



**EEM**

Eesti Energomontaaž

# Who are we?

We began our corporate activities in 1950 under the name SEVZAPENERGOMONTAZH. Our company was originally created to construct power plants in the Baltic countries of Estonia, Latvia and Lithuania. In 1990 the state owned company was privatized and Eesti Energomontaaž was established with private shareholdings. EEM directly employees more than 200 people. Our financial turnover in 2023 was €18,02 million.

- ISO 9001, ISO 14001, ISO 45001
- EVS-EN 1090-1:2009+A1:2011
- EN ISO 3834-2:2021

# List of services

- Installation and supply of industrial pipelines (LP and HP)
- Manufacture, installation and reconditioning of pressure vessels
- Modification and repair of steam- and water-heating boilers
- Manufacture of spare parts for steam- and water-heating boilers and mechanical equipment
- Manufacture and installation of steel structures
- Manufacture and construction of tanks and reservoirs
- Insulation works

# Production plant:

- Working area 3,000 m<sup>2</sup>
- Machine shop – single-aisle building
- Machine-assembly shop – double-aisle building
- Outdoor facility for assembly of large-size items
- Cranes 5 t and 30 t
- Machinery: lathes, milling and boring machines, gas plasma system and other equipment for mechanical work
- Workshop for fabrication of fixings and parts for insulation
- Indoor storage facility 450 m<sup>2</sup>
- Capacity 120 tn per month

# Dynamic Effective Experienced

We have been operational for more than two decades in the North – Eastern European market. We have dozens of satisfied clients and case studies demonstrating our reliability, professionalism and track record. Throughout this time we have been on the cutting edge of the industry ensuring that our customers have the optimum solution at the best price.

Our case studies are an impressive record of the scale and scope of our projects for some of the biggest and most demanding customers in the Baltic region. It is our intention to be one of the major players in Europe during the next decade.

# Precise Effective Solutions

At EEM we listen carefully to our customers' requirements and tailor solutions to achieve results within budget and on-time.

Our customer service staff are always ready to respond to your questions.

We have a project management team that is experienced and pragmatic, while our engineers receive ongoing training to ensure their capabilities are of the highest level, always abreast of new technologies and approaches, in order to deliver precise effective solutions.

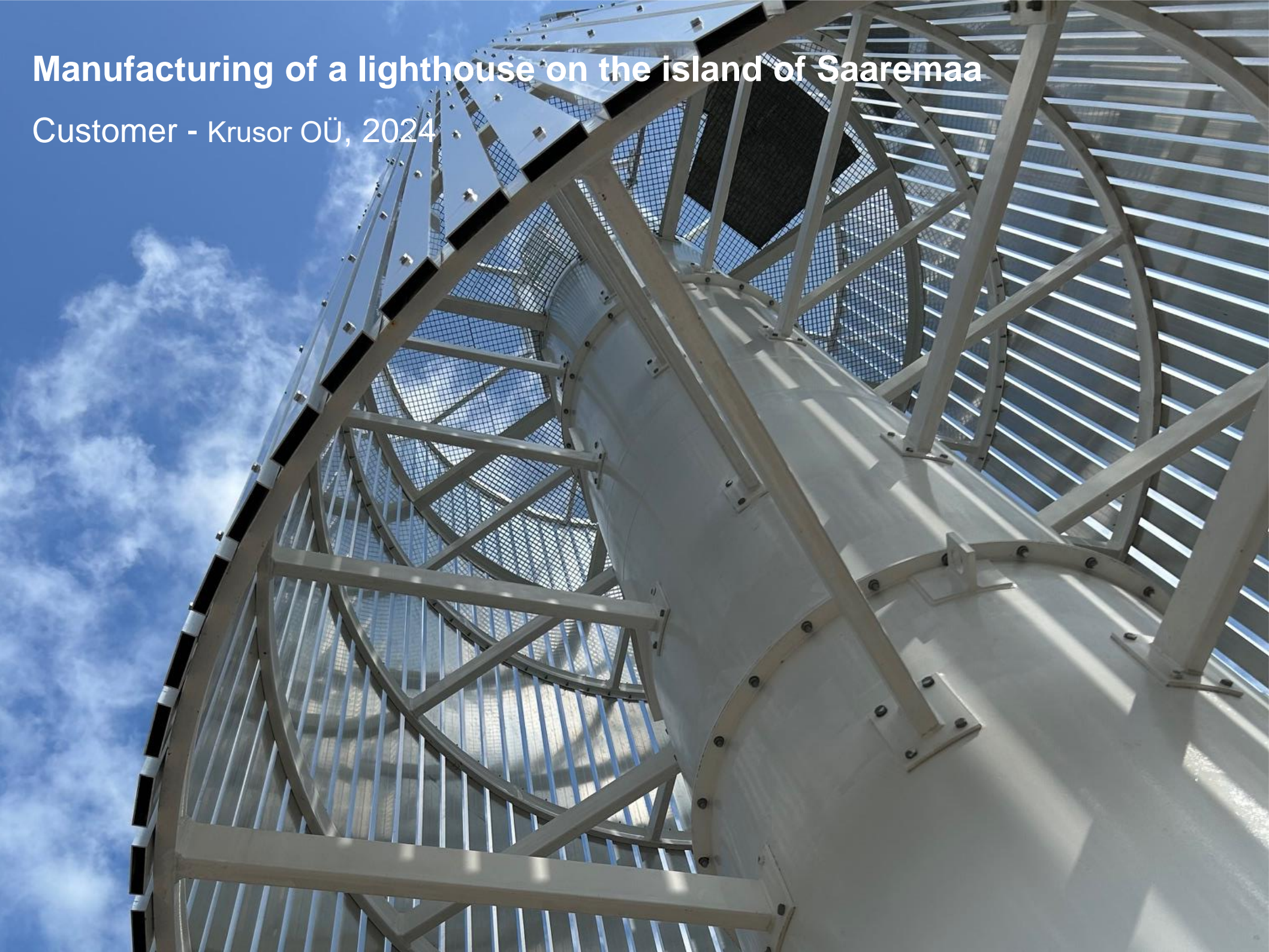


# RECENT PROJECTS

2020-2024

# Manufacturing of a lighthouse on the island of Saaremaa

Customer - Krusor OÜ, 2024





# Mounting of non-boiler piping at a Retort Plant

Customer - Enefit Power AS, 2024



# Mounting of non-boiler piping at a Retort Plant, 2024

**Location of object:** Enefit 280-2 Shale Oil Plant, Auvere

**Customer:** Enefit Power AS

## **Brief description of work:**

- Erection of pipelines of the non-boiler piping and secondary steel supports
- Supply of all piping materials and components, primary and secondary supports

# Change out of the K-202 column of the Petroter 1 Plant, with a subsequent connection to the process line

Customer - VKG Oil AS, 2024



# Change out of the K-202 column of the Petroter 1 Plant, with a subsequent connection to the process line, 2024

**Location of object:** Kohtla-Järve

**Customer:** VKG Oil AS

## **Brief description of work:**

- Dismantling of the old column body with service platforms and technological piping, including: pipelines, gas pipelines, pumping and heat exchange equipment, as well as foundations and supporting elements of the technological piping of the column
- Mounting of a new column K-202 with service platforms, pressure piping of pump- and heat exchange equipment, technological piping of the column with connection to the technological line of the Petroter I Plant.
- Thermal insulation work

# Fabrication and erection of the equipment for flare gas installation at Enefit 280-2 Shale Oil Production Plant

Customer - Enefit Power AS, 2024



# **Fabrication and erection of the equipment for flare gas installation at Enefit 280-2 Shale Oil Production Plant, 2024**

**Location of object:** Enefit 280-2 Shale Oil Plant, Auvere

**Customer:** Enefit Power AS

## **Brief description of work:**

- Manufacture, supply and installation of flare seal vessel, flare stack and oily water storage hopper with stairs and platform, oily water pumps
- Mounting of piping and piping components, valves, non-rotating equipment, secondary supports, measuring instruments, anchorage works
- Painting

# Erection of the equipment and TMZ piping into reactors

Customer - VKG Oil AS, 2024



# Erection of the equipment and TMZ piping into reactors, 2024

**Location of object:** Kohtla-Järve

**Customer:** VKG Oil AS

## **Brief description of work:**

- Dismantling of the concrete bath and supply pipelines, as well as dismantling of non-functional equipment at the Sicon gallery
- Construction of the concrete foundations for a new gallery of the TMZ pipeline, new supports, tanks and pumps
- Fabrication and mounting of a new rack for supplying TMZ to Petroter reactors
- Fabrication, delivery and erection of the new equipment and renovation of the old equipment for TMZ into Petroter reactors
- Mounting of bunkers, pipelines, placing of pumps, conveyors and tanks



# Installation of the electrostatic precipitator and flue ducts at Pärnu Boiler House

Customer - Gren Eesti AS, 2024



# Installation of the electrostatic precipitator and flue ducts at Pärnu Boiler House, 2024

**Location of object:** Pärnu

**Customer:** Gren Eesti AS

**Brief description of work:**

- Dismantling of existing cyclones and pipelines
- Relocation of existing fans
- Installation of multicyclones, flue gas fans and ESP filter
- Supply, installation of connecting pipes and ash remove screws
- Insulation work

# Construction of a Heavy Oil Purification Plant

Customer - KKT Oil OÜ, 2023



# Construction of a Heavy Oil Purification Plant, 2023

**Location of object:** Kiviõli

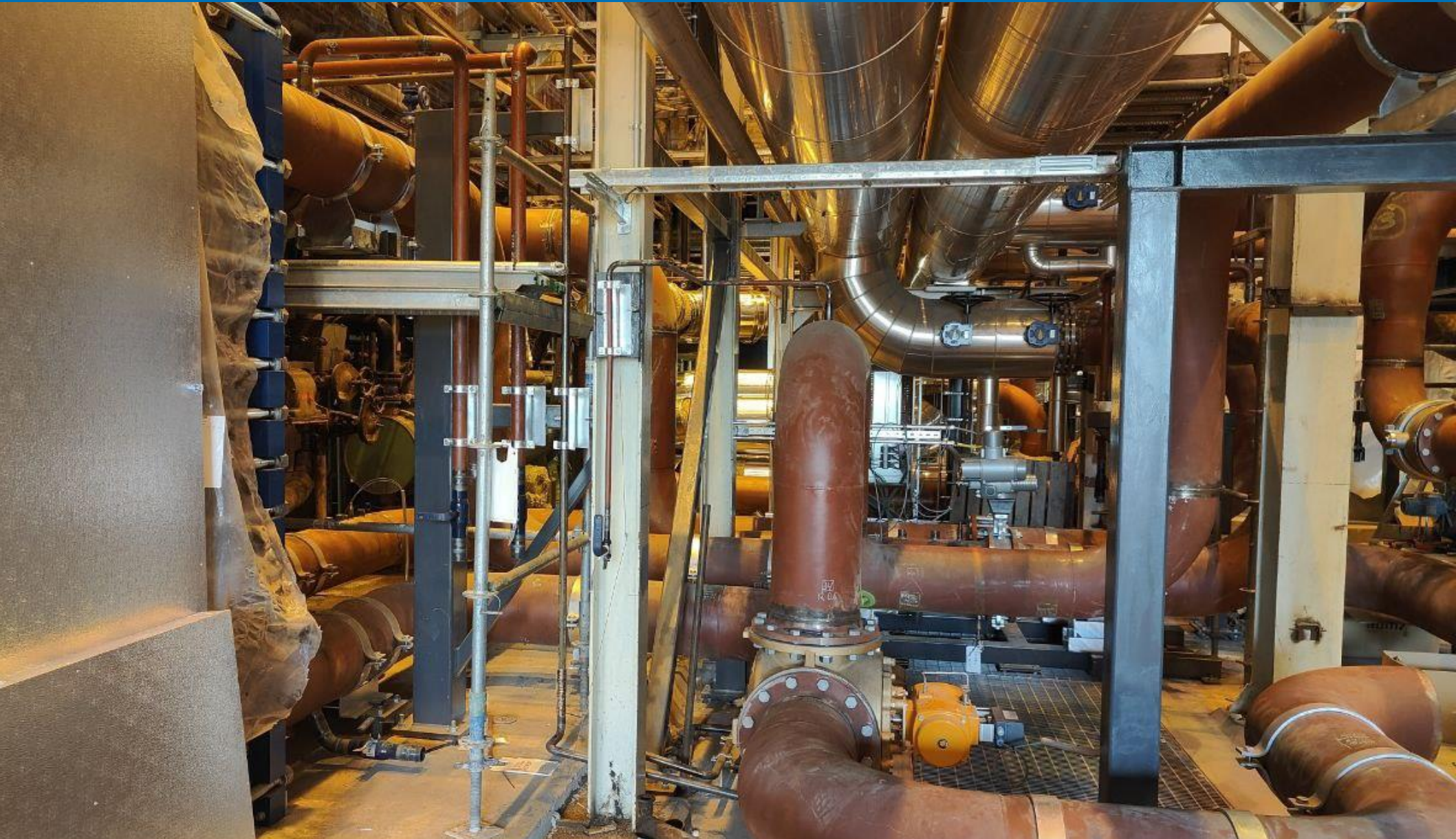
**Customer:** KKT Oil OÜ

**Brief description of work:**

- Detailed design of technological equipment, communications and structures (up to the WP stage)
- Production and installation of non-standard technological equipment
- Purchase and installation of the necessary standard equipment
- Production and installation of shut-off valves, pipelines, service platforms, and other communications
- Connecting equipment and participating in commissioning work

# Vaskiluoto 2x60MW electrical boiler and heat storage piping construction works

Customer - Vaasan Voima OY, 2023



# Vaskiluoto 2x60MW electrical boiler and heat storage piping construction works, 2023

**Location of object:** Vaasa, Finland

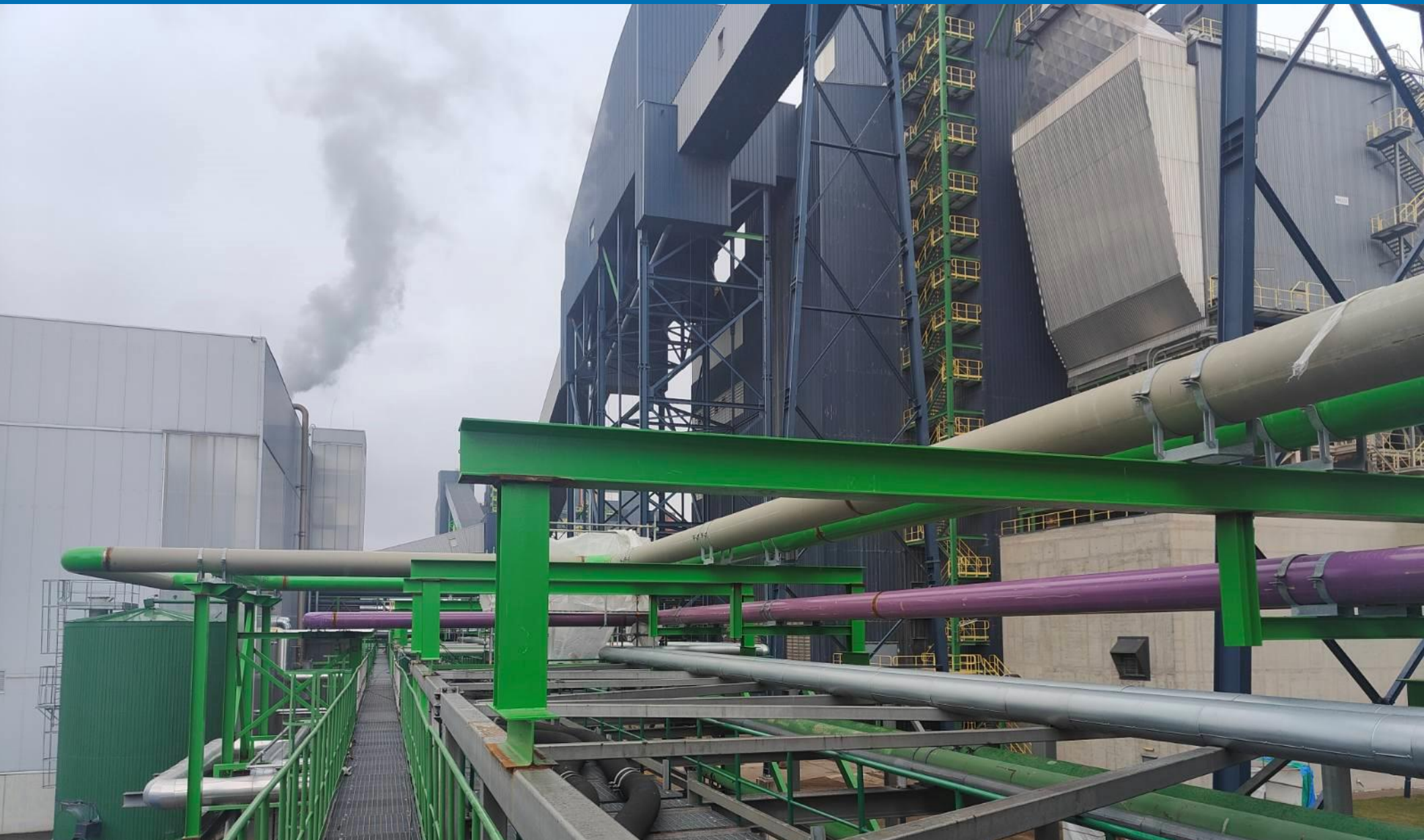
**Customer:** Vaasan Voima OY

**Brief description of work:**

- Installation of process equipment inside the pumping house (including mechanical installation of the boiler)
- Procurement and installation of pipe supports
- Installation of piping
- Installation of manual and control valves and flow meters

# Installation of process pipelines of the Southern Overpass at Enefit280-2

Customer - Enefit Power AS, 2023



# Installation of process pipelines of the Southern Overpass at Enefit280-2, 2023

**Location of object:** Enefit 140, Enefit 280 and Enefit 280-2 Shale Oil Plants

**Customer:** Enefit Power AS

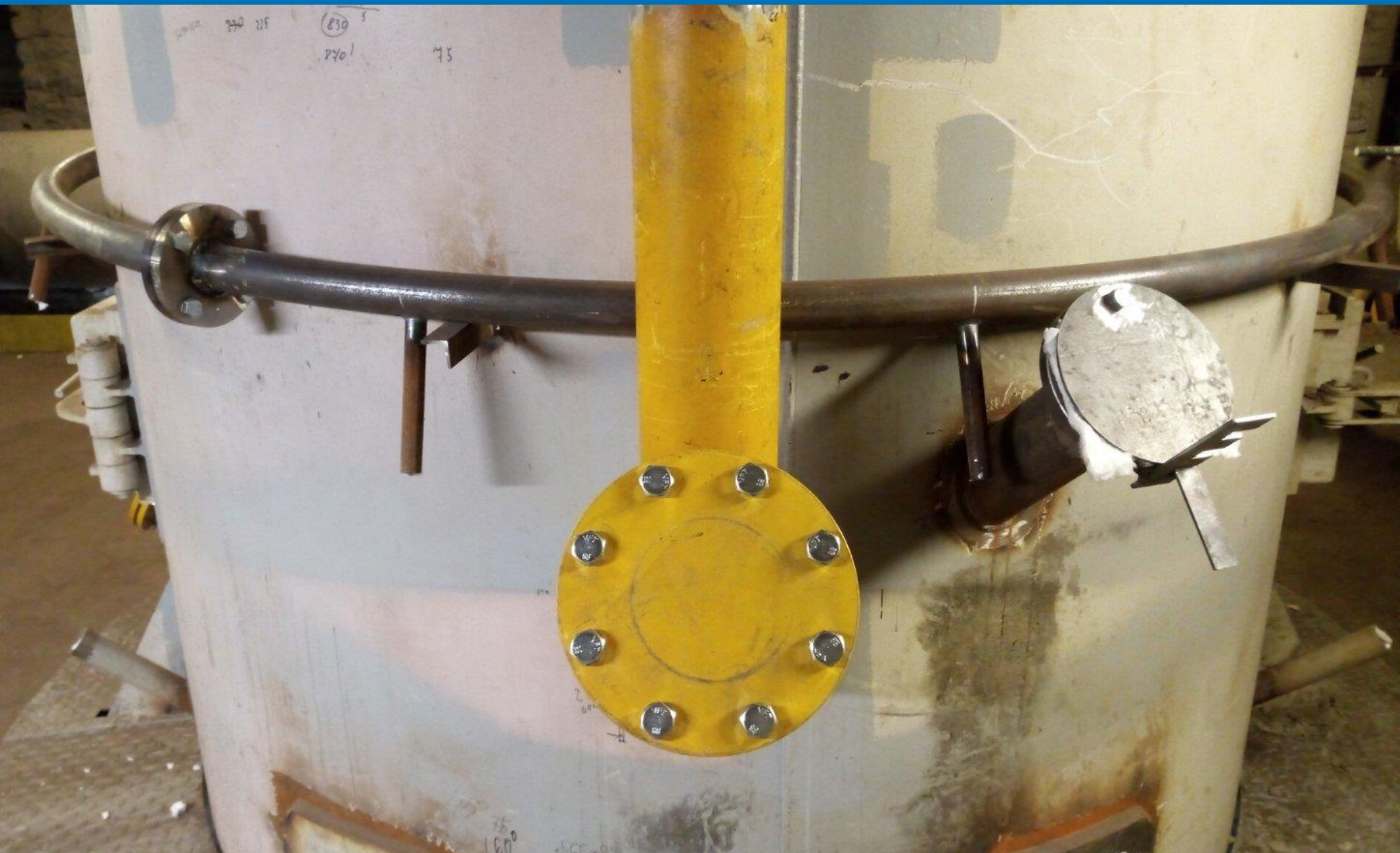
**Brief description of work:**

- Supply and installation of process pipelines
- Purchase and/or installation of necessary equipment and materials
- Exploration and measurement work
- Commissioning



# Overhaul of the Gas Generator No. 20 of the GGS-4 Union

Customer - VKG Oil AS, 2023



# Overhaul of the Gas Generator No. 20 of the GGS-4 Union, 2023

**Location of object:** Kohtla-Järve

**Customer:** VKG Oil AS

**Brief description of work:**

- Dismantling works, including the old foundation and making of a new one
- Complete replacement of metal structures and lining of the gas generator, with delivery of metal structures, parts, assemblies and materials necessary for repair
- Thermal insulation
- Painting

# Implementation of the project for the transportation of heavy metal residues from filters to bunkers B-1 and B-110 UPTLSO

Customer - VKG Oil AS, 2023



# Implementation of the project for the transportation of heavy metal residues from filters to bunkers B-1 and B-110 UPTLSO, 2023

**Location of object:** Kohtla-Järve

**Customer:** VKG Oil AS

**Brief description of work:**

- Manufacturing and installation of process water pipeline, TMZ pipeline, extrusion line pipelines
- Dismantling, modernization and installation of leaks
- Manufacturing and installation of supporting metal structures and service platforms
- Foundations and supports for the pumps

# Erection and installation works for Enefit 280-2 Shale Oil Production Plant Turbine Unit mBoP

Customer - Enefit Power AS, 2023



# Erection and installation works for Enefit 280-2 Shale Oil Production Plant Turbine Unit mBoP, 2023

**Location of object:** Enefit 280-2 Shale Oil Plant

**Customer:** Enefit Power AS

**Brief description of work:**

- Supply, installation and erection of piping and piping components
- Supply, installation and erection of instrumentation and instrument cabling, impulse pipes, junction boxes, accessories etc.
- Supply, installation and erection of valves and associated accessories
- Detailed engineering, supply, installation and erection of insulation
- Painting

# Installation of equipment and pipelines of the Fire Extinguishing system of the Filtration Unit

Customer - Firetek OÜ, 2023



# Installation of equipment and pipelines of the Fire Extinguishing system of the Filtration Unit, 2023

**Location of object:** Kiviõli

**Customer:** Firetek OÜ

**Brief description of work:**

- Installation of equipment and pipelines
- Manufacturing and installation of fire towers for installation monitors
- Manufacturing and installation of supporting metal structures for pipelines
- Construction of foundations for fire towers and supports pipelines
- Insulation of fire water pipeline DN200



# Fabrication and replacement of the two 5<sup>th</sup> -units of the ash heat exchanger ZT-123 of the Petroter I Plant

Customer - VKG Oil AS, 2022



# Fabrication and replacement of the two 5<sup>th</sup> -units of the ash heat exchanger ZT-123 of the Petroter I Plant, 2022

**Location of object:** Kohtla-Järve

**Customer:** VKG Oil AS

**Brief description of work:**

- Production and replacement of the two fifth units of the ash heat exchanger
- Installation of thermal insulation in the units and switchgears of the ash heat exchanger

# Reconstruction of Boilers PTVM-100 No. 2 and No. 3

Customer - AS Utilitas Tallinn, 2022



# Reconstruction of Boilers PTVM-100 No. 2 and No. 3, 2022

**Location of object:** Tallinn

**Customer:** AS Utilitas Tallinn

**Brief description of work:**

- Manufacturing and installation of boiler water-walls, flue and air ducts, supporting metal structures and service platforms
- Supply and installation of equipment
- Insulation works
- Painting

# Replacement of the Waste Heat Boiler KU-126 at the Petroter I Facility

Customer - Scanweld AS, 2022



# Replacement of the Waste Heat Boiler KU-126 at the Petroter I Facility, 2022

**Location of object:** Kohtla-Järve

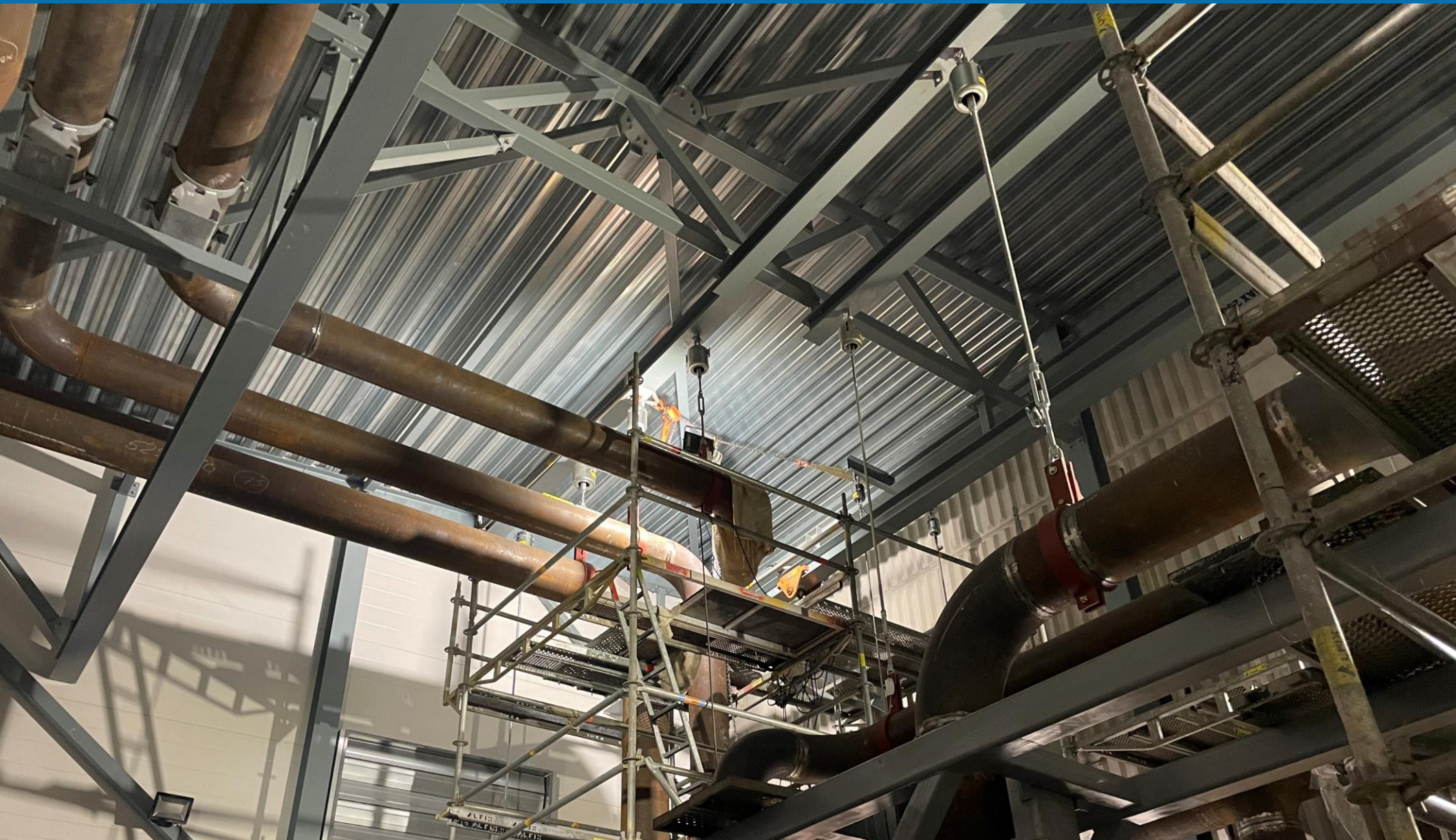
**Customer:** Scanweld AS

**Brief description of work:**

- Dismantling of the old waste-heat boiler and its auxiliary equipment
- Manufacture and supply of equipment
- Subsequent installation of the new waste-heat boiler and its equipment

# Installation of pipelines and equipment for the 40 MW Electric Hot Water Boiler

Customer - Seinäjoen Voima OY, 2022



# Installation of pipelines and equipment for the 40 MW Electric Hot Water Boiler, 2022

**Location of object:** Seinäjoki, Finland

**Customer:** Seinäjoen Voima OY

**Brief description of work:**

- Manufacture, supply and installation of pipelines and supporting metal structures
- Installation of equipment
- Insulation
- Painting



# Reconstruction of pipelines at the Fibenol OÜ Facility

Customer - Graanul Biotech OÜ, 2022



# Reconstruction of pipelines at the Fibenol OÜ Facility, 2022

**Location of object:** Imavere

**Customer:** Graanul Biotech OÜ

**Brief description of work:**

- Supply and installation of equipment
- Fabrication and installation of pipelines and secondary supports (stages 1 and 2)
- Insulation
- Painting

# Construction of the technological facility for disposal of still residues at AS Eastman

Customer - Napal AS, 2021



# Construction of the technological facility for disposal of still residues at AS Eastman, 2021

**Location of object:** Kohtla-Järve

**Customer:** Napal AS

**Brief description of work:**

- Production and installation of pipelines and equipment
- Insulation works

# Construction of the new Facility for production of pelletized resins at the PPR plant of Novotrade Invest AS

Customer - VNK AS, 2021



# **Construction of the new Facility for production of pelletized resins at the PPR plant of Novotrade Invest AS, 2021**

**Location of object:** Kohtla-Järve

**Customer:** VNK AS

**Brief description of work:**

- Construction, installation and commissioning works for the construction of a new facility for the production of pelletized resins at the PPR Novotrade Invest AS plant (stages 1,2 and 3)

# Construction of the South Dublin Energy Center

Customer - Fortum Ireland LTD, 2021



# Construction of the South Dublin Energy Center, 2021

**Location of object:** South Dublin, Ireland

**Customer:** Fortum Ireland LTD

**Brief description of work:**

- Manufacturing of vessels V-10m<sup>3</sup>, V-2m<sup>3</sup>
- Prefabrication and installation of pipelines, equipment and secondary supports
- Insulation of pipelines and vessels
- Commissioning



# Modernization of the CFB to increase the combustion of retort gas at the Auvere Power Plant

Customer - Sumitomo SHI FW Energia OY, 2021



# Modernization of the CFB to increase the combustion of retort gas at the Auvere Power Plant, 2021

**Location of object:** Vaivara, Auvere

**Customer:** Sumitomo SHI FW Energia OY

## **Brief description of work:**

- Installation of the boiler lower and upper retort gas burners, new furnace wall openings, retort gas pipelines and auxiliary piping
- Dismantling and installation of secondary air ducts, steel structures and platforms
- SNCR system installation

# Design, construction, and commissioning of pipelines for retort gas and pyrolysis water

Customer - Enefit Power AS, 2021



# **Design, construction, and commissioning of pipelines for retort gas and pyrolysis water, 2021**

**Location of object:** Vaivara, Auvere

**Customer:** Enefit Power AS

**Brief description of work:**

- Design, construction, and commissioning of pipelines for retort gas, pyrolysis water and urea transporting to the boiler room

# Manufacturing of pipelines and equipment at Imavere

Customer - OÜ Graanul Biotech, 2020



# Manufacturing of pipelines and equipment at Imavere, 2020

**Location of object:** Imavere

**Customer:** Graanul Biotech OÜ

**Brief description of work:**

- Pipelines and steel structures design
- Pipelines and steel structures manufacturing
- Supply and installation of equipment

# Low NOx modification at Tisova Power Plant

Customer - Fortum Power and Heat Oy, 2020



# Low NOx modification at Tisova Power Plant, 2020

**Location of object:** Czech Republic, Tisová

**Customer:** Fortum Power and Heat Oy

**Brief description of work:**

- OFA nozzles, boiler openings and other details design, supply and installation
- Air ducts, expansion joints, metal structures manufacturing and installation



# Installation of DH piping and support structures

Customer - Vaasan Voima Oy, 2020



# Installation of DH piping and support structures, 2020

**Location of object:** Finland, Vaasa

**Customer:** Vaasan Voima Oy

**Brief description of work:**

- Installation of DH piping
- Manufacturing and installation of support structures
- Installation of equipment
- Insulation
- Painting works

Detailed case studies are available on request.  
If you require more information please contact us:

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