

COMPANY PORTFOLIO
2026

MESA
ENGINEERING

SINCE 2026 · RUSSIA

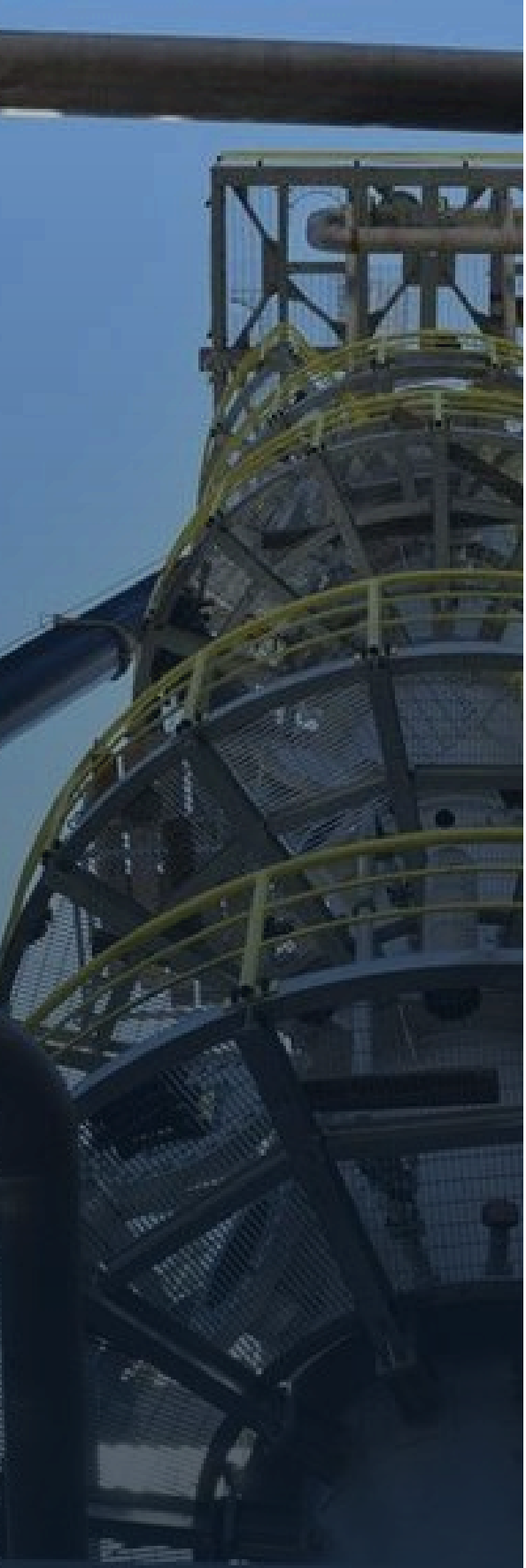
MESA ENGINEERING

Mark III Membrane Systems · Insulation · Piping · Coatings

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COMPANY PORTFOLIO

2026

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01 — ABOUT THE COMPANY

About our company

A young company with an experienced team. MESA Engineering's leadership has managed some of Russia's largest petrochemical, LNG, mining and marine projects.



8+
MAJOR PROJECTS COMPLETED

6
REGIONS / INDUSTRIAL SITES

2026
YEAR FOUNDED

Full cycle

of engineering services, managed at CEO level

A new brand

an agile, client-focused and innovative business model

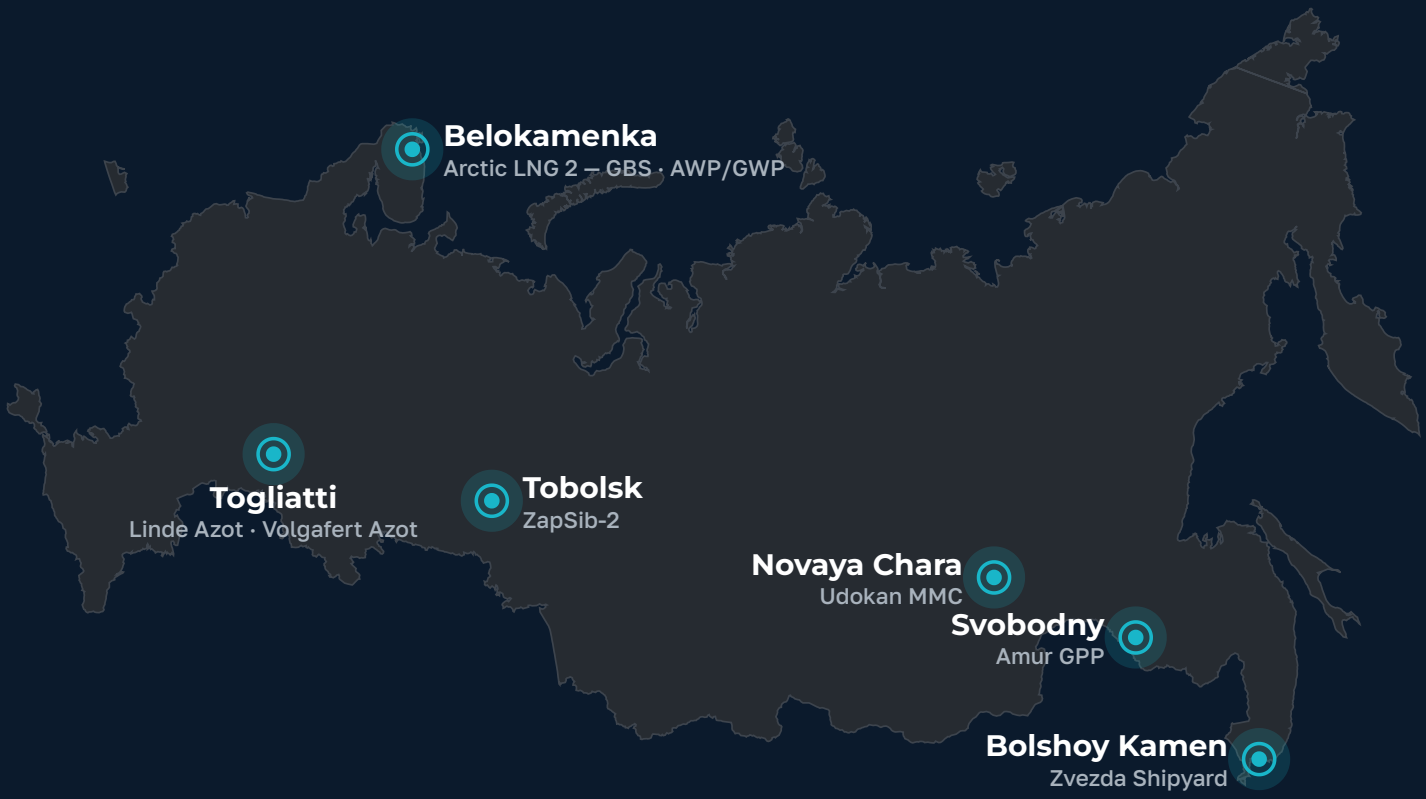
CORE COMPETENCIES

- Mark III membrane systems and LNG cryogenic tanks
- Hot and cold insulation of piping and equipment
- Piping installation
- Fabrication of covers and shaped elements
- Painting and coatings

01 — ABOUT THE COMPANY · GEOGRAPHY

6 regions — from the Arctic to the Pacific

From the Kola Peninsula to Primorye.



Belokamenka 2 projects Murmansk Region	**Togliatti** 2 projects Samara Region	**Tobolsk** 1 project Tyumen Region
Novaya Chara 1 project Zabaykalsky Krai	**Svobodny** 1 project Amur Region	**Bolshoy Kamen** 1 project Primorsky Krai



02 — VISION & MISSION

Vision & mission

01
VISION

To become the region’s engineering and construction contractor of choice: **technical excellence, safety and on-time delivery** — in the harshest conditions.

02
MISSION

Reliable, world-class engineering solutions for the petrochemical, energy, mining and marine industries. **Turning the trust earned on every project into long-term partnership.**

03 — SERVICES

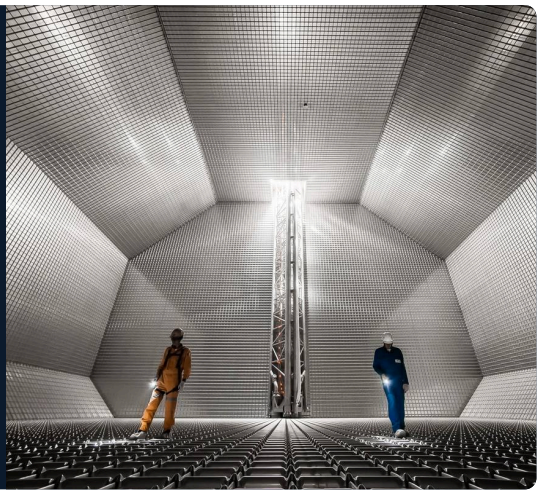
Our services

01

PRIORITY AREA · P. 07

Mark III Membrane Systems

Installation of Mark III cryogenic tanks and LNG systems.



02

PRIORITY AREA

Hot Insulation

Thermal insulation of high-temperature piping and equipment.

03

PRIORITY AREA

Cold Insulation

Specialized insulation of cryogenic and low-temperature systems.

04

Piping Installation

Fabrication, installation and commissioning of piping at industrial facilities.

05

Covers & Shaped Elements

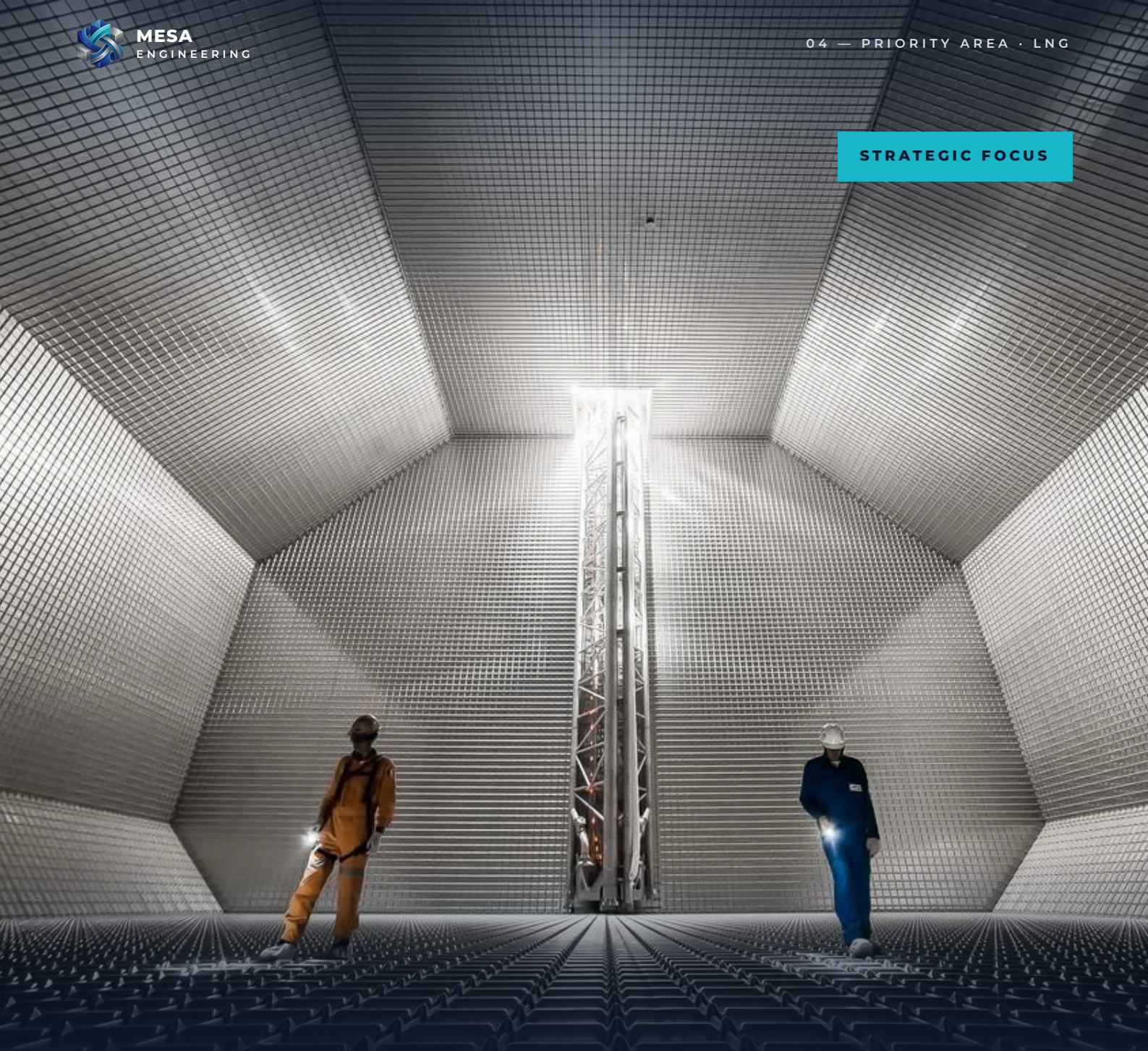
Fabrication of removable valve and flange covers and shaped cladding elements.

06

Painting & Coatings

Protective coatings and passive fire protection of structural steel — p. 11.

STRATEGIC FOCUS



MARK III

Mark III membrane systems

Installation of cryogenic tanks and LNG systems.

Zvezda Shipyard

Bolshoy Kamen · Arc7 LNG carriers

Arctic LNG 2 — GBS

Belokamenka · 2024

Full cycle

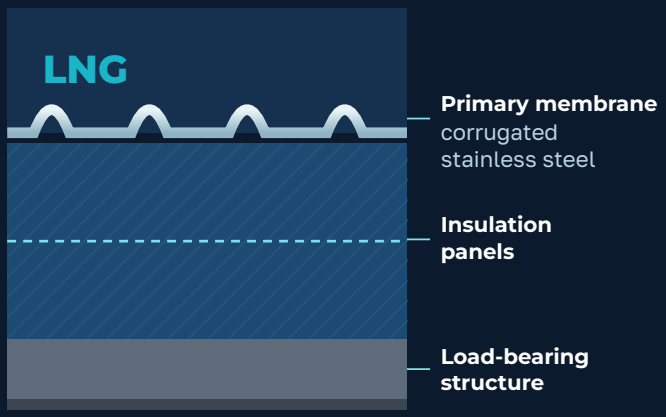
Site works management

TECHNOLOGY

How the Mark III system works

Corrugated stainless steel membrane + insulation panels = a liquid-tight cryogenic containment.

DIAGRAM · TANK WALL SECTION



Simplified illustration, not to scale.

- **High assembly precision**
- **Quality control at every stage**
- **Strong safety culture**

OUR EXPERIENCE

Cryogenic tanks: from the Arctic to Primorye

Zvezda Shipyard and Arctic LNG 2 — GBS.







INSULATION

Piping and equipment insulation

From high-temperature to cryogenic systems.

Hot

High temperatures

Cold

Cryogenic systems

References

Linde Azot · ZapSib-2 · Volgafert Azot · Amur GPP · Arctic LNG 2

TWO REGIMES — ONE GOAL

Hot and cold insulation





High temperatures

Thermal insulation of high-temperature piping and equipment.

- Reduced heat loss
- Personnel protection
- Stable process conditions

REFERENCES

Linde Azot | ZapSib-2 | Volgafert Azot | Amur GPP

Cryogenic temperatures

Specialized insulation of cryogenic and low-temperature systems.

- Maintaining process fluid temperature
- Protection against heat ingress
- Prevention of condensation

REFERENCES

Linde Azot | ZapSib-2 | Volgafert Azot | Arctic LNG 2



06 — PROTECTIVE COATINGS

Fire protection and coating of structural steel

Structural steel, piping, equipment.

WORK SEQUENCE

1. **Surface preparation**
2. **Priming**
3. **Protective and fireproofing coatings**
4. **Quality control**

Fire protection

Structural steel at industrial facilities.

Painting & coatings

Protective painting and coatings.



COATING REFERENCES

2023 **Arctic LNG 2 — AWP / GWP modules**
Insulation, painting, electrical installation

2025 **Amur GPP**
Insulation, piping installation, electrical installation, painting



PORTFOLIO

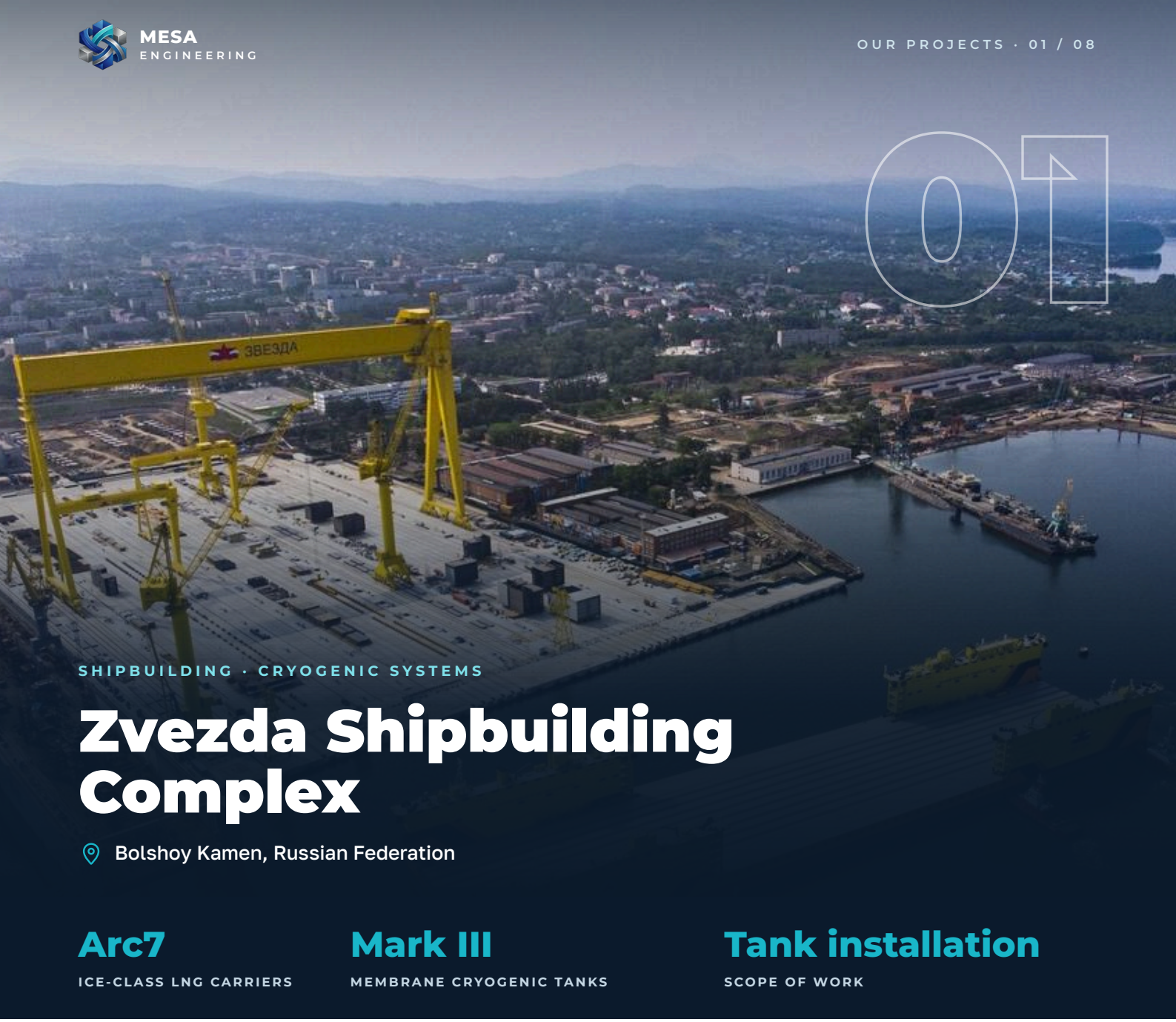
Our projects

Key projects of the MESA Engineering leadership team before the company was founded.

3	2	1	1	1
Petrochemicals	Arctic LNG	Gas processing	Mining	Shipbuilding

PROJECT TIMELINE

2017	2020	2023	2024	2025
Linde Azot	ZapSib-2	Arctic LNG 2 — AWP / GWP	Arctic LNG 2 — GBS	Amur GPP
		Volgafert Azot	Udokan MMC	



01

SHIPBUILDING · CRYOGENIC SYSTEMS

Zvezda Shipbuilding Complex

Bolshoy Kamen, Russian Federation

Arc7
ICE-CLASS LNG CARRIERS

Mark III
MEMBRANE CRYOGENIC TANKS

Tank installation
SCOPE OF WORK

LOCATION
Bolshoy Kamen, Russian Federation

SCOPE OF WORK
Installation of Mark III cryogenic tanks

ASSET
Arc7 ice-class LNG carriers

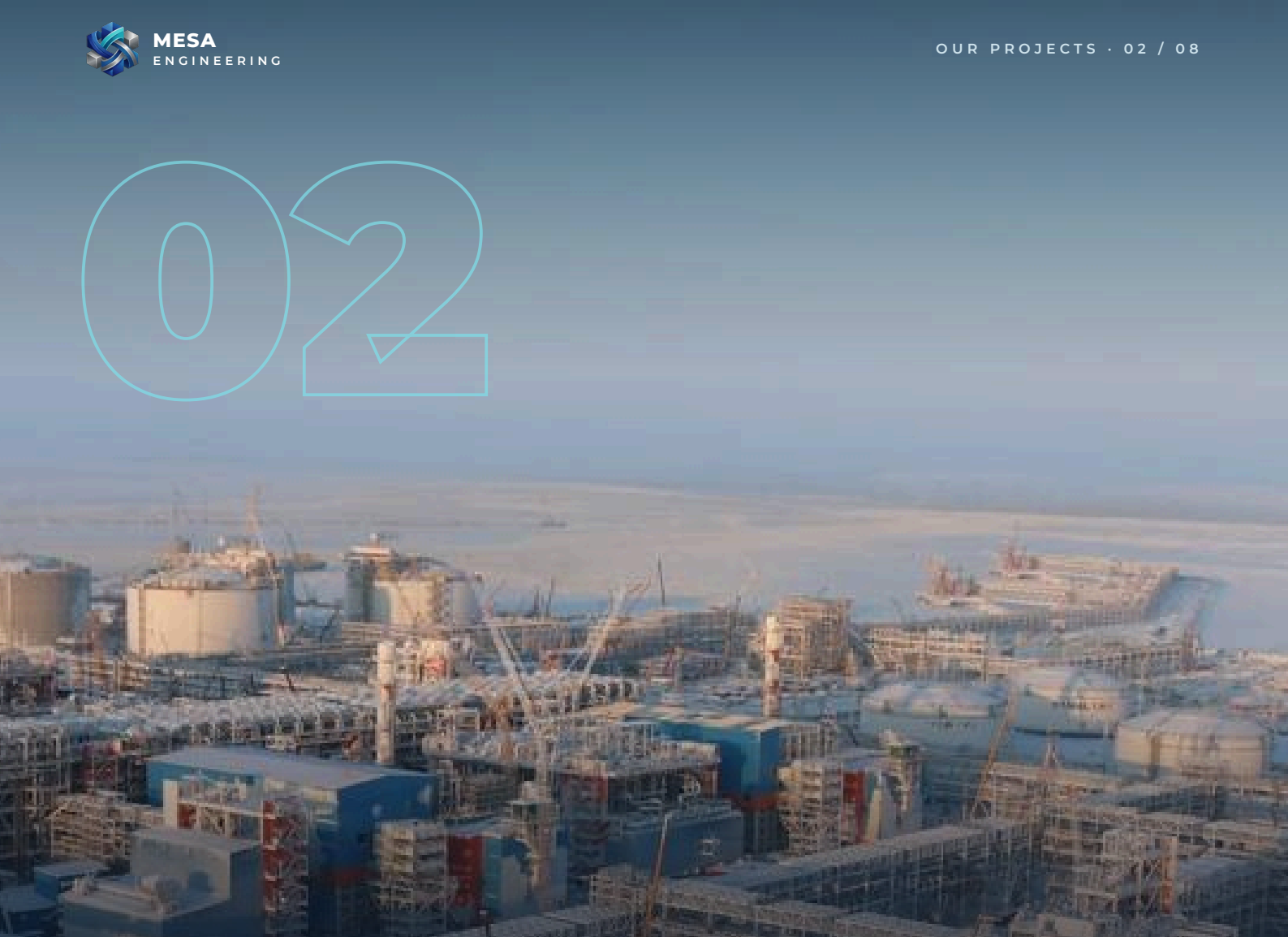
KEY DISCIPLINES

- Mark III membrane systems
- Cryogenic tanks

DISCIPLINES ON THIS PROJECT

- Mark III
- Insulation
- Piping
- Electrical
- Painting

02



LNG · ARCTIC

Arctic LNG 2 — GBS

Belokamenka, Murmansk Region, Russia

2024
YEAR COMPLETED

Insulation
CRYOGENIC TANKS

Insulation
SCOPE OF WORK

LOCATION
Belokamenka, Murmansk Region, Russia

SCOPE OF WORK
Insulation, cryogenic tanks (LNG storage systems)

COMPLETION
Q3 2024

KEY DISCIPLINES

- Insulation
- Cryogenic tanks



LNG · OFFSHORE PROJECTS

Arctic LNG 2 — AWP / GWP modules

Belokamenka, Murmansk Region, Russia

2023
YEAR COMPLETED

3 disciplines
INSULATION · PAINTING · ELECTRICAL

Integrated
SCOPE OF WORK

LOCATION

Belokamenka, Murmansk Region, Russia

SCOPE OF WORK

Insulation, painting, electrical installation

COMPLETION

Q2 2023

KEY DISCIPLINES

Insulation | Painting | Electrical

DISCIPLINES ON THIS PROJECT

Mark III | **Insulation** | Piping | **Electrical** | **Painting**



04

PETROCHEMICALS · NITROGEN INDUSTRY

Linde Azot Ammonia & Hydrogen Unit

Togliatti, Russian Federation

2017
YEAR COMPLETED

Insulation
HOT AND COLD

Insulation
PIPING AND EQUIPMENT

LOCATION
Togliatti, Russian Federation

SCOPE OF WORK
Hot and cold insulation

COMPLETION
Q2 2017

KEY DISCIPLINES

- Hot insulation
- Cold insulation

DISCIPLINES ON THIS PROJECT

Mark III | **Insulation** | Piping | Electrical | Painting



PETROCHEMICALS

ZapSib-2 Ethylene Cracker

Tobolsk, Russian Federation

LOCATION

Tobolsk, Russian Federation

SCOPE OF WORK

Hot and cold insulation

COMPLETION

Q2 2020

KEY DISCIPLINES

- Hot insulation
- Cold insulation

2020
YEAR COMPLETED

Insulation
HOT AND COLD

Insulation
PIPING AND EQUIPMENT

DISCIPLINES ON THIS PROJECT

Mark III	**Insulation**	Piping	Electrical	Painting

06

PETROCHEMICALS · NITROGEN INDUSTRY

Volgafert Azot

Togliatti, Russian Federation

2023
YEAR COMPLETED

Insulation
HOT AND COLD

Insulation
PIPING AND EQUIPMENT

LOCATION
Togliatti, Russian Federation

SCOPE OF WORK
Hot and cold insulation

COMPLETION
Q2 2023

KEY DISCIPLINES

- Hot insulation
- Cold insulation

07



GAS PROCESSING

Amur GPP

Svobodny, Russian Federation

2025
YEAR COMPLETED

4 disciplines
INSULATION · PIPING · ELECTRICAL · PAINTING

Integrated
SCOPE OF WORK

LOCATION
Svobodny, Russian Federation

SCOPE OF WORK
Insulation, piping installation, electrical installation, painting

COMPLETION
Q4 2025

KEY DISCIPLINES

Insulation · Piping installation · Electrical · Painting

DISCIPLINES ON THIS PROJECT

Mark III · **Insulation** · **Piping** · **Electrical** · **Painting**

08

MINING

Udokan Mining & Metallurgical Complex

Novaya Chara, Russian Federation

2024
YEAR COMPLETED

Insulation
AND PIPING INSTALLATION

Piping
SCOPE OF WORK

LOCATION
Novaya Chara, Russian Federation

SCOPE OF WORK
Insulation and piping installation

COMPLETION
Q2 2024

KEY DISCIPLINES

- Insulation
- Piping installation

LEADERSHIP TEAM EXPERIENCE

Additional references

Five more projects delivered by the leadership team before the company was founded.

5	2016–2020	13
ADDITIONAL PROJECTS	DELIVERY PERIOD	PROJECTS IN THE LEADERSHIP TEAM'S PORTFOLIO



2020

Sulfuric Acid Production Plant

Togliatti, Samara Region

Insulation



2019

Yamal LNG

Sabetta, Yamalo-Nenets Autonomous Okrug

LNG · Arctic



2017

PhosAgro Ammonia Unit

Cherepovets, Vologda Region

Insulation



2016

LUKOIL Vacuum Gas Oil Deep Conversion Complex

Volgograd

Insulation



2016

Gazprom Neftekhim Salavat Acrylic Acid Production

Salavat, Republic of Bashkortostan

Hot and cold insulation

Experience of the leadership team gained in previous roles; these are not MESA Engineering contracts.

08 — OUR ADVANTAGES

Why MESA Engineering?



Major-project experience — in an agile, next-generation model

01 Proven experience

Russia’s largest petrochemical, LNG and mining projects.

02 Safety first

International occupational health and safety standards on every site.

03 Integrated services

Insulation, piping, painting and fire protection — from a single contractor.

04 Harsh-environment expertise

From the Arctic to coastal facilities.

05 Partnership built on trust

Long-term cooperation and on-time delivery.

06 Next-generation agility

Founded in 2026: fast decisions, flexible management.

CONTACTS

MESA ENGINEERING

Solid foundation, reliable engineering

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