KONAR
INDUSTRIAL GROUP — SINCE 1991

STANKOMASH
INDUSTRIAL PARK

STANKOMASH: NEW HISTORY

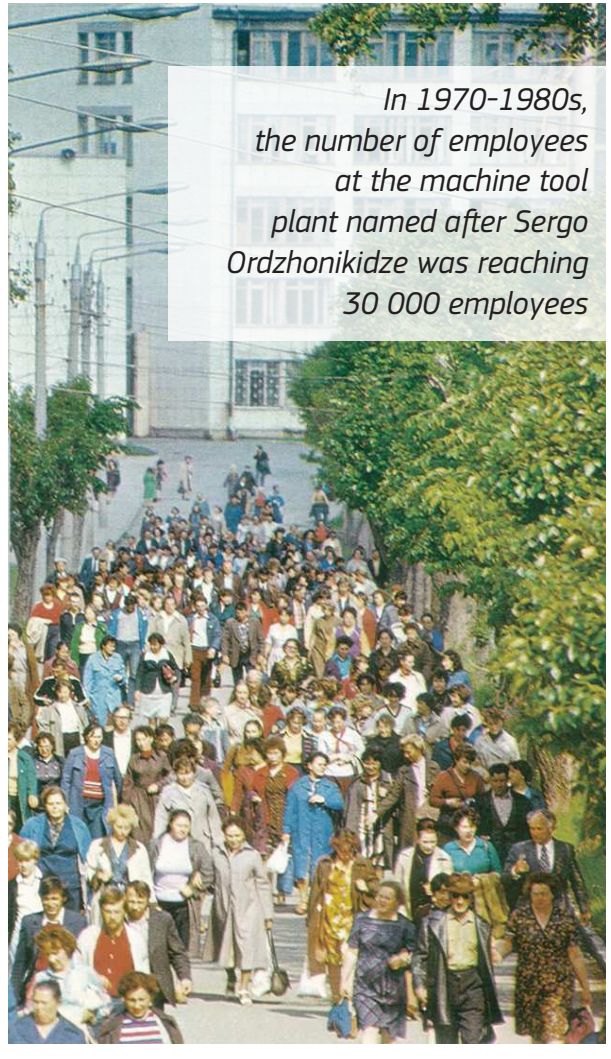
PAST — PRESENT


KOHAP

In 2013 the General Director of KONAR JSC Valery Bondarenko has taken a decision that all ambitious engineering plans of KONAR company will be implemented in the territory of the former Stankomash – a legendary plant of the Soviet period, which by that time has gone through bankruptcy process.

The property complex of the bankrupt facility of Federal Research and Production Center (FSPC) Stankomash was acquired based on the results of the auction in 2014.

All pictures are made in the territory of Stankomash Industrial Park.



In 1970-1980s, the number of employees at the machine tool plant named after Sergo Ordzhonikidze was reaching 30 000 employees

STANKOMASH

The history of this production site began in the period of the industrialization – in 1935, when machine tool plant was built here. During wartime, Stankomash became a major defense facility arranging 23 evacuated plants on its territory. Stankomash was supplying missiles for Katyusha, armor-piercing, high-explosive and other types of missiles and bombs, armored hulls and armored turrets. After the war's end, special production continued broadening of products nomenclature. Machine tool production was still active as well.

Conversion became a heart attack for the facility, in the middle of 1990s Stankomash has instantly lost a state defense order. Civilian production also was left without support from the government. Plant was dragging out a miserable existence over more than 15 years and as a result — a legendary plant had to go through bankruptcy procedure. The story seemed to be over.

By the year 2014, there was no trace of former mightiness of the plant: its appearance was a pitiful sight. Ruins, desolation, fallen roofs, stolen equipment, tons of demolition wastes and mud.

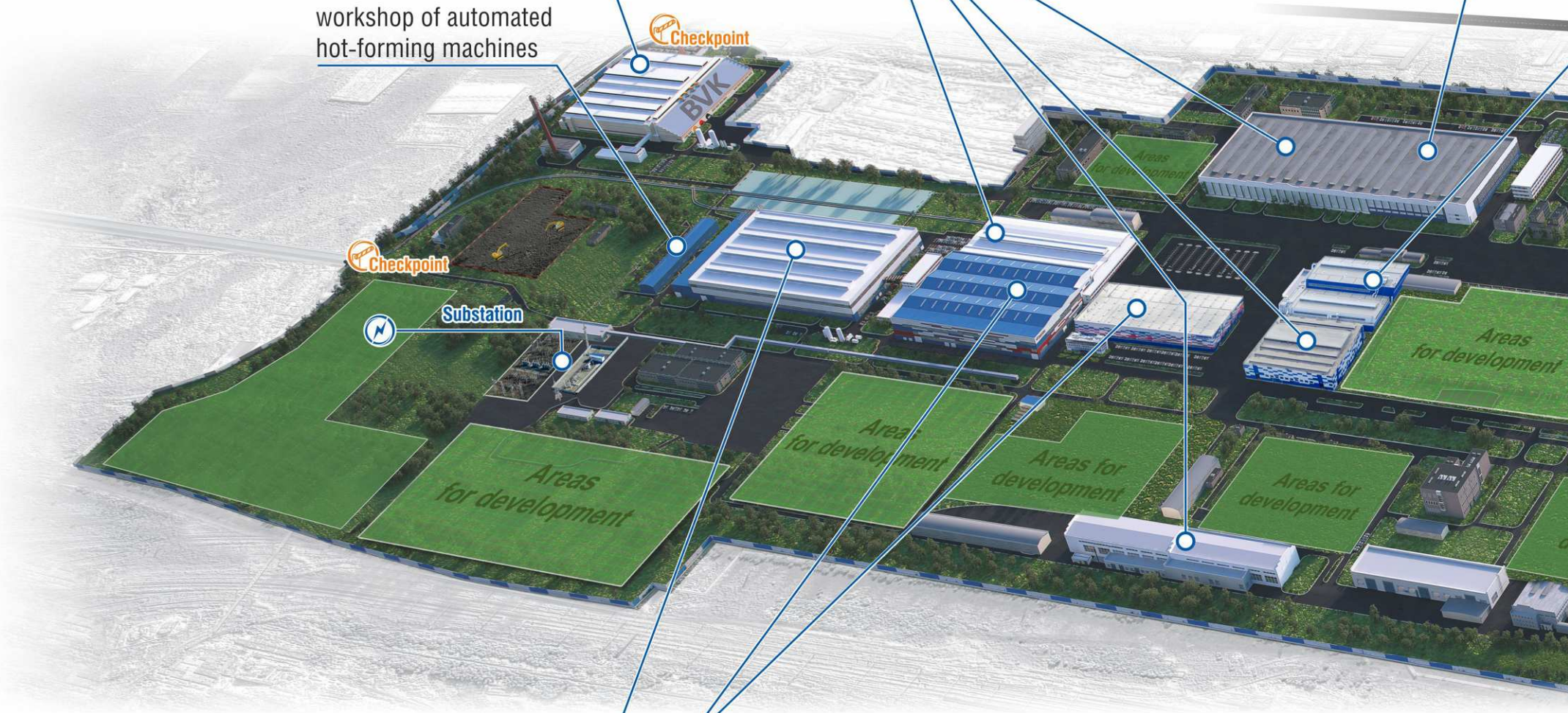
Real pictures of Stankomash (2014-2015)

BVK LLC —
JV with Gruppo Cividale S.p.A. (Italy) for foundry production.

KONAR JSC —
machining, testing and assembly as well as welding facility.

Kornet LLC — manufacturing of pipeline valves and equipment for oil production. Nickel-plating line with application of silicon carbide nanoparticles according to Kanigen technology (Japan).

KONAR JSC –
workshop of automated hot-forming machines

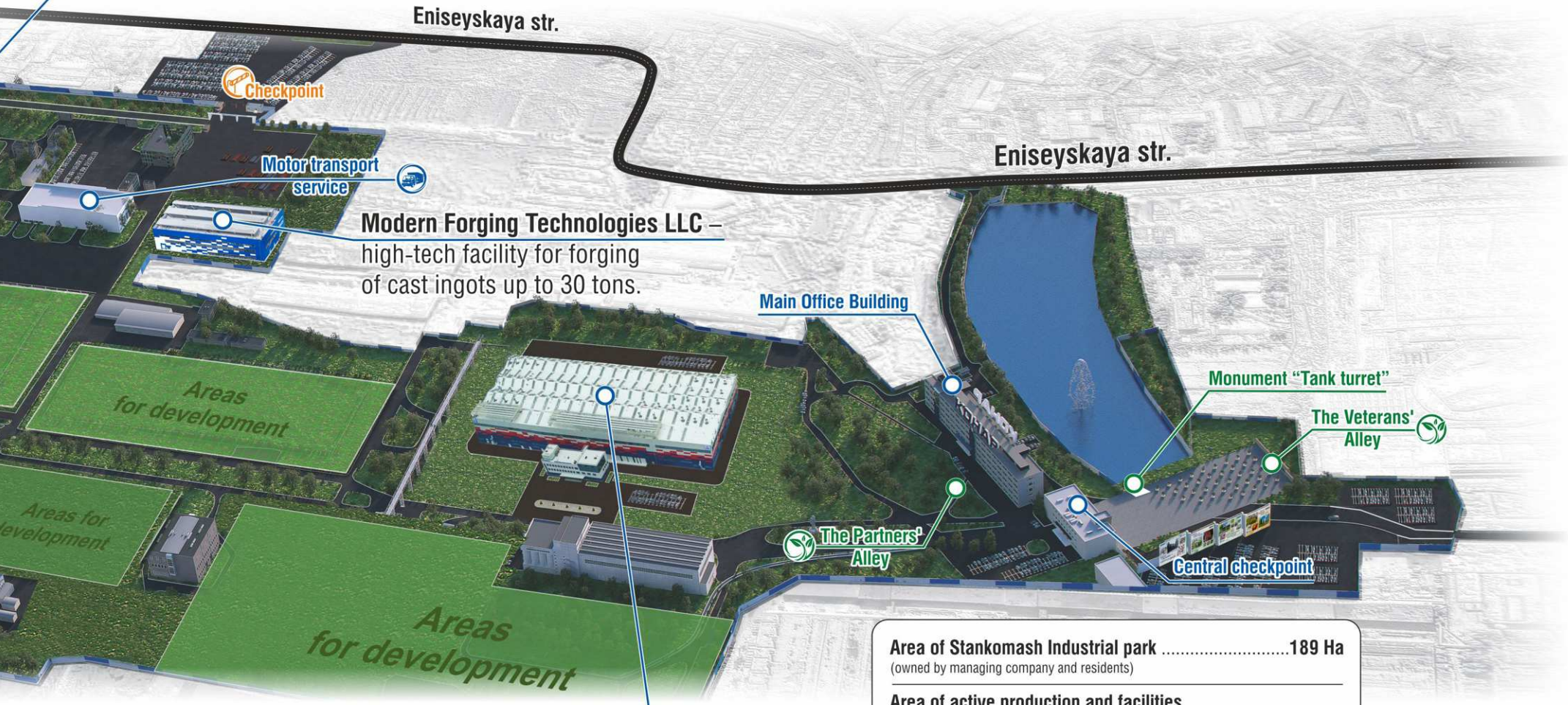


JV KONAR-Cimolai LLC —
JV with Cimolai S.p.A. (Italy) for production of special metal structures.

Transneft Oil Pumps JSC — production of main line and booster oil pumps. Joint venture of Transneft PJSC with Termomeccanica Pompe S.p.A. (Italy) and KONAR JSC.

KONAR-ORION LLC — JV with c Orion S.p.A (Italy) for production of pipeline valves for critical application up to -196°C.

Research and Development Center, KONAR JSC – laboratory of bench tests, cryogenic tests, material science, cryogenic tests, 3-D modelling and prototyping.



Russian Electric Motors JSC — production of electric motors up to 45 MW. Joint venture of Transneft PJSC with KONAR JSC with technological support of Nidec ASI S.p.A. (Italy, Japan).

Area of Stankomash Industrial park (owned by managing company and residents)	**189 Ha**
Area of active production and facilities under construction	**55 Ha**
Territory occupied by motor roads and parkings	**13 Ha**
Areas for development	**121 Ha**

OUR PROCESS PARTNERS

Gruppo Cividale (Italy) — one of the leading iron and steel companies in Europe, implementation partner in joint foundry production – BVK LLC.

Cimolai S.p.A. (Italy) — one of the world leaders in development and production of high-complexity metal structures. Implementation partner in joint production of metal structures — JV Konar-Cimolai LLC.

Termomeccanica S.p.A. (Italy) — one of the world leading manufacturers of pumping equipment. Establishment partner of pumping units joint production — Transneft Oil Pumps JSC.

Orion S.p.A. (Italy) — one of the world leading manufacturers of pipeline valves, including cryogenic execution (for -196°C operation conditions).

BREDA — one of the earliest companies in Italy for transport and military machinery building. Established in 1886. Endowed with process technologies for production of wellhead equipment.

Kanigen (Japan) — takes leading positions in process technologies for special coating of the products (including chemical nickel-plating).

Nidec S.p.A. (Italy) — one of the world leading manufacturers of electric motors, with wide capacity range of products (up to 70 MW).

Ventil Test Equipment (Netherlands) — one of the world leading manufacturers of high-pressure testing equipment for pipeline valves.

ABB Oy, Marine & Ports (Finland) — complex marine systems. ABB — process leader in the area of electrical grids, equipment, industrial automation, robotics.

O.M.S. Saleri S.p.A. — one of the earliest Italian machinery building companies. Has rich experience in production of ball valves with high performance capabilities for oil and gas industry.

Indar (Spain) – global leader of mechanical engineering with regard to production of generators and electric motors.

IMI Group: CCI, Z&I — British engineering company, one of the world leaders for supply of control processes for critical flows in nuclear, energy and oil and gas industry.

MAIN SUPPLIERS OF INDUSTRIAL EQUIPMENT FOR STANKOMASH — LEADING EUROPEAN MANUFACTURERS

ITALY
- CEFI
- DANIELI & C. OFFICINE MECCANICHE
- FACCIN
- Fratelli Rotondi
- GIORGIO POZZI MACCHINE UTENSILI
- IMF
- Italcontrol
- PAMA
- Pietro Carnaghi
- Rosa Ermando
- SOITAAB IMPIANTI
- Systema
- TACCHI
- Trevisan Macchine Utensili
- Turbotecnica
- Vecchiato Officine Meccaniche
- SWP
- P.A.F.
- Novisa
- Biglia
- COMEV
- I.VAR Industry

SPAIN
- Geminis Lathes
- Danobat

GREAT BRITAIN
- Inductotherm

GERMANY
- GLAMA Maschinenbau
- Hezinger Maschinen
- IOB Industrie-Ofen-Bau
- Messer Cutting Systems
- Kaeser Kompressoren SE
- Profiroll Technologies
- Konecranes
- WALDRICH COBURG
- Heinrich Schümann
- Schuler Pressen
- Aweba Werkzeugbau
- HEDRICH
- Schenk
- Carl Zeiss

LITHUANIA
- BC CRANES GROUP
- Ineco, UAB

CZECH REPUBLIC
- TOSHULIN
- TOS VARNSDORF

AUSTRIA
- Weingärtner Maschinenbau

FRANCE
- ROMER
- VERNET Behringer

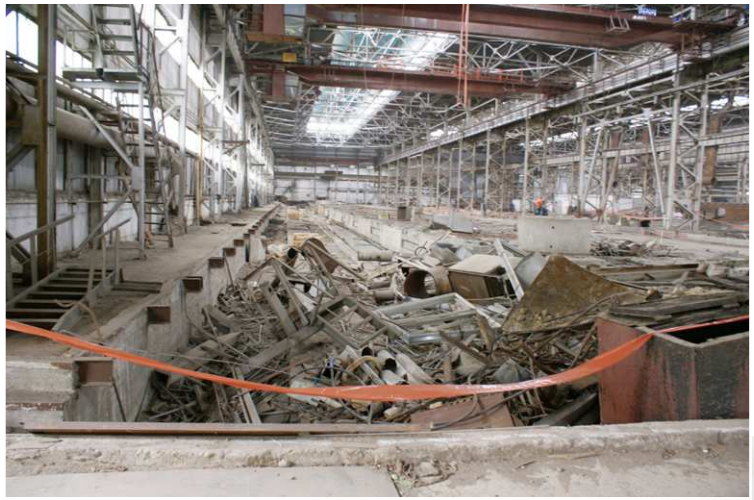
SWITZERLAND
- HATEBUR Umformmaschinen
- ZwickRoell
- FARO ARM

SLOVENIA
- Bosio d.o.o.
- GOSTOL TST

NETHERLANDS
- Ventil Test Equipment

NORWAY
- EFD Induction

JAPAN
- Japan Kanigen
- Niigata
- Parker Kawakami
- SHIMAZU



2012

**FORMER FORGE &
PRESS WORKSHOP
OF FRPC STANKOMASH**

PAST

BVK

PRESENT

First resident of the industrial park – BVK steel-casing foundry with unique process capabilities for Russian industry. BVK LLC was originally aimed at castings of oil pump casings, but today also obtains contracts for manufacture of products for nuclear and energy industries as well as for marine application.

Plant launching ceremony, 2013

BVK

First propeller blade for arctic vessels ARC 7 was manufactured by BVK LLC in 2016. This project opened perspectives for cooperation with shipbuilding companies.

BVK conducts localization of a casting within the framework of DPM-2 – a large-scale state program for modernization of thermal power plants

2014

FORMER THERMAL & PRESS WORKSHOP No. 7 OF FRPC STANKOMASH

PAST

JV KONAR-CIMOLAI

PRESENT

Another resident of the industrial park is JVK-Cimolai. This Russian-Italian joint venture manufactures non-standard large-sized steel structures.

It is a supplier for a wide range of national standing buildings, for example, stadiums in Volgograd and Nizhniy Novgorod for the FIFA World Cup 2018.

PLANT LAUNCHING CEREMONY, 2015

Valery V. Bondarenko with the CEO of Cimolai S.p.A. – L. Cimolai and the founder of investment group Volga Group – Gennady N. Timchenko

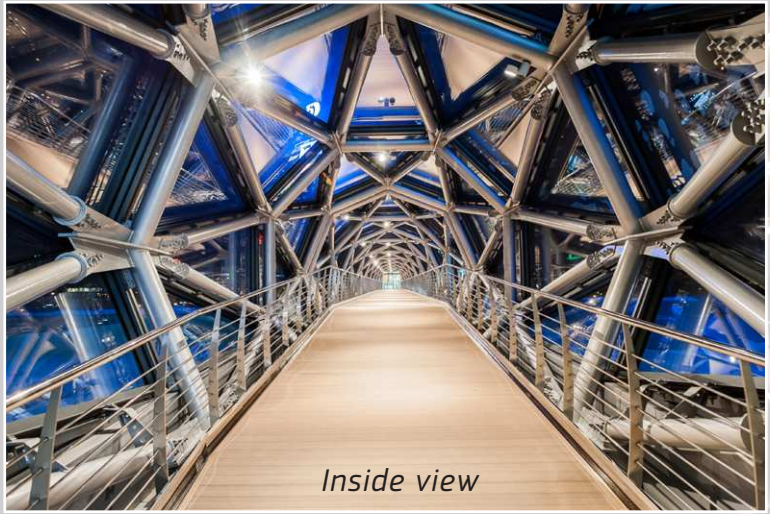
Steel structures, produced by JV KONAR-Cimolai were also used for installation of the highest skyscraper in both Russia and Europe – Lakhta Center in Saint Petersburg.

Skyscraper height – 462 meters.

Preliminary assembly of the arch for Lakhta Center was performed in the workshop of JV KONAR-Cimolai

JV KONAR-CIMOLAI

LAKHTA CENTER (SAINT PETERSBURG)



Inside view

JV KONAR-CIMOLAI

PEDESTRIAN TRANSITION BRIDGE «BOVID» (CHELYABINSK)

Facility specialists have created a unique and fascinating architecture project – pedestrian transition bridge between high-rise buildings at the height of 14 meters.

JV KONAR-CIMOLAI

JV KONAR-Cimolai participated in the building of stadiums for FIFA World Cup 2018 in Volgograd and Nizhniy Novgorod. Projects duration period — 2015-2017.

VOLGOGRAD ARENA

City: Volgograd (Russia)
Project initiator: Ministry of Sport of the Russian Federation
Client: Stroytransgaz JSC
JV KONAR-Cimolai scope of works: Development of 3D-models, development of design documentation, manufacture, delivery and assembly of steel structures – volume of more than 8 500 tons

Volgograd Arena includes biggest cable-stayed roofing in Russia. Compression ring is at the height of 40 meters.

БЛАГОДАРСТВЕННОЕ ПИСЬМО
ПРЕЗИДЕНТА РОССИЙСКОЙ ФЕДЕРАЦИИ

Бондаренко
Валерию Вячеславовичу

RUSSIA 2018

Уважаемый
Валерий Вячеславович,
благодарю Вас за значительный вклад
в подготовку и проведение чемпионата мира
по футболу FIFA 2018 года

В.Путин

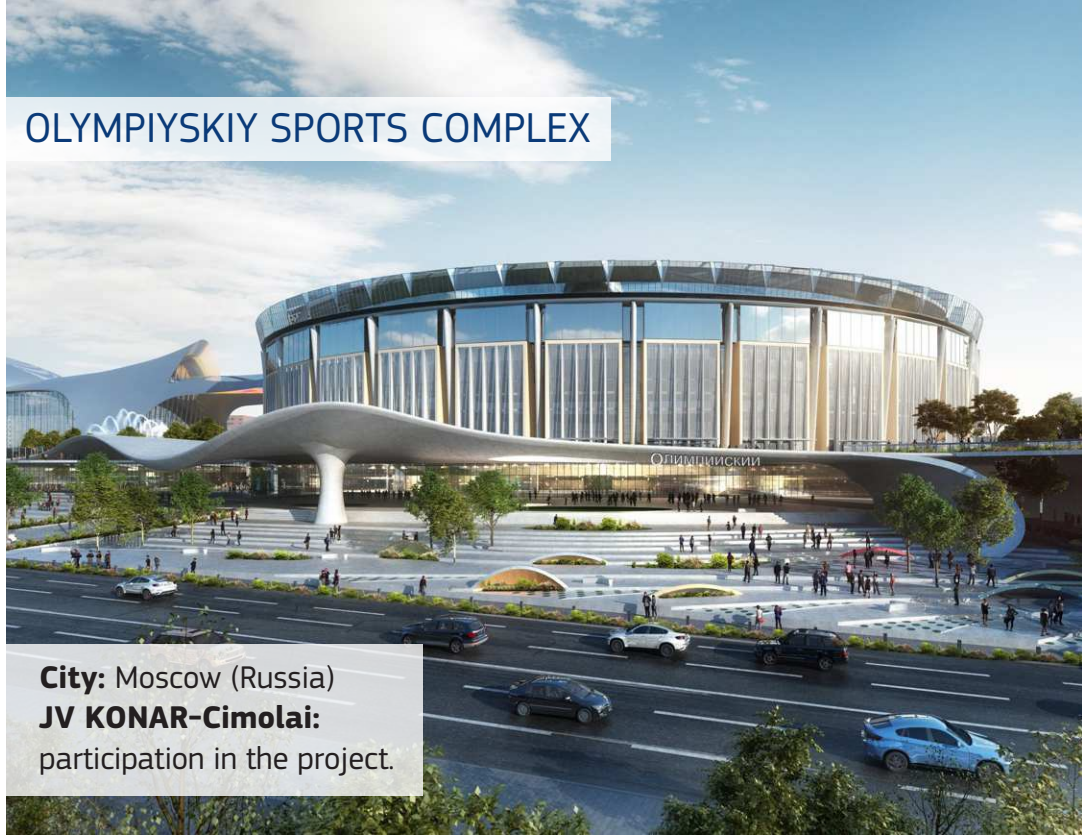
NIZHNIY NOVGOROD ARENA

City: Nizhniy Novgorod (Russia)
Project initiator: Ministry of Sport of the Russian Federation
JV KONAR-Cimolai scope of works: manufacture and delivery of steel structures – volume of more than 10 000 tons

JV KONAR-CIMOLAI

SKA ARENA (PETERBURGSKIY SPORTS AND CONCERT COMPLEX)

City: Saint Petersburg (Russia)
Project initiator: Sfera LLC
JV KONAR-Cimolai scope of work: design and production, application of anti-corrosion and fire protection, supply and installation of metal structures with a total volume of 6000 tons. A unique installation method was developed by KONAR Industrial Group.



OLYMPIYSKIY SPORTS COMPLEX

City: Moscow (Russia)
JV KONAR-Cimolai: participation in the project.

JV KONAR-CIMOLAI

City: Sochi (Russia)
Project initiator: Velesstroy LLC
JV KONAR-Cimolai scope of work: design, production and supply.
Volume of metal structures: 1900 tons.

SIRIUS CONCERT COMPLEX CENTER FOR GIFTED CHILDREN

PARK OF THE FUTURE VDNKH AMUSEMENT PARK

City: Moscow (Russia)
Project initiator: Pizzarotti I.E. LLC
JV KONAR-Cimolai scope of work: design, production, application of anti-corrosion and fire protection, supply and installation.
Volume of metal structures: 1000 tons.

AKHMAT TOWER SKYSCRAPER

City: Grozny (Chechen Republic)
Project initiator: Smart Building LLC
JV KONAR-Cimolai scope of work: design, production and supply. Volume of metal structures: 350 tons.

KOLA SHIPYARD

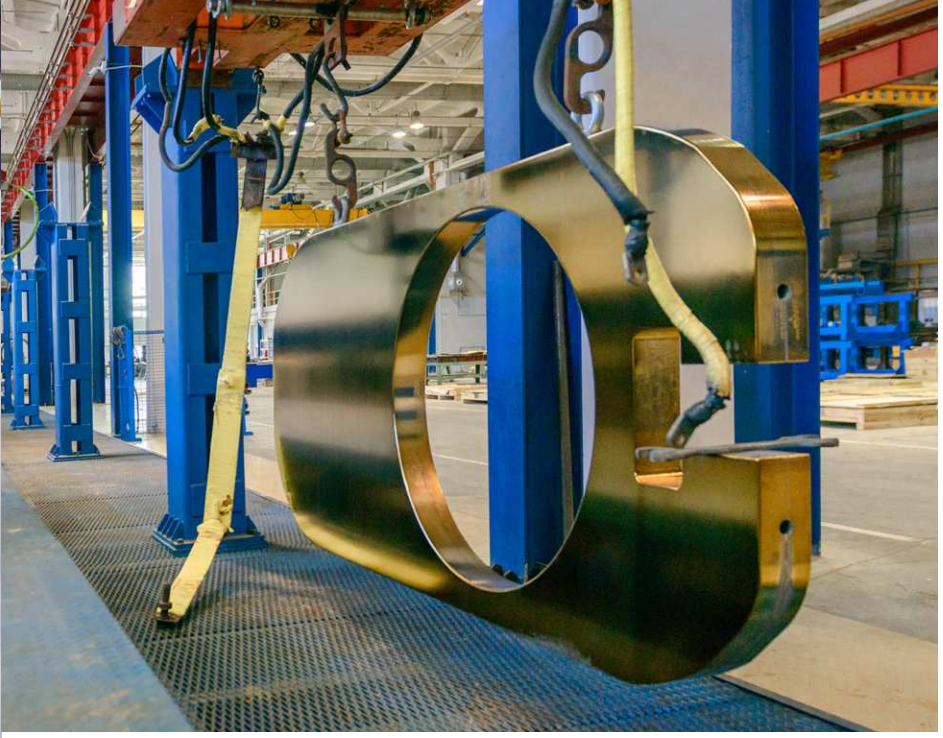
Erection of Offshore Superfacility Construction Yard (OSCY) is under progress within the frame of Arctic LNG Project of NOVATEK Company. OSCY is intended for manufacture of offshore complexes for production, storage and shipment of liquefied natural gas and stable gas condensate on gravity-based structures.

KONAR JSC supplied metal structures for OSCY topside facilities. Total volume of metal structures to be delivered is over 100 000 tons.

2014

FORMER WORKSHOP No. 41 of FEDERAL RESEARCH AND PRODUCTION CENTER (FRPC) STANKOMASH

PAST



Nickel-plating line with application of silicon carbide nanoparticles according to the technologies of Kanigen (Japan) was launched in 2015

NICKEL-PLATING WORKSHOP

PRESENT

— When selecting between two competing process technologies, we will always pick the one that protects environment as much as possible. We were first in Russia to launch nickel-plating process technology as products protective coating, excluding any formation of life-threatening hexavalent chromium in production wastes. As compared with chromium, disposal of nickel is easier. I believe that in current conditions we have no right to develop a business, which is harmful for ecology and human health.

Valery Bondarenko,
Head of KONAR Industrial Group

2014

FORMER WORKSHOP No. 34
of FRPC STANKOMASH

PAST

KONAR JSC MACHINING AND ASSEMBLY WORKSHOP

PRESENT

KONAR JSC has competences in the area of engineering and participates in comprehensive activities for organization of extraction, transportation and processing of oil and gas. Produces complex parts and assemblies for oil and gas industry. Has its own engineering center, heat treatment workshop, assembly-testing bench, largest park of equipment for machining purposes, measuring laboratories Zeiss and modern welding laboratory. Company also carries out the delivery of equipment for major projects, such as extension of pipeline system «East Siberia – Pacific Ocean».

KONAR JSC MACHINING
AND ASSEMBLY WORKSHOP

The largest park of modern equipment for machining purposes

KONAR JSC MACHINING AND ASSEMBLY WORKSHOP

2015

TRANSNEFT OIL PUMPS

PAST

That was how the site of the future high-tech enterprise Transneft Oil Pumps looked just a year before the opening

TRANSNEFT OIL PUMPS

PRESENT

All set of working activities, including erection of the Transneft Oil Pumps workshop, transfer of front technologies and equipment installation was done in record-breaking time: only in one year. Pilot production was started in December 2015. Until that time, there were no enterprises with capacities for full production cycle of mentioned products in accordance with the technical requirements of Transneft Company in the territory of Russian Federation.

The Prime Minister of Russian Federation Dmitry Medvedev called the plant in Chelyabinsk as “absolutely well-defined and exquisite example of riddance from dependence on imports”.

Shareholders: Transneft PJSC (51%), KONAR JSC (24%), Termomeccanica Pompe S.p.A., Italy (25%).

TRANSNEFT OIL PUMPS JSC TESTING CENTER OF MAINLINE AND BOOSTER PUMPING UNITS

EQUIPMENT MEASURED PARAMETERS:

- feed of pumped medium
- rotation speed
- suction pressure
- delivery pressure
- torque rating
- electric energy input
- voltage, current force, current frequency
- temperature of pumped medium, pump elements, electric motor elements
- noise, vibration, weight.

TRANSNEFT OIL PUMPS JSC TESTING CENTER OF MAINLINE AND BOOSTER PUMPING UNITS

CHARACTERISTICS:

- Maximum power capacity of tested equipment – up to 12 MW
- Maximum flow capacity of tested equipment – up to 16000 m^3/h.
- Maximum pressure – up to 7 MPa (in perspective up to 32,0 MPa for high-head pumps).
- Volume and depth of the basin: 2615 m^3 and 10 m.
- Number of slots for testing:
  - for vertical pumps – 3 slots,
  - for horizontal pumps – 4 slots.

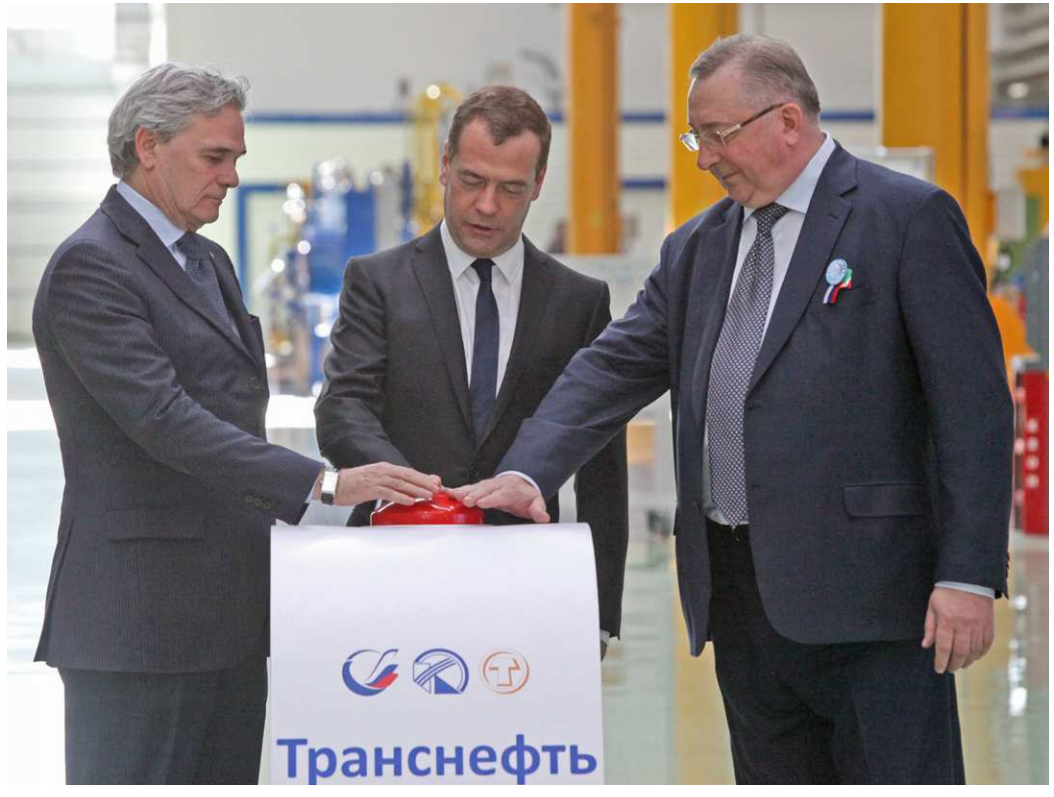
FORMER WORKSHOP No. №30/33 OF FRPC STANKOMASH

PAST

TRANSNEFT OIL PUMPS,
2ND STAGE

PRESENT

25th of April 2016 – visit of Chief of the Government of Russian Federation – Dmitry Medvedev. At Stankomash Industrial Park he has conducted a chain of landmark activities: took part in launching of the plant for production of mainline pumps – Transneft Oil Pumps JSC, gave a start to the building process of Russian Electric Motors JSC and participated in the session of government commission related to import substitution held at the site of KONAR JSC.



On 9th of November 2017, Stankomash Industrial Park became a place for holding of XIV Russia – Kazakhstan Transregional Cooperation Forum with participation of the Presidents – Vladimir Putin and Nursultan Nazarbayev. An outstanding event was held in the building of under-construction Russian Electric Motors plant.

2015

FORMER STEELMAKING WORKSHOP No. 5 OF FRPC STANKOMASH

PAST

RUSSIAN
ELECTRIC
MOTORS

PRESENT

Russian Electric Motors JSC was created within the frame of import substitution program implemented by Transneft. Project participants: Transneft PJSC (51%), KONAR JSC (49%). Process technologies and production know-how — Nidec ASI S.p.A. (Italy).

Alternate current electric motors for pumping units of mainline pipelines and generators are produced here. This will allow to ensure full production localization in Russia and to avoid dependence from foreign facilities.

RUSSIAN ELECTRIC MOTORS

Russian Electric Motors — is a plant with full production cycle, from design stage to assembly and testing stage.

Absolutely new technologies for Russia allow turning a modern equipment into reality:

- high-production and high-precision pressing equipment
- unique turning and milling center
- laser hardening and laser deposition unit
- modern winding unit
- 7-axis isolation robots
- vacuum impregnation line
- balancing unit.

224 — quantity of machines in the machinery equipment park, where:

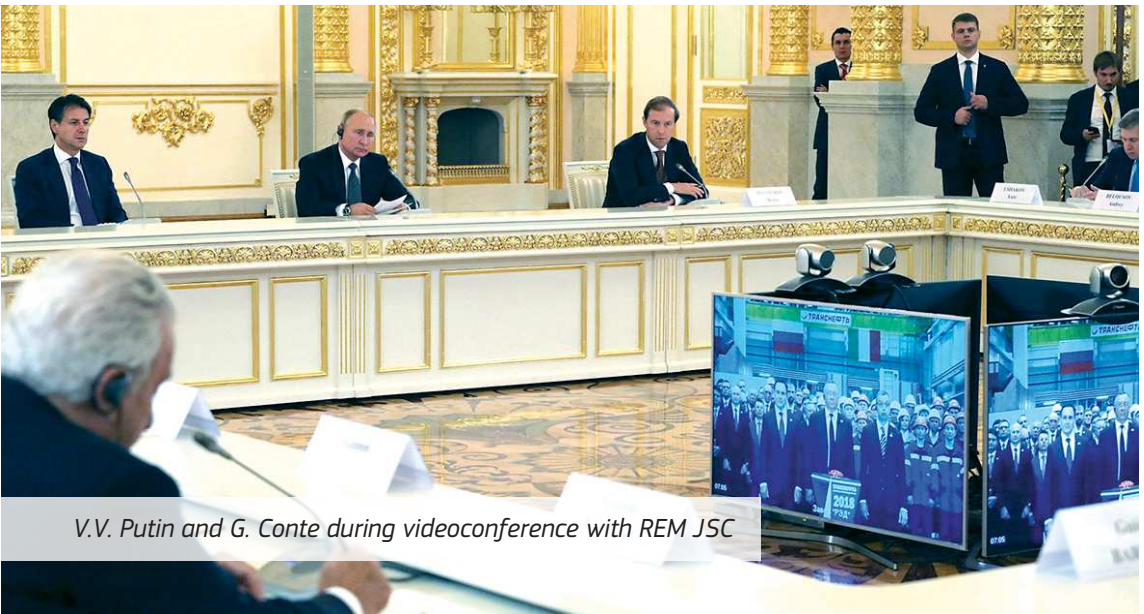
83 — number of unique high-precision machines

RUSSIAN ELECTRIC MOTORS

General Director of KONAR JSC - Valery Bondarenko, President of Transneft PJSC – Nikolay Tokarev, Operations Director of Nidec ASI – Stefano Zecchinato

24th of October 2018 – solemn ceremony of Russian Electric Motors plant launching. The President of Russian Federation Vladimir Putin together with the Chairman of the Council of Ministers of Italy Giuseppe Conte gave a permission for operation launching by videoconference.

Vladimir Putin called a project as «an illustrative example of successful and mutually beneficial cooperation».



V.V. Putin and G. Conte during videoconference with REM JSC

Electric motor with factory number No. 1

2017

FORMER WORKSHOP No. 22 OF FRPC STANKOMASH

PAST

RESEARCH AND DEVELOPMENT CENTER

PRESENT

Research and Development Center-Konar LLC is a center of special competencies of KONAR Industrial group (scientific, research, engineering etc). A potential complex of laboratories is intended for mechanical. Chemical, dynamic testing of equipment, metallographic examinations, strength and technological calculations. It is equipped with a testing-assembly complex, coordinate and measuring laboratory Zeiss, high-level means for non-destructive examination (X-ray, ultrasonic, liquid penetration).

It has the exclusive for Russia cryogenic tests bench (KONAR JSC – project investor, Ventil, the Netherlands – general contractor, Linde AG – technological partner).

As part of the localization of production of equipment for shipbuilding, a multifunctional machining center Waldrich Coburg Taurus was installed at R&D Center-Konar, products – propeller blades.

RESEARCH AND DEVELOPMENT CENTER

Testing and measuring laboratory is fitted with the equipment Carl Zeiss (Germany).

As part of the localization of production of equipment for shipbuilding in the territory of the Russian Federation, KONAR has acquired a multifunctional machining center Waldrich Coburg Taurus 3000 AT 2,5x5m

RESEARCH AND DEVELOPMENT CENTER

Cryogenic testing at – 196° C

Special laboratory of cryogenic testing will function in the research and development center.

Testing capacity:

- Pressure range: vacuum pressure up to 1034 bar
- Temperature range: from - 196 °C to 300 °C
- Testing gas: helium, nitrogen, gas mixtures.

Testing types:

- Testing by excessive pressure and reduced pressure
- Low-temperature testing / cryogenic testing
- Fugitive emission testing
- Dynamic testing of gas shell
- Testing of gas leakage through valve seat
- Functionality test under pressure

Key moments:

- Automatic system of cooling / heating with overpressure protection
- Typical testing of fugitive emissions in accordance with EN ISO 15848-1:2006, ANSI 2500
- Check of throttle 9” x 9” for compliance with the technical control requirements as per API 6A PR2, API 10000.

FORMER WORKSHOP No.17
FSPC STANKOMASH

PAST

MODERN FORGING TECHNOLOGIES

PRESENT

MODERN FORGING TECHNOLOGIES

Modern Forging Technologies LLC is a plant for forging of cast ingots. It is a part of the foundry and forging division of KONAR group together with BVK LLC (Chelyabinsk) and Kuznitsa LLC (Volgograd region).

MFT plant was launched on the 16th December 2020 with participation of the Governor of Chelyabinsk region Aleksey Teksler.

During the trial forging, the Governor was invited to the pulpit in the control center of the forging complex.

Forgings of high quality are intended for parts working in aggressive mediums, under high pressure and temperature, under loads in oil and gas, shipbuilding and power industries. For the moment the main volume of forgings for these industries is imported for EU and Asia.

The products of MFT will reduce import dependence, reinforce positions of Russia in the heavy machine building, strengthen energy security.

- MFT plant was build and launched within 1.5 years.
- MFT LLC provides job opportunities for about 200 qualified workers and engineers who undergo training at the best facilities of Europe.
- The technological partner of MFT LLC is the Italian company Cividale S.p.A., a partner of KONAR JSC in respect to BVK LLC.
- Modern equipment is installed at the facility. It includes the forging complex VECCHIATO composed of the hydraulic press, railbound and mobile manipulators, heat treatment complex BOSIO.
- MFT plant was built in compliance with the highest environmental standards, in full compliance with the environmental agreement of KONAR Industrial Group and the Government of Chelyabinsk Region

HOT FORMERS WORKSHOP

A modern hot former HATEBUR AMP 30S was put into service in 2021. The set of three HATEBUR machines located in the new hot formers workshop provides KONAR company with the leading positions in production of hot-upset nuts for petrochemical industry of the Russian Federation as well as for metal structures, railway and automobile engineering.

The Governor of Chelyabinsk region Aleksey Teksler and the Governor of Astrakhan region Igor Babushkin examined the new hot formers workshop of KONAR JSC.

The new equipment produces high-quality items with low quantity of wastes.

HATEBUR (Switzerland) is a leading global supplier of hot formers for production of large batches of metal items of high accuracy. The equipment located at KONAR allows to produce 3 nuts per second. This ensures high production capacity without genitive impact on the environment.

FOCUS TOWARDS SHIPBUILDING

Far Eastern Shipbuilding and Ship Repair Center JSC and KONAR JSC have concluded a memorandum of understanding on the localization of equipment production for vessels under-construction by production capacities of shipbuilding complex «Zvezda». Document was signed by Acting General Director of FESSRC Konstantin Laptev and Valery Bondarenko (2019)

The ship "Catherine the Great" equipped with the propellers produced by KONAR was launched (2020)

Partnership agreement is reached with ABB Marine and Ports (2019)

Azipod — a brand of ABB Group for production of shipboard thrust controlled propulsion units

FOCUS TOWARDS SHIPBUILDING

Within the frame of St. Petersburg International Economic Forum, the General Director of KONAR JSC Valery Bondarenko and the President of United Shipbuilding Corporation JSC Alexey Rakhmanov have signed an agreement on cooperation in shipbuilding (2019)

Signing of an agreement with Ak Bars Holding Company OJSC (Kazan City) (2018)

Propeller unit for ice-class vessels is manufactured based on the facilities of KONAR Group. The product is accredited by Russian Maritime Register of Shipping in 2019

Weight of the propeller unit — 45 tons

PARTICIPATION IN THE INTERNATIONAL EXHIBITIONS: INNOPROM-2021

At INNOPROM
the company KONAR presented
its competences in the field of ship
building and brought a huge propeller
for arctic class vessels.

In a short time frame KONAR
became familiar with its release
using the experience of Italian
partners, and now it is
100% Russian production
including casting, machining
and balancing.

In the presence of the Governor of Chelyabinsk region Alexey Teksler, the cooperation between KONAR and INDAR (Spain) on the localization of the production of electric generators and electric motors for shipbuilding was officially confirmed.

The Prime Minister of the Russian Federation Mishustin M.V. reported to the President of the Russian Federation Putin V.V. on his visit to the INNOPROM-2021 exhibition.

We examined Russian solution for the arctic class vessels. It was a propulsion unit; it took the central position at the exhibition. The company KONAR from Chelyabinsk starts its production, and it will be used on large-capacity vessels, including gas carriers, which are produced at Zvezda shipyard jointly with Rosneft company. It is necessary for movement in ice.

An impressive project, Vladimir Vladimirovich!

INNOPROM-2022

KONAR presented its competencies in the design and production of complex metal structures. The key exhibit of the booth was a mock-up of the cable-stayed cycling-pedestrian bridge made on a scale of 1:8 to the original.

The authorities of Chelyabinsk region and KONAR signed the cooperation agreement.

Chairman of the Government of the Russian Federation M.V. Mishustin and his colleague Minister of the Republic of Kazakhstan A.A. Smailov visited KONAR booth at the INNOPROM exhibition.

PARTICIPATION IN THE INTERNATIONAL EXHIBITIONS: METAL-EXPO 2021

KONAR Industrial Group presents
the competencies of its Foundry & Forging Division
at the Metal-Expo exhibitions.

The shaft of the horizontal synchronous electric motor which reflects the competencies of MFT and the machining capabilities of KONAR Industrial Group attracted much attention at the booth.

The main exhibit of KONAR booth was the casting of a propeller blade weighing more than 10 tons and about 2.5 meters high. The product is part of a 15 MW propulsion unit, which is used on modern specialized icebreaking vessels that need regular maneuvering

The impeller for the horizontal oil mainline pump produced by BVK LLC. The impeller is shown in section to show the quality of not only large-sized products, but also small-sized products.

METAL-EXPO 2022

The solid-forged high pressure rotor for a steam turbine took a central place at the exhibit.

Complex casting – volute of the pump НПВ 1250

The super duplex impeller for the fire pump. KONAR introduced a technological process within the framework of R&D confirming its high competencies.

BUSINESS AND OFFICIAL VISITS

Stankomash became a landmark of Chelyabinsk Region over last years. Stankomash was repeatedly becoming a host place for major federal activities and business delegations of Russia leading companies.

Meeting with representatives of petrochemical company SIBUR.

NOVATEK PJSC Chairman of the Board — Leonid Mikhelson has held a session at the site of KONAR Industrial Group about involvement of Russian industry into LNG-projects.

BUSINESS AND OFFICIAL VISITS

Partner's Alley of KONAR Industrial Group — Deputy General Director of Gazpromneft PJSC — Vadim Yakovlev, member of the board of Gazprom PJSC — Vsevolod Cherepanov, member of the Council of the Russian Federation — Dmitry Savelyev.

Session of All Russia People's Front in the workshop of KONAR JSC.

In order to demonstrate an efficiency of interaction between large, medium and small businesses using real-world examples, the President of OPORA RUSSIA Alexander Kalinin held a federal forum of entrepreneurs in Stankomash Industrial Park

Negotiations with Huisman company (Netherlands) producing shipboard cranes with highest capacity in the world.

BUSINESS AND OFFICIAL VISITS

Visit of the Deputy Prime Minister of the Russian Federation – Yury Borisov, the Deputy Chairman of the Military-Industrial Complex (MIC) Collegium of the Russian Federation – Oleg Bochkarev, the Governor of Chelyabinsk Region – Aleksei Teksler.

— We will change operating principle with industrial facilities, which integrate innovations and take modern decisions. This is truly high-technology productions with sophisticated working places and decent wages ***— Aleksei Teksler, the Governor of Chelyabinsk Region.***

The Governor of Volgograd Region – Andrey Bocharov at the Volga Forging Plant.

BUSINESS AND OFFICIAL VISITS

Alexander Novak, the Minister of Energy of the Russian Federation, together with the Governor of Chelyabinsk Region Alexey Teksler and the President of PJSC Transneft Nikolai Tokarev visited the plant “Russian Electric Motors”.

Head and host of the TV-program “Saturday news” Sergey Brilev.

Sergey Shnurov – a famous Russian musician, frontman of a popular band “Leningrad”.

Business visit of the Head of Chelyabinsk Natalya Kotova.

BUSINESS AND OFFICIAL VISITS

Head of Independent Nonprofit Organization Roskachestvo Maksim Protasov.
- An important part of the work is related to laboratories, including at KONAR facility, where today we have seen a modern and efficient laboratory.

Mikhail Ivanov, Deputy Minister of Industry and Trade of the Russian Federation:
– General impressions are very positive. I think that the facility has a great future. Today we have seen how BVK produces cast blanks from super duplex steel. This is a unique product. We have also discussed plans to establish a foundry and forging production of large blanks which does not exist in the country today. Now we are at the stage of a technical and economic feasibility and survey of supporting mechanisms which can improve the economic side of this project so that an investor can decide on its implementation.

Sergey Neverov, Deputy Chairman of the State Duma of the Russian Federation:
– I have visited the Industrial Park in Chelyabinsk which is one of the largest industrial centers of the country. There are several facilities that produce unique products with 100% localization. And it all started sometime with a high-strength nut for oil companies. Then a joint venture was established with Transneft for the production of mainline and booster pumping units. The project started in 2013. Oil in Russia was pumped by foreign equipment.

BUSINESS AND OFFICIAL VISITS

Gazprom PJSC delegation visit.
Guests visited almost all production facilities of the site.

***In February 2023, Secretary of the Security Council of the Russian Federation Nikolay Patrushev** got acquainted with the activities of the resident facilities operating in the Industrial Park and held a visiting meeting "On additional measures to ensure the technological sovereignty of the Russian Federation using the scientific and production potential of the constituent entities of the Russian Federation located within the Ural Federal District".*

Excursions are traditionally held at the territory of Stankomash Industrial Park for the hockey players, the Head Coach and Director of Traktor Hockey Club.

*- I was impressed by the scale of production, which I had only heard about. There was a very unexpected moment when they offered to go to the control room of the forging complex, thank you for the trust, - shared **the Head Coach of Traktor Hockey Club Anvar Gatiyatulin.***

FESTIVAL OF FILM AND INTERNET PROJECTS «LABORING MAN»

In 2017, after XIV Forum of interregional cooperation of Russia and Kazakhstan with participation of the presidents of two countries, the new plant Russian Electric Motors hosted one more big event – a festival of cinema and Internet projects "Man of labour". The event organizer is the Plenipotentiary Representative of the President of the Russian Federation in the Ural Federal District.

Merited Artist of Russian Federation – Boris Galkin welcomes all guests of «Labouring man» festival.

GUESTS OF FILM FESTIVAL «ANTICIPATION»

Merited artist of Russian Federation Andrey Merzlikhin and documentarian filmmaker Sergey Miroshnichenko at the guide tour at KONAR production facilities

Theater and cinema actress Katerina Shpitsa

Film and theatre actress — Elena Zakharova

ПРЕДЧУВСТВИЕ

In 2018, 2019, 2020 KONAR is the venue for the annual international film festival «Premonition» in Chelyabinsk

Sportsman, actor, TV-host Oleg Taktarov

RUSSIAN-ITALIAN PARTNERSHIP

Valery Bondarenko is a member of the Order of Merit for Italian Republic, first in the machinery-building industry. By doing so, a strong contribution of KONAR into strengthening of economic ties between the countries was highlighted (2018)

Pasquale Terraciano, Extraordinary and Authorized Ambassador of the Italian Republic in Russia:
«Bellissimo! I have awesome impressions: this is an ideal place to develop our new joint projects and a great example of such cooperation, where russian production is perfectly matching with italian industrial traditions».

BREDA Energia S.p.A. and KONAR signed an agreement of intent for establishment of joint venture (2019)

A tour through REM plant established in partnership with Nidec ASI S.p.A. (2019)

The flags of Russia, Italy and Chelyabinsk Region are always hoisted on the premises of our Stankomash Industrial Park

KONAR Industrial Group is a partner of Traktor hockey club since 2012

SPORT SUPPORT

KONAR JSC on a constant basis supports the sport of setting records and amateur teams, acts as partner federal and city sport tournaments.

Ice speekskater Olga Fatkulina was impressed by the level of industrial production after visit to the facilities of KONAR Industrial Group (2019)

Olga Fatkulina
is a Russian speed skater, a silver medalist at the Sochi Olympic Games, a 2013 world champion at a distance of 1000 meters, a multiple world championship medalist, an Honored Master of Sports of Russia. Bronze medal in sprint at the European Championships (2017) and at the 2019 World Cup. Gold in the individual and team championships at the European Championships (2020), gold and bronze medals at the 2021 World Cup.

KONAR SPORTS TEAMS

KONAR volleyball team was established in 2012.
In 2016 they won the championship of Chelyabinsk Region,
in 2018 – championship of Chelyabinsk.

A zesty tournament for hockey in felt snow boots is yearly conducted between the employees of KONAR Industrial Group

SOCIAL POLICY

KONAR holds colorful holidays for employee's children. All children are gifted with sweet presents at the New Year, and on Children's day, the area at the central entrance is completely given to the children. Fun concert with flash mob and amusements are arranged here.

Children of outstanding employees of the company are publicly awarded with diplomas «My father is the best», «My mother is the best»

STANKOMASH MUSEUM

Restored museum of military and labor glory opens thematic expositions dedicated to memorable dates related to the history of the plant, to public or professional holidays, other important events.

Museum also has a gonfalon granted by People's Republic of China to the Stankomash Industrial Park for helping in organization of ammunition production (1946)

STANKOMASH VETERANS

Hero of Socialist Labor, lathe operator Sergey ZAKHAROV

Veterans are regular guests and participants of all significant events that are currently taking place at Stankomash.

Here is a place for heart-to-heart meetings, memories, communication. The factory council of veterans works again. They congratulate the honored machine-builders on the holidays, and try not to miss important memorable dates.

Chairman of Regional Council of Veterans of War, Labor, Armed Forces and Law Enforcement Agencies of the Chelyabinsk Region Anatoly SURKOV:

"What kind of morality, what kind of foresight, and what kind of spirituality one needs to have in order to start reviving the enterprise with the reanimation of the museum, with the restoration of the alley of veterans. You can only bow to this!"

Special attitude is towards the Great Victory Day and a new memorable date - the Day of the Heroes of Tankograd.

Excursions to the facilities of the industrial park have become traditional and regular. The veterans know how the revived Stankomash lives.

9th of May, 2018. Veteran of the Great Fatherland War — Nikolay Berdnikov visiting his native plant

MEMORIAL IN HONOR OF CREATION OF THE FIRST IN CHELYABINSK ARMOR STEEL TO THE 75th ANNIVERSARY OF VICTORY

Laying flowers to the memorial to the participants of the Great Patriotic War and home front workers of Stankomash plant

The tank turret was cast at BVK steel plant in 2020. On the basis of the prototype, a 3D model was created, a program was written for a machine at the pattern area, a mold was made and a product was cast from special steel.

The plant of complex metal structures JVK-Cimolai and the plant Stankomash LLC also took part in production of the monument.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