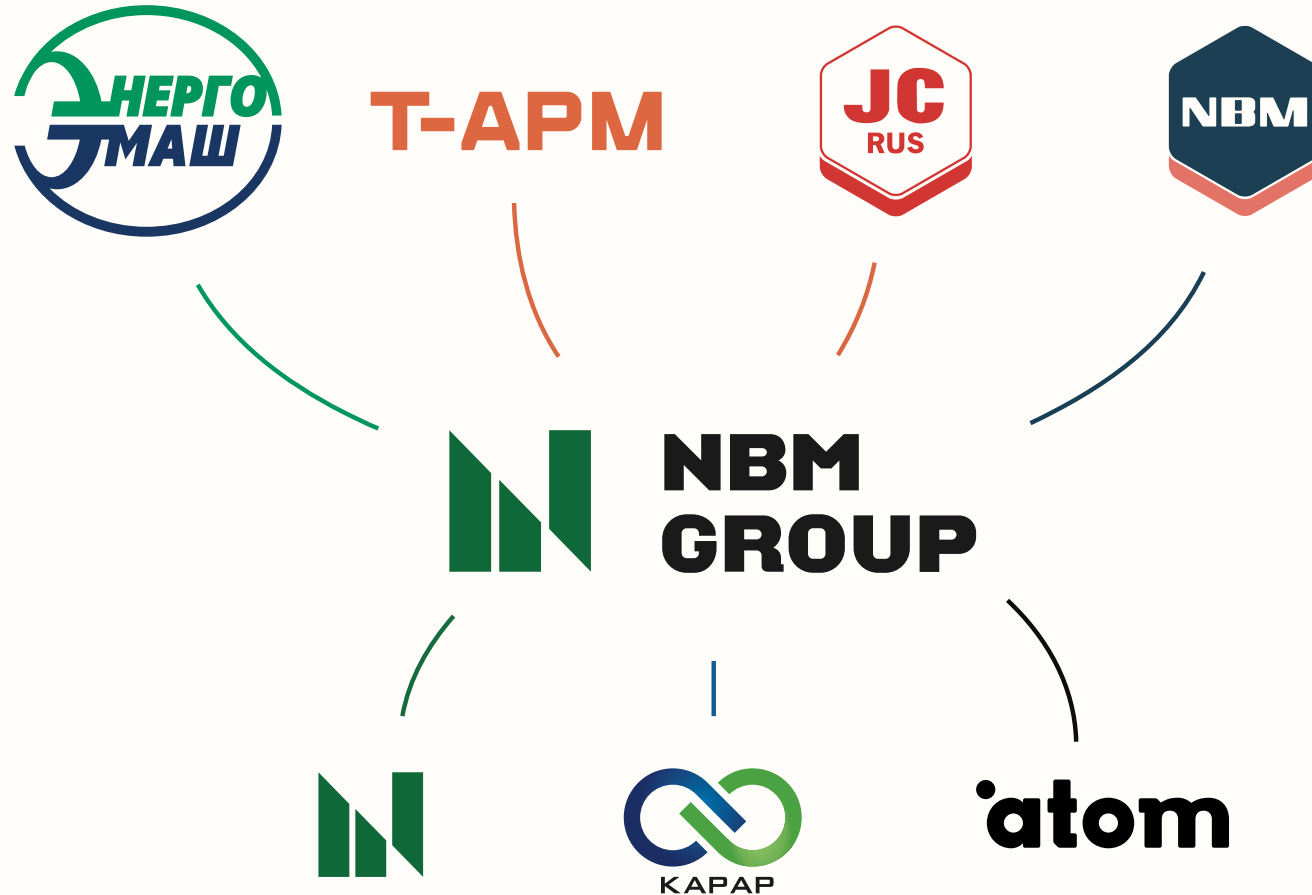




**NBM
GROUP**

Partnership strategy with NBM Group





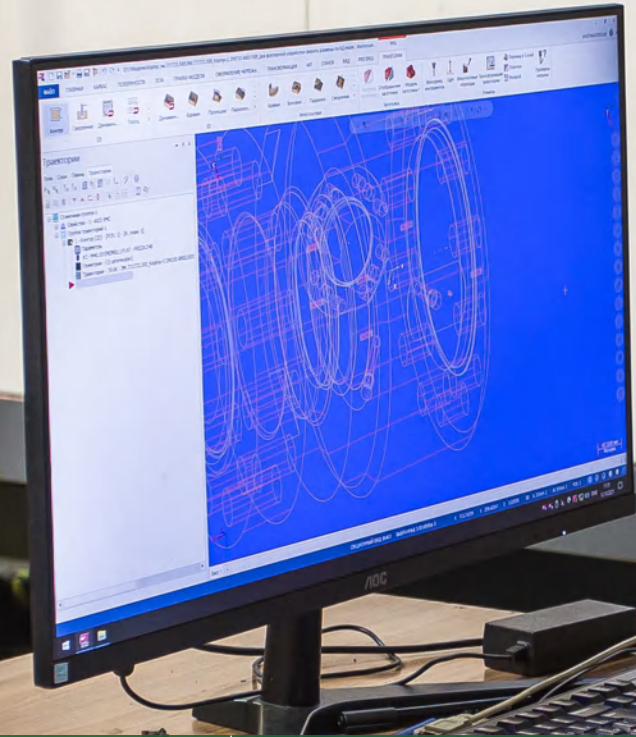
Energomash, JSC
Manufacturing
and service

T-ARM, LLC
In-house development
and manufacturing

JC Rus, LLC
Joint venture, cooperation
and development

NBM, JSC
Import of complex
technical solutions

358 professionals



65
qualified
engineers

80
production
employees

43
sales team

9
service center
specialists



Designing



Manufacturing

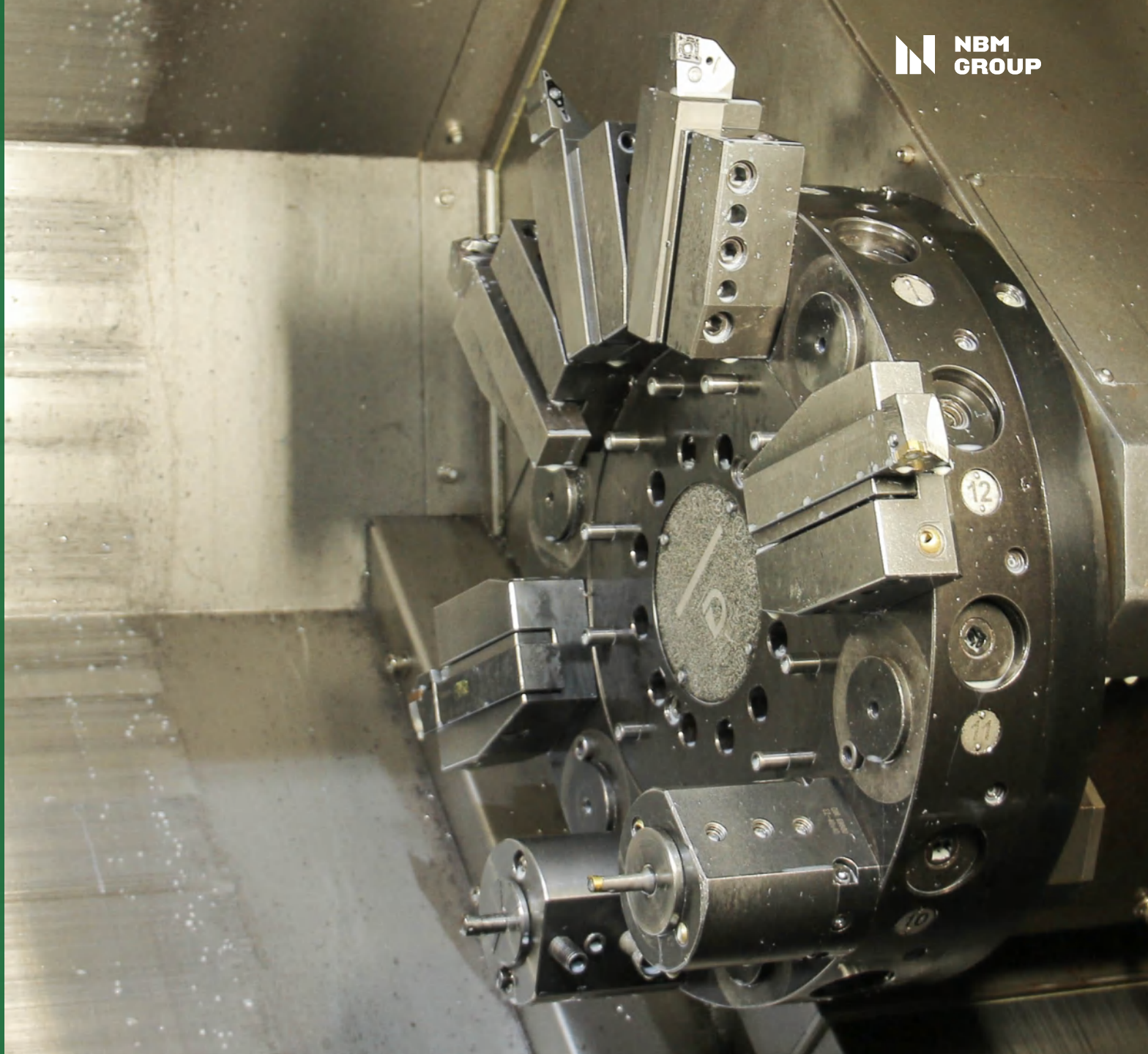


Manufacturing

Machining

19 machines

Machining of valves
up to DN 500 with an accuracy
of 5 micron



Assembly

DN_{max.} 700

PN_{max.} 420 (ANSI 2500)



Testing

10 stands:

$P_{\max. \text{ water }} = 75 \text{ MPa}$

$P_{\max. \text{ air }} = 20 \text{ MPa}$



Quality control

- 100% incoming inspection
- Visual and geometric inspection
- Chemical analysis
- Capillary flaw detection
- Ultrasonic testing
- Hydro and pneumatic testing
- Certified laboratory of non-destructive testing



Painting

- Steam cleaning chamber
- Blastroom treatment
- 2 painting and drying chambers





Packing

Accreditations and audits

Accreditations

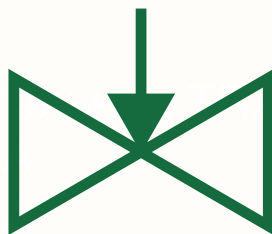
- Gazprom
- Gazpromneft
- Rosneft
- Sibur
- Irkutsk Oil Company
- Novatek
- Sakhalin Energy Investment Company

Audits

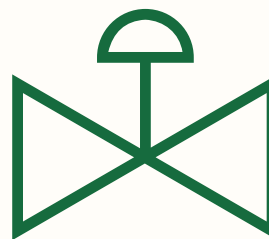
- Rosneft (Samara engineering center)
- Russian Register
- Central automation design bureau
- Chamber of commerce
- Lukoil-Nizhnevolzhskneft
- Gazpromneft
- Bashneft
- Linde Engineering Rus
- Technip FMC
- Bureau Veritas
- Leser
- RMRS
- Contstand

Supplied equipment

Control valves



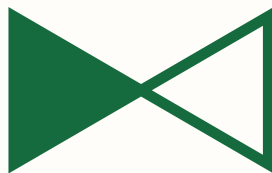
Shut-off valves



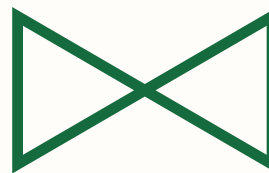
Safety valves



Check valves



On-off valves



Actuators
and attachments

Предохранительные клапаны
Обратные клапаны
Запорные клапаны
Приводы и навесное оборудование

In-house manufacturing



Ball valves

DN 25–500
PN 16–420

Control valves

DN 25–500
PN 16–420

Check valves

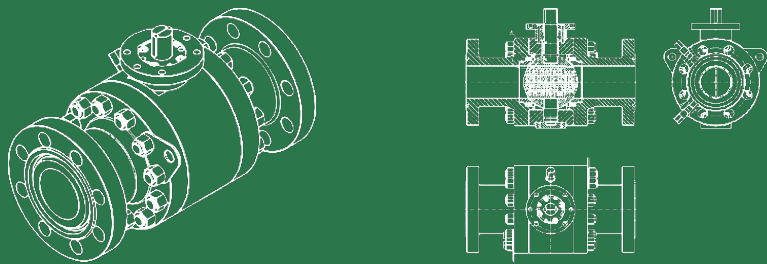
DN 25–500
PN 16–250

On-off angle valves

DN 3–125
PN 320–400

In-house development

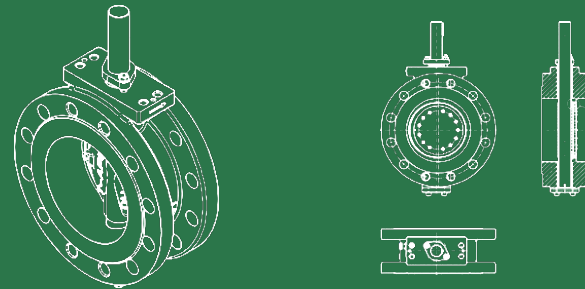
Control ball valves



Production development schedule:

- 2022 – up to DN 300
- 2023 – up to DN 500

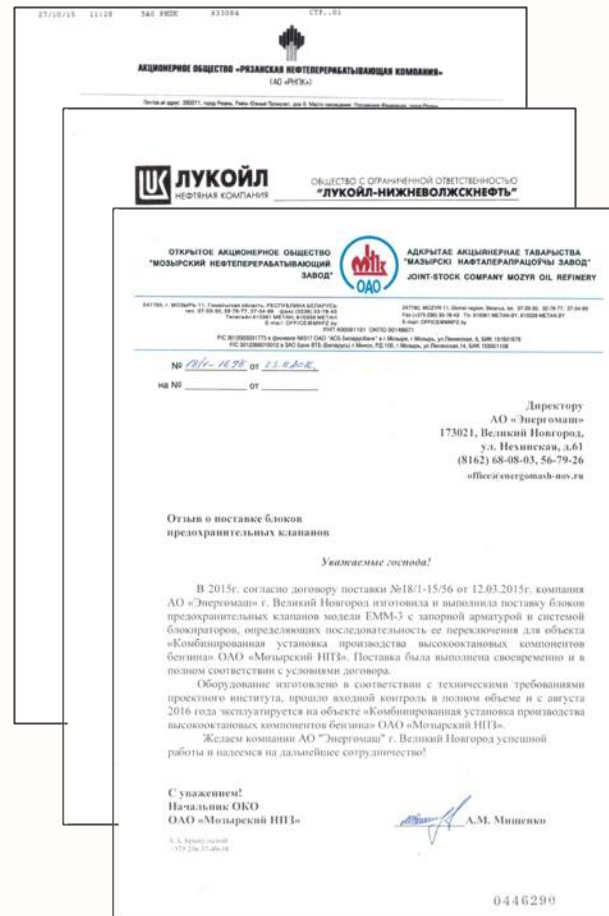
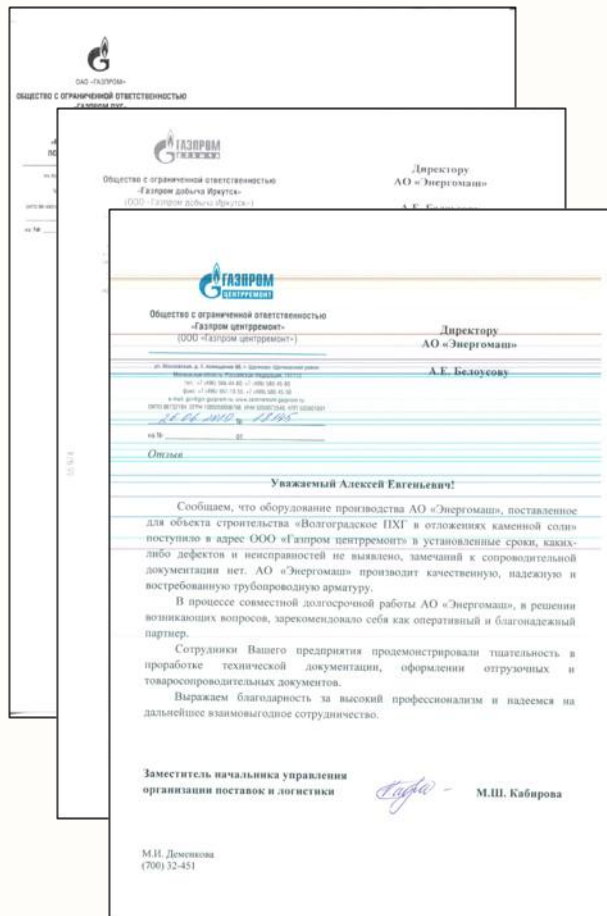
Triple eccentricity butterfly valves



Production development schedule:

- 2022 – up to DN 500

Positive reviews about the NBM Group products



- Gazprom
- Gazpromneft
- Sibur
- Rosneft
- Mozyir oil refinery
- Lukoil

Industries

Oil and gas
extraction

Oil and gas
refining

Petrochemistry

Chemistry

Power



Collaboration experience

Cooperation with world leading pipeline valves manufacturers



Partnership



LESER The-Safety-Valve.com

ZERTIFIKAT CERTIFICATE

Der Firma / The company
JSC "ENERGOMASH"
61, Nekhinskaya St.
Velikiy Novgorod, 173021
Russia

wird bescheinigt, dass sie durch Erfüllung des Anforderungsprofils des LESER Global Standards LGS 0513 autorisiert ist, Einstellungen und Reparaturen an LESER-Sicherheitsventilen durchzuführen.

has met all the requirements of LESER Global Standard (LGS) 0513 and is hereby authorized to set and repair LESER safety valves.

Gültig bis 31.03.2021 Valid until March 31, 2021

Hohenwestedt, 28.03.2018

Jörg Windmüller
Jörg Windmüller
Leiter Qualitätsmanagement/
Head of Quality

Leser
Energomash, JSC is the first in Russia
Leser authorized service center



Partnership



JC Rus

A joint venture with TTV-JC Valve Group (Spain, 1968),
one of Europe's largest manufacturers



EPC

Experience in international projects.



Key accounts 2011–2021

Gazprom
42 M€

Novatek
26,5 M€

*Oil and gas
extraction,
transportation,
storage
and refining*

Gaztomneft
52 M€

Rosneft
33 M€

Mozyir oil refinery
16 M€

Tatneft
4 M€

*Oil extraction
and refining*

Lukoil
11 M€

Sea platforms

**Krasniy
kotelshchik**
10 M€

Power

**Acron
group**
11,5 M€

Chemistry

Significant projects



Y. Korchagin platform

Energomash, JSC is a main supplier of shut-off pipeline valves (252 M₽)

Significant projects



Development of the V. Filanovsky field

Energomash, JSC is a main supplier of shut-off pipeline valves (823 M₽)

Significant projects



Ammonia-4 workshop construction, Acron
Scope of supply: 309 M₽, 182 units

Significant projects



Well construction and gas compression facilities of Gazpromneft-Yamal, LLC

Scope of supply: 800 M₽

Significant projects

Hydrocracking complex construction for H-Oil workshop of Mozyr oil refinery

Scope of supply: 1 BП, 3.499 units

Significant projects

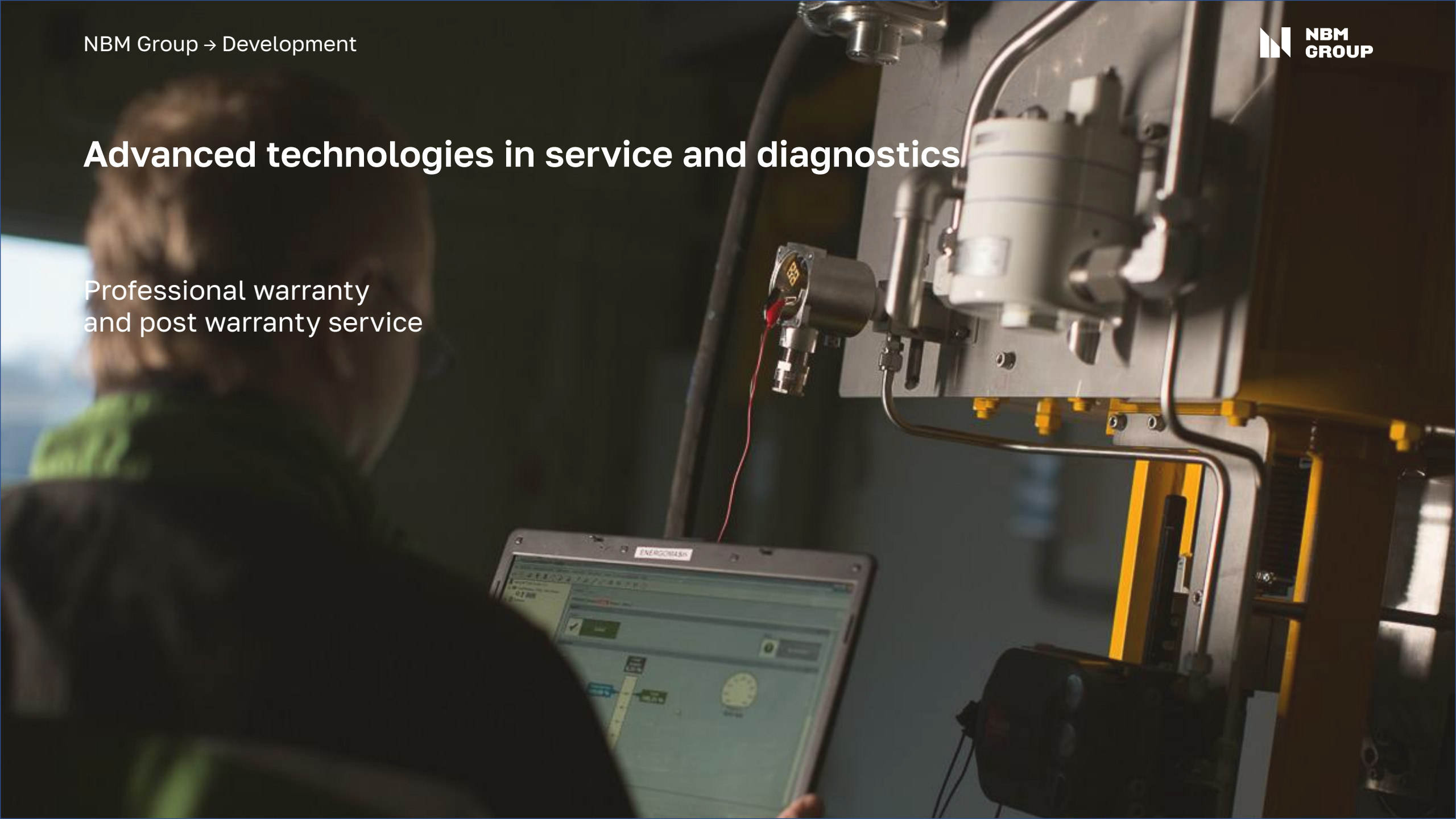
Omsk oil refinery (re)construction

Scope of supply: 4 B₽



Advanced technologies in service and diagnostics

Professional warranty
and post warranty service



New warehouse

Warehouse of components
and finished items
with administration rooms

Area: 1 000 m²



New areas

Steam cleaning, shot blasting treatment and painting:

- 4 modern chambers (5 tons),
- steam cleaning chamber,
- shot blasting chamber,
- 2 painting and drying chambers.

Commissioned in July 2020.

The plan for 2022:

- new thermal furnace (1 250 °C)
- welding area development



New factory



42 400 m²
site area

12.000 m²
maximum
production area

25 t
maximum
payload

3 900 kW
own boiler room

Q4th 2022
factory opening

Promising niches

At the new factory we will launch full production cycle of following products

Ball
valves
up to DN 1200

Underwater
ball valves

Cryogenic
valves

Control
vavles
from DN 500

Check
axissymmetrical
valves
from DN 500

Further development

2022

- Segment valves production
- Own positioner development
- Launch of own valves selection software

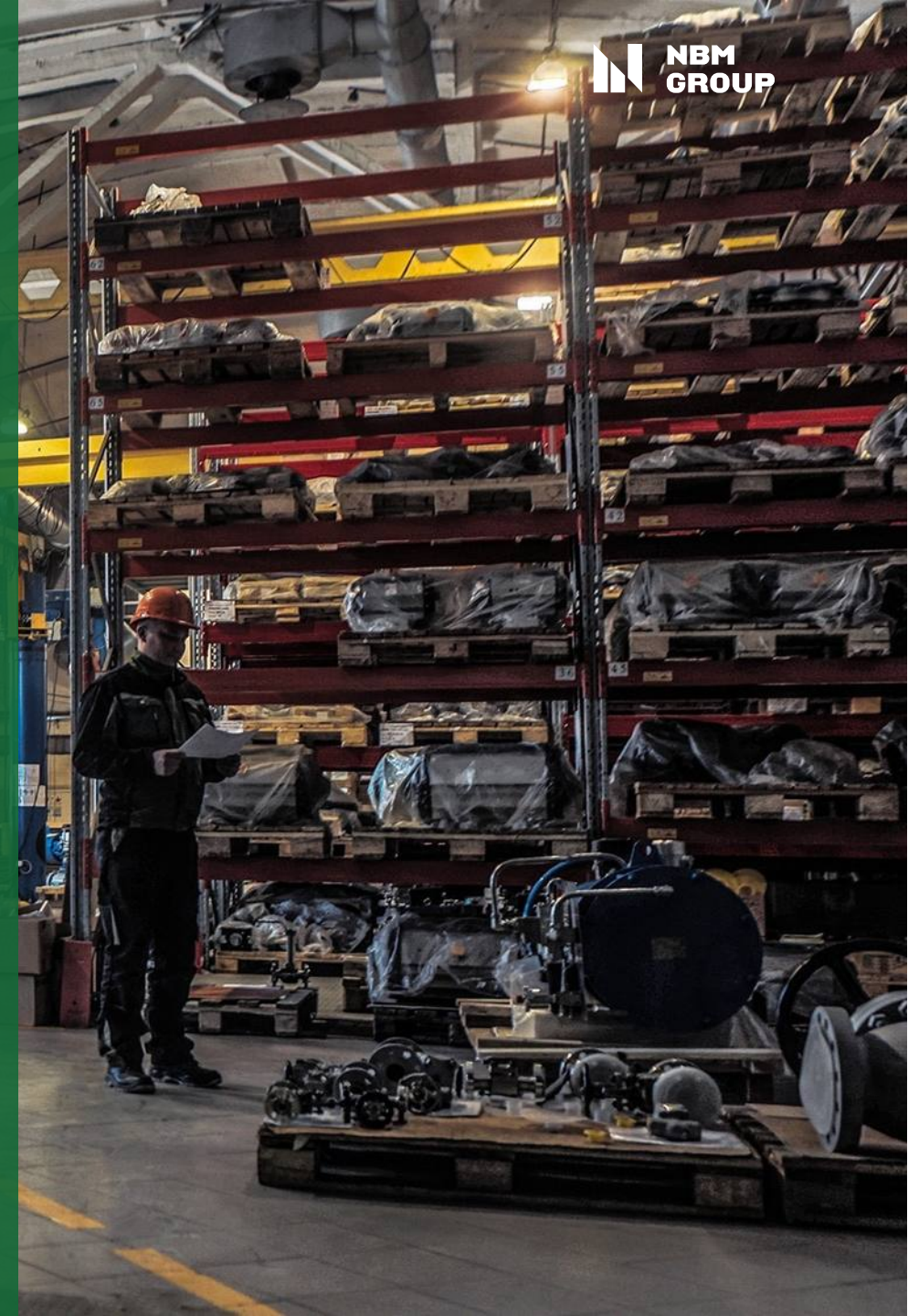
2023

- Smart positioner with advanced diagnostics development
- Launch of a new production site



Advantages of working with NBM Group

- More than 20 years of experience in pipeline valves manufacturing
- Positive supply experience
- Free training of customers' specialists
- Representation of leading world manufacturers
- Accreditation of leading oil and gas companies
- Service maintenance and diagnostics
- Short delivery terms
- Extended warranty for equipment
- Experience of working with leading design institutes
- Participation in international oil and gas projects





**NBM
GROUP**

**NBM Group of Companies:
we are open for dialogue!**