for partnership

We are committed to building lasting relationships.

Suppliers become our partners, not just service providers

Together, we strive for efficiency, innovation, and safety.



Most common supplier mistakes

01

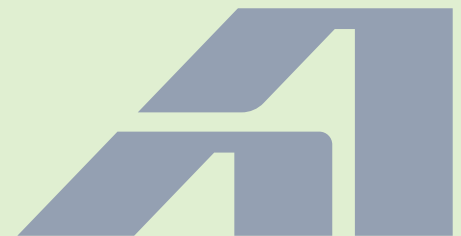
Unsigned or inaccurate documents.

02

Failure to ask questions during the procurement stage

03

Unrealistically low or non-compliant pricing



Let's build a safe future together

Trust, collaboration,
professionalism

Transparency and
shared values –
our strength

Let's ensure the
success of the
project together



Let's connect

<https://altra.it/>

vps@altra.it



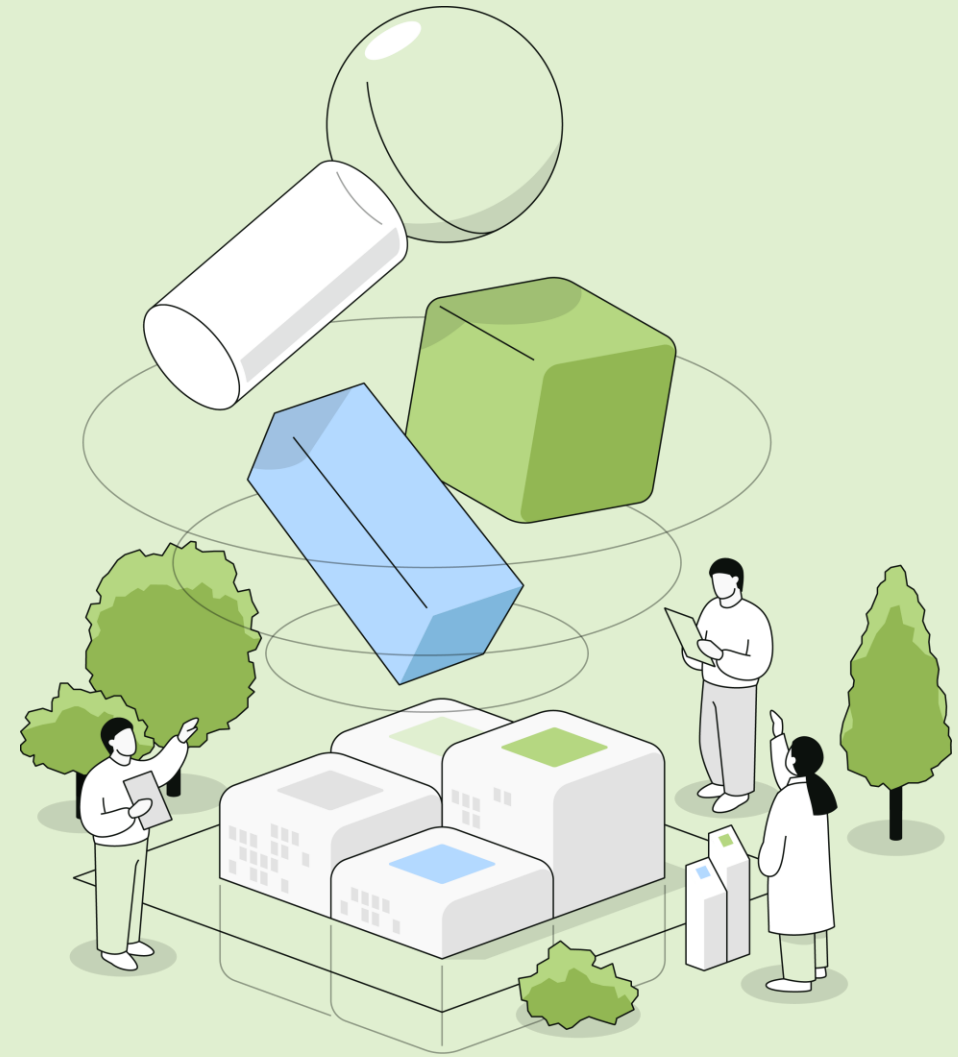
Thank you for your attention!

Your questions and suggestions are valuable.
Let's communicate so we can grow together.

Lithuanian nuclear transformation architects



Let's connect on
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Questions & Answers