

# YOURTUBE

TECHNOLOGY MOTION KNOWLEDGE



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## THE STARTUPS BEHIND IT ALL

TMK announces contest  
for high-tech innovations

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## NEXT-GEN PIPE

TMK's smart solution  
for pipelines

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## GIVING BACK

Sinara Charitable Foundation  
celebrates 20 years

# INTEGRATED SERVICES

TMK EXPANDS ITS OILFIELD SERVICES UNIT





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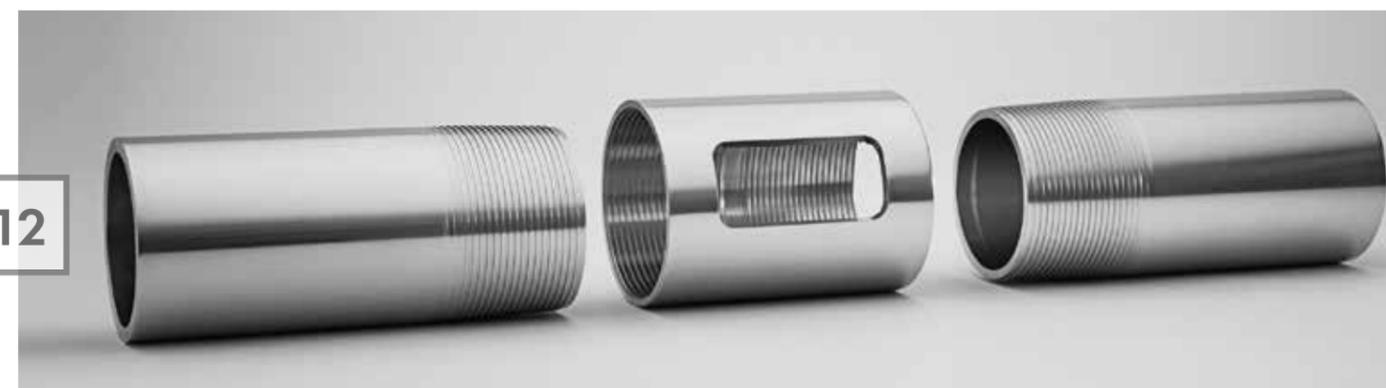
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**BUSINESS SCALING**  
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PROJECT **12**  
**PREMIUM STARTUPS**  
 TMK announces contest for innovative oil and gas service projects.

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## 002

## TMK AUDITS ITS FACILITIES AS PART OF STEEL SAFETY DAY

TMK has held its seventh Steel Safety Day 2022, an annual international event under the auspices of the World Steel Association that included occupational health and safety audits at enterprises.

Audit commissions comprising TMK executives ran workplace inspections for compliance with occupational health and safety requirements. Additional measures were developed at follow-up meetings to further minimize risks and ensure comfortable and safe working conditions for employees. Steel Safety Day participants also looked at the preliminary results of

measures implemented following last year's audit.

This year's Steel Safety Day placed a special emphasis on new occupational health and safety projects at the Company's sites, such as digital walkaround assistants used to record breaches and request remedial measures electronically, the Volunteer Rescuer project to foster first aid skills, interactive (including VR) training programs, and the Incident Investigation Library, a big data project that allows various shop-floor situations to be analyzed to inform a detailed and targeted injury prevention program.



### THAT'S A RECORD

TMK's Pervouralsk Pipe Plant (PNTZ) and Orsky Machine Building Plant (OMZ) have significantly ramped up production of all cylinder types to a total of 200,000 tonnes, with PNTZ shipments up 17% y-o-y and OMZ hitting record highs not reached since 2007.

The key consumers of PNTZ cylinders in 2021 were energy, machine building, and chemicals companies. OMZ supplied products for firefighting systems, NGVs, technical gas storage, and the construction of automatic gas refueling stations.

PNTZ also continued to manufacture unique products unrivalled in Russia, including cylinders for hydrogen gas generators used in atmospheric sounding systems. In 2021, the plant supplied a total of 650 hydrogen cylinders to regional centers of the Federal Service for Hydrometeorology and Environmental Monitoring.



## CAPACITY ADDITIONS

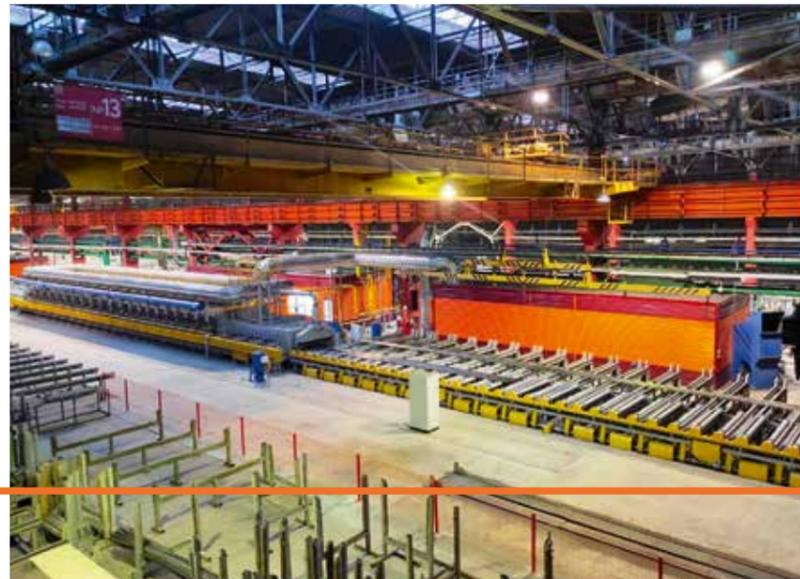
Pervouralsk Pipe Plant (PNTZ) has completed Phase 2 of its ambitious project to upgrade pipe heat treatment equipment, the expected annual economic benefit of which stands at about RUB 180 million.

The project aims to boost heat treatment capacity; fully automate the tube drawing shop's furnace; replace heating elements, instrumentation and controls; install a shielding gas pipeline and physically extend the unit. The upgraded equipment can now produce precision pipe with no mill scale and process PNTZ's longest pipes of up to 23 m.

The upgrade enabled metal savings by feeding

shielding gas into the furnace to prevent scaling. On top of this, the shop now consumes much less electricity, steam and mixture.

Total CAPEX to upgrade the pipe heat treatment equipment at PNTZ is over RUB 500 million, enabling the plant to reduce resource consumption and expand its size range of high-tech products.



## APPOINTMENT



### Dmitry Markov

has been appointed Managing Director of Seversky Pipe Plant (STZ).

He previously held management positions at Chelpipe Group and Chelpipe-Engineering, later supervising long-term technical development at United Metallurgical Company. Prior to his latest appointment, he was Director for Operational Excellence at TMK.

Mikhail Zuyev, who had been heading STZ since 2009, is now an advisor to TMK's CEO.

## TMK SUPPORTS INTERNATIONAL YOUNG SCIENTISTS AWARDS

TMK has partnered with the fifth International Young Scientists Awards in the Field of Oil and Gas: A Glance Into the Future. To compete in a special category introduced by TMK, participants will present their solutions to an R&D problem set by the Company.

The competition was established by the International Business Congress (IBC), a non-profit organization, which serves as a platform for dialogue between representatives of the business community and political circles from different countries and helps address current economic issues. The competition is open to young scientists and research teams who have proposed projects for the oil and gas industry's development.

As the event's partner, TMK introduced its own category, New Materials, Structures and Solutions for Effective

Production and Transportation of Hydrocarbons. The winner will be invited to do an internship at TMK's R&D facility in Skolkovo and will visit several of the Company's enterprises.

Igor Pyshmintsev, TMK's Director for Research Development and CEO of TMK's R&D facility in Skolkovo, said: "TMK is constantly building up its R&D capabilities to address the most complex challenges in the pipe and metals industries. In these efforts, we value live exchange of ideas, initiatives and developments, which allows us to expand our experience and contribute to the development of industry-specific research. While open to other engagement formats, we are already actively attracting high-tech projects through our corporate accelerator. We are confident that the partnership with the competition established by a reputable international platform will give further impetus to the development and implementation of innovative solutions."

Applications will be accepted until May 10, while the winners will be announced in August 2022.

# BUSINESS SCALING

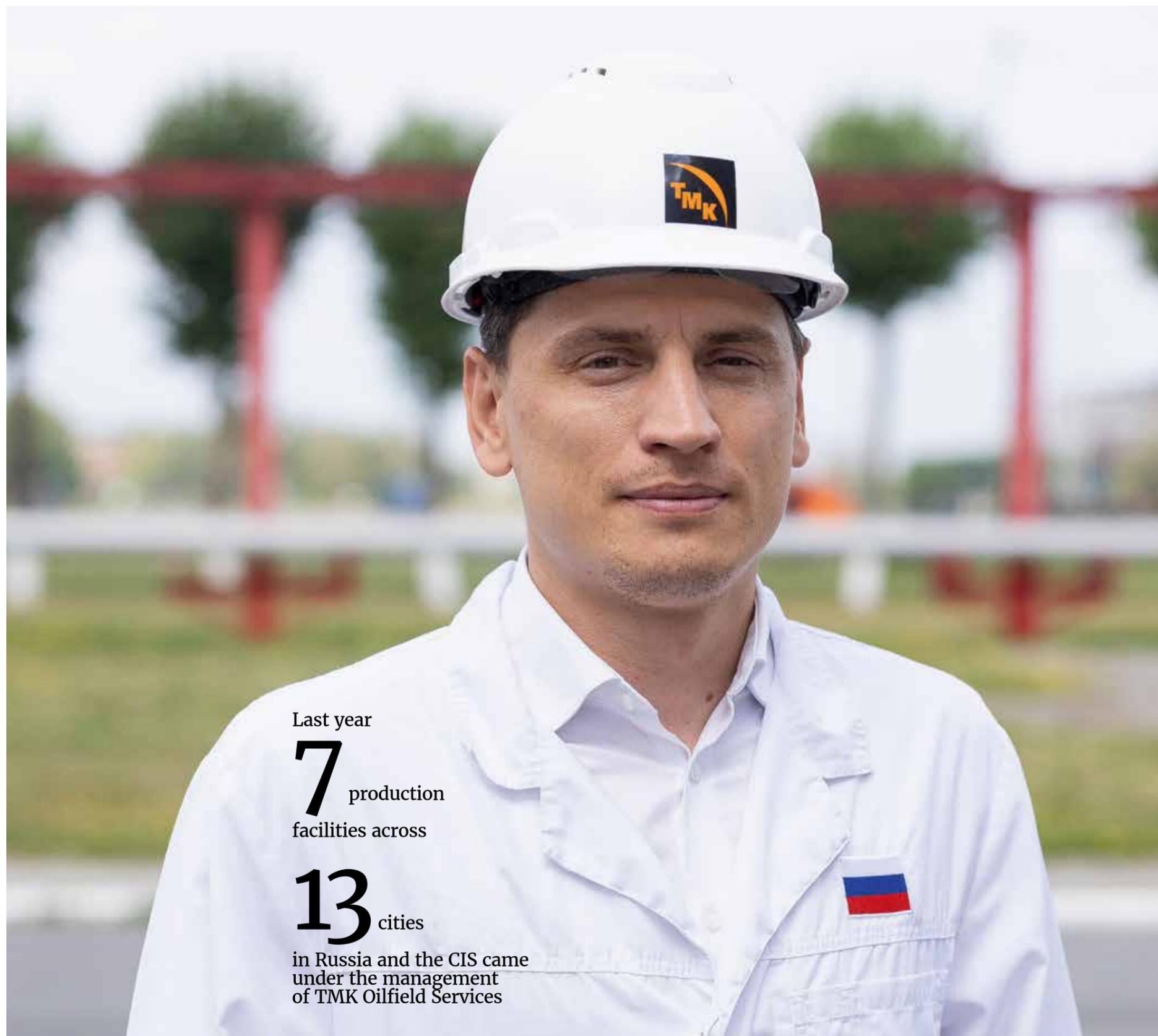
WHEN IT ACQUIRED NEW ASSETS LAST YEAR, TMK OILFIELD SERVICES EXPANDED ITS PRESENCE IN THE URALS AND SIBERIA. **EVGENY GAAS**, CEO OF TMK OILFIELD SERVICES, SAT DOWN WITH US TO TALK ABOUT THE TRANSFORMATIVE JOURNEY OF THE OILFIELD SERVICES DIVISION, SUCCESSFUL BUSINESS INITIATIVES AND HIS COMPANY'S DEVELOPMENT STRATEGY.

**Mr. Gaas, 2021 saw new companies come under the TMK Oilfield Services umbrella: TMK Pipe Service, SPO-ALNAS and TMK-Kazrubprom. Can you take us through the company's transformative journey?**

Last year was indeed a landmark year for TMK's oilfield services division: 7 production facilities across 13 cities in Russia and the CIS came under the management of TMK Oilfield Services. All of these assets complement each other seamlessly and expand our footprint in the Urals, Siberia and the Republic of Kazakhstan, bringing us closer to our customers.

Starting in the second half of 2021, the new leadership team spearheaded a comprehensive review of all work processes (from production to customer service) in line with our new goals and objectives. We balanced the capacities of all facilities and rolled out a single production planning program. We collated and analyzed the experience and best practices from each site, ready to apply across our new assets to secure results with a minimum risk of disruption to business processes.

The single commerce function brought work with external customers under one roof. The thing is that each enterprise had different experiences with this kind of cus-



Last year

**7** production  
facilities across

**13** cities

in Russia and the CIS came  
under the management  
of TMK Oilfield Services



TMK Oilfield Services boasts a strong market share in its niches – filters and thermally insulated casing pipe (2021 saw a 1.3x growth in shipments vs. 2020) – while also continuing to be a key provider of services such as tubing repair and threading, and external pipe coating (up 34% vs. 2020) for the fuel and energy industry

TMK Oilfield Services works with a number of major clients under integrated service contracts that also cover field work. We are working to expand the range of services available to these clients and are committed to deepening our relationships and developing a full understanding of customer needs. We also signed significant contracts with oil and gas players in 2021, increasing our market share in the Russian

downhole filter market. New agreements are on the horizon, including for the supply of downhole filters and elements of casing and tubing strings.

**What are the company’s key objectives for 2022, and what is its long-term development strategy?**

All the changes I have talked about already fall under the company’s develop-

toomer; for example, assets that used to belong to Chelpipe were more geared towards external customers, while TMK Oilfield Services assets were more targeted towards internal customers. The commerce function under TMK Oilfield Services’ new structure has been able to concentrate customer service capabilities and take a smart approach to allocating tasks to employees across key areas.

Production site managers have turned their focus to meeting production needs, boosting efficiency and creating a safe and comfortable working environment for our people.

We also looked at expanding the range of product services on offer and ramping up the output of existing products, such as downhole filters, thermal insulation, waterproof coatings, and tubing coatings.

**Which services can TMK Oilfield Services currently offer?**

We offer long-term partnership contracts with an increased range of services, from delivery, selection and the coating of pipe and elements of casing and tubing strings, to field services and well development, as well as the provision of leased and rental submersible equipment.

[We’re] looking to develop oil rims, the Achimov deposits, with wells

over **5** km deep, and hard-to-recover reserves





GAZPOMIRU

ment strategy to 2025. To secure growth in orders and service capabilities for coating, threading, pipe repair and maintenance, we must increase our production capacity for downhole filters in Noyabrsk and launch coupling production to cover our own operational needs in Buzuluk. The development of new drilling regions is urgently calling for geographical expansion towards the Volga region, Eastern Siberia and the Arctic. These projects are

looking to develop oil rims, the Achimov deposits (with wells over 5 km deep) and hard-to-recover reserves. In the Arctic, where Russian oil companies are eyeing new fields, we need full-fledged service centers with a full range of turnkey services for customers directly where oil and gas will be produced.

Our core priority for this year is to meet our financial and economic targets, with an increase in revenue of 38%. To achieve

The development of new drilling regions is urgently calling for geographical expansion towards the Volga region, Eastern Siberia and the Arctic

this, we must first direct all efforts towards implementing an operational efficiency program that will identify internal capability and capacity.

#### What are your guiding principles when managing the team at TMK Oilfield Services?

By bringing all of these teams together, TMK Oilfield Services has become a single working unit. We have strengthened our core capabilities in drill pipe servicing and coating of tubing and drill pipes, as well as in external coating, thermal insulation and waterproofing of OCTG, and manufacturing premium elements of casing and tubing strings (pup joints, transition pipes and downhole filters).

A joint best practice program has been set up, and we have developed a uniform positioning of TMK Oilfield Services for clients. Teamwork has allowed us to successfully prepare for major tenders in which we plan to participate, including some in regions that are brand new to the Company. **YT**

More than 100 items of specialized equipment and over 1,000 TMK Oilfield Services employees operate at clients' fields every day

010

# TMK OILFIELD SERVICES' ASSETS

## 1 TMK OILFIELD SERVICES

**Yekaterinburg**

Management company

## 2 TRUBOPLAST

- External polyethylene insulation of line pipes (Ø 57–720 mm)

## 3 MURAVLENKO

- Tubing repair
- Delivery to and from fields

## 4 TMK PIPE SERVICE

- Tubing and casing manufacture and repair
- Manufacture of piles, metal structures and elements of casing and tubing strings
- Engineering support (supervision)

## 5 NOVY URENGOY

- Manufacture of elements of casing and tubing strings, including premium elements

## 6 GUBKINSKY

- Delivery to and from fields

## 7 TMK NGS-NIZHNEVARTOVSK

- Tubing manufacture and repair
- Internal and external insulation of line pipes (Ø 76–720 mm)
- Internal tubing insulation (Ø 60–114 mm)
- External coating of fittings

## 8 TALINKA

- Tubing repair
- Manufacture of piles, metal structures and elements of casing and tubing strings
- Delivery to and from fields

## 9 KHANTY-MANSIYSK

- Tubing repair
- Delivery to and from fields

## 10 TMK NGS-BUZULUK

- Manufacture and repair of tubing, drill pipes and elements of casing and tubing strings, including premium elements

## 11 TMK-KAZTRUBPROM

- Tubing repair
- Manufacture of piles, metal structures and elements of casing and tubing strings
- Delivery to and from fields

## 12 URALCHERMET

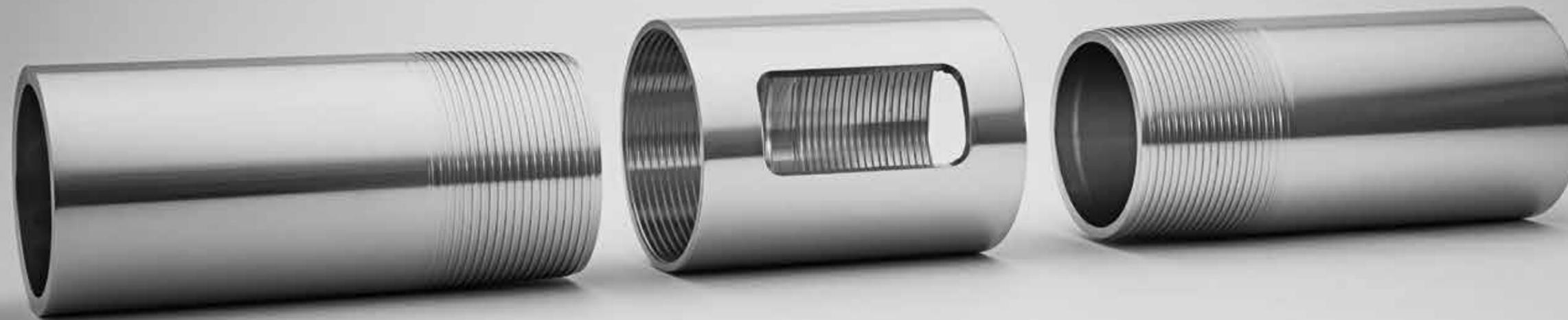
- External anti-corrosion coating of steel pipe (Ø 57–720 mm)
- External thermal insulation and waterproofing
- Production of thermally insulated casing pipe

## 13 SPO-ALNAS

- Tubing repair
- Manufacture of elements of casing and tubing strings
- Manufacture of downhole filters



# PREMIUM STARTUPS



TMK HAS ANNOUNCED A CONTEST FOR INNOVATIVE OIL AND GAS SERVICE PROJECTS.



**Sergey Rekin,**  
General Director  
of TMK-Premium  
Service:

“We have a track-record of many years of successful R&D, working both independently and in partnership with our customers – major oil and gas companies. To accelerate this further and expand its capabilities in sourcing innovation, TMK-Premium Service is launching a selection process for technology-driven projects from outside our company. We aim to build a robust framework for testing and implementing breakthrough solutions introduced by external parties, to enable us to respond faster to market demands, integrate services, improve the technical performance of our products, and enhance our business processes.”

## TMK-

Premium Service, part of TMK, has launched the TMK-Premium Service Pilot Track, a platform to source innovation from the outside. The program will help select and accelerate

startups in various areas of premium tubular services for the oil and gas industry, the development of high-tech threaded connections, and business process optimization. Each project to make it through the competitive selection process will benefit from an accelerated review process, as well as from the opportunity to fine-tune their solutions to match TMK’s specific needs and launch a pilot.

The Company will currently place more weight on AR/VR-based digital solutions in occupational health and safety, high-tech labeling and end-to-end accounting for pipe and tubular products, and corrosion monitoring. TMK is also focused on M2M and IoT projects, electronic document management, and innovations in hydrogen energy.

Valeria Urmancheeva, Executive Director for Product Innovation at TMK-Premium Service, said: “Through the program, we will be looking for promising innovations that will

At least **5**  
pilot projects that graduated from the TMK-Premium Service Pilot Track are gearing up for a 2022 launch

help drive gains in business process efficiency and create additional services for the service division.”

One project to take part in the Pilot Track was a technology startup working on predictive analysis of the patent landscape. By leveraging artificial intelligence and machine learning, the platform allows companies to keep abreast of cutting-edge research developments in areas of interest around the globe.

Priority areas for innovation are driven by the needs of consumers of TMK products. For example, one of the

current demands we are addressing is piece counting and completing product unit data sets to create end-to-end digital data sheets for pipe and tubular products. TMK-Premium Service has already teamed up with Volzhsky Pipe Plant to drive a solution to this problem.

Evgeny Panarin, Head of Integrated Pipe Delivery Services at TMK-Premium Service, said: “We have launched the search for high-tech labeling solutions and the software that will fit best. We have also already reached the final stage of a pilot project to put data matrix barcodes on premium

READ MORE



TMK-Premium Service was founded in 2007 to develop and promote oil country tubular goods (OCTG) with premium connections, as well as provide related services. The company supplies a full range of high-tech threaded connections and OCTG and offers related services in Russia, the CIS, and non-CIS countries.

casing and RFID tags on packages, which could serve as a product’s digital data sheet on a special data collection terminal.”

For TMK, this is not its first time setting up a platform to source external innovation. For example, in August 2021, the Company launched its corporate accelerator, with TMK’s R&D facility in Skolkovo acting as its integrator.

The accelerator now works full-time, and the main consumers of its products – Company partners – play an active role in helping it to grow. The accelerator’s portfolio already boasts more than 30 projects that stand a good chance of commercial viability. **YT**

014



Monitoring the stress strain behavior of gas pipelines is one of the most promising and technically efficient tools for ensuring the reliability and safety of gas pipelines in challenging environments

## TMK's

Smart Pipe project has been carried out as part of an R&D partnership with Gazprom. Test

results show that the system is very effective at measuring stress strain behavior, outperforming traditional, survey-based methods by an order of magnitude.

These new pipe products are expected to be used in areas of high seismic activity, at active tectonic faults and on unstable soils, and at points of intersection of gas pipelines with transportation lines. TMK's innovative pipe will improve the reliability and safety of gas pipelines, allow operators to more accurately assess their technical condition and optimize troubleshooting, maintenance and repair costs.

The smart pipe unlocks more than just real-time monitoring of stress strain behavior via the internet, it also allows non-design loads to be identified across sections of the pipeline, letting operators react promptly to both internal and external forces on the pipeline, thereby avoiding emergencies.

The additional equipment required to generate and detect fiber optic signals – the software, fiber optic sensors and fiber – are all manufactured in Russia, making the project fully localized.

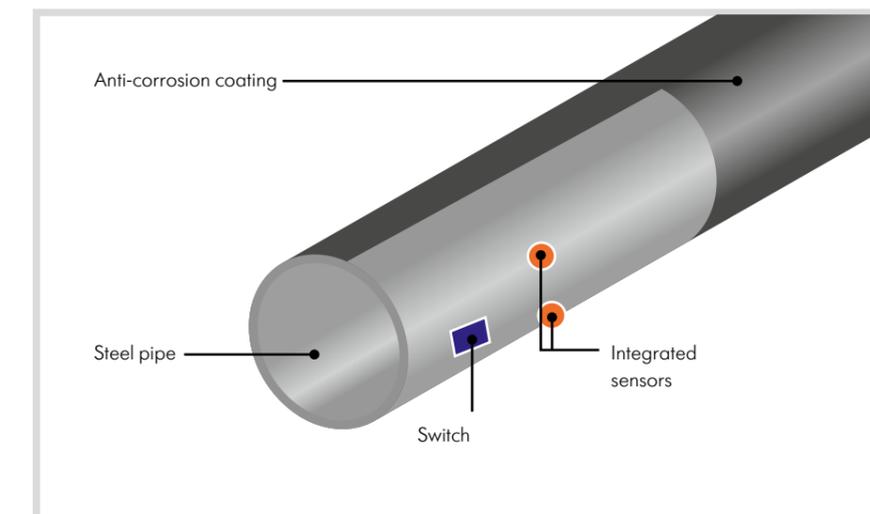
Work is currently underway to select a suitable section of a gas trunkline for full-scale tests of the solution and its system for recording and processing the pipe's stress strain behavior in the field. **YT**

# SMART PIPE

## FOR NEXT-GEN PIPELINE INFRASTRUCTURE

TMK HAS DEVELOPED, PROTOTYPED AND TESTED A NEW TECHNICAL SOLUTION – PIPES WITH INTEGRATED SENSORS TO MONITOR TEMPERATURE, PIPE STRESS AND DEFORMATION IN REAL TIME.

### Smart Pipe: The Upstream Solution of the Future



# 016

## ETERNO: A MANUFACTURER WITH ENDLESS POTENTIAL

IN 2021, TMK ACQUIRED ETERNO, A UNIQUE PRODUCTION SITE FOCUSED ON MANUFACTURING IMPORT-SUBSTITUTING CUSTOM-MADE PRODUCTS FOR THE METALS INDUSTRY AND HEAVY ENGINEERING. SINCE THEN, THE COMPANY HAS SUCCESSFULLY IMPLEMENTED SEVERAL DOZEN UNIQUE PROJECTS AND LAUNCHED THE PRODUCTION OF NEW PRODUCTS.

### FOR

ETERNO, 2021 was a year of developing products for steelmakers. In January, the company manufactured a basic oxygen furnace (BOF) for a major Russian metallurgical plant. The project's biggest challenge was the assembly stage, when 12 individual parts were brought together to make a single 11-meter vessel. The BOF has a wall thickness of 80 mm–160 mm.

On the back of the success of this project, steel producers have become regular customers of ETERNO, ordering both whole converters and parts of them. For example, the company built an upper conical part, which is subject to more wear and tear, in just 60 days, despite the fact that it is almost 3 m high and weighs 49 t.

In July, the company produced ladles for Aksu Ferroalloys Plant in Kazakhstan. Each ladle measures 3.6 m high, more than 3 m in diameter, weighs 15.5 t and can hold up to 50 t of metal.



Customers entrust their unusual and tricky projects to ETERNO

“Over two years, ETERNO has produced more than 70 ladles for steelmakers around the world,” said Denis Prikhodko, TMK’s Director of Sales. “We are ready to ramp up shipments of various products to customers in Russia and beyond, ensuring premium quality and short lead times – the order for Aksu Ferroalloys Plant was fulfilled in just three months.”

In addition to ladles, the production of transport containers for rail, road and sea shipping of steel coil is set to enter batch production in 2021. The Russian Maritime Register of Shipping has confirmed that ETERNO’s products meet international standards, which means they can be used on international routes.

The name ETERNO references “eternal” in a range of Romance languages



**Yaroslav Kuzmin,**  
Executive Director at ETERNO:

“In 2021, ETERNO launched several dozen new products. Yet, every new order for the production of unique equipment for the metals industry remains a challenge; but thanks to the professionalism of our people and our sharp focus on the customer, we can make these orders a reality”.

## Steelmakers are now among ETERNO’s regular customers

### BUILDING EQUIPMENT

Major Russian and international companies entrust their unusual and tricky projects to ETERNO specialists. In August, for example, we produced a circular turntable support frame – a key piece of equipment for moving ladles – for Severstal. With a temperature operating range of –70 °C to +425 °C, the finished product has a height of 1.3 m, a diameter of 8 m and a weight of 54 t, and is made of low-alloy steel.

“This frame is a good example of high-tech structures for steelworks which are currently in high demand. By offering this product, TMK is able to enter new markets,” said Denis Prihodko, TMK’s Director of Sales.

In October, ETERNO manufactured and delivered a customized design EAF bath to Magnitogorsk Iron & Steel Works (MMK).

“ETERNO had previously shipped a 500 ton ladle car to MMK,” said Denis Makienko, TMK’s Director for Machine-Building Business Development. “The EAF bath shipment is another great example of productive collaboration between the industry’s leaders. We provide MMK with knowledge-intensive solutions to produce high-quality steel for flat-rolled products, which are then supplied to our facilities to make large-diameter pipe.”

Further illustrations of ETERNO’s unique manufacturing capabilities are the production of roller units for a continuous casting machine and the delivery of an automated mobile hot metal mixer, designed to receive molten pig iron from the blast furnace shop. The ETERNO team worked on this project for almost two years, developing all project documentation from scratch while driving improvements in the technology. The mobile mixer is a complex mechanical engineering device, consisting of a gigantic vessel (over 3 m in diameter and 32 m long) for pouring the molten pig iron, with two pivot points at the ends, electric tilt drives and railroad flatcars. ETERNO took on all engineering tasks and set up component supply chain management.

### YOUNG AND PROMISING

The production facility was established in 2015 at the site of Chelyabinsk Pipe Plant. It initially focused on products for the oil and gas industry. The company manufactured shells, bottoms, transition pipes, blanks and other parts for trunk and gathering pipelines. The team was quick to launch new products and build up capabilities.



In 2021, ETERNO launched several dozen new products

The Chelyabinsk-based facility produced 15 ladles for the Aksu Ferroalloys Plant



Two years ago, the company launched a new heavy engineering product line for the oil and gas, metallurgical and other industries. ETERNO was able to offer customers end-to-end design and manufacturing services to produce unique products that meet the most demanding requirements.

One of ETERNO’s competitive edges is that it operates a full cycle of production and metalworking processes. Another strength of the heavy engineering product line is that it can tailor each project to meet individual customer needs. It also accepts projects with budgets of up to USD 15 million, which in itself is a huge unique selling proposition in the engineering market.

Every project in heavy engineering is demanding, with specific requirements and stringent standards to meet. A lot depends on the quality of our products: not just the process efficiency but sometimes also the health and safety of workers and environmental safety. For example, ETERNO has experience of building water piping for nuclear power plants.

To date, ETERNO’s portfolio contains dozens of successful projects. New products are added to its heavy engineering product range practically every month, and more and more well-known majors place orders with us. **YT**



**Evgeny Merzlyachenko,**  
Head of Production at ETERNO:

“Our work is customer-oriented. The more complex the project they bring, the more exciting it is for us. It allows us to develop our capabilities, add new equipment to our fleet and operationalize new technologies. It is our philosophy to exceed the customer’s expectations”.

## 020

## 20 YEARS OF COOPERATION



FROM DAY ONE, TMK HAS BEEN CONSISTENTLY DRIVING SOCIAL IMPACT THROUGH PHILANTHROPY. TMK RUNS ITS CHARITY PROJECTS VIA THE SINARA CHARITABLE FOUNDATION, ESTABLISHED IN 2001.

The Foundation runs long-term health, educational, cultural and sports programs in the Sverdlovsk, Volgograd, Kaluga, Orenburg, Rostov, and Chelyabinsk regions



**Natalya Levitskaya,**  
President of the Sinara Charity  
Foundation:

“One of the strategic goals pursued by TMK in its philanthropic activities is to improve the social climate across its regions of operation. The Company supports projects selected through a grant competition, promotes volunteering initiatives of its employees, organizes charitable sporting events, and raises funds to help healthcare facilities and individuals who need it most. Targeted support provided by TMK is an ongoing effort to improve the quality of life in the Company’s host cities.”

#### DAILY CHARITY

Since 2015

**Goal:** to help children undergoing treatment at the Center for Pediatric Oncology and Hematology at the Regional Children’s Clinical Hospital in Yekaterinburg, and at the Kaluga Regional Clinical Hospital.

All funds raised go towards buying expensive anticancer and antifungal drugs, as well as cutting-edge equipment for hospitals. Since the project’s inception, the Sinara Charitable Foundation has worked with partners to give 41 children with central nervous system cancer the best chance of recovery.

In 2021, to mark TMK’s 20th anniversary and to support the project, Run for Good fun runs were held in Kamensk-Uralsky, Polevskoy and Orsk. Employees from Sinarsky and Seversky Pipe Plants and Orsky Machine Building Plant participated in the huge event. All money raised went towards the treatment of young patients at local hospitals

The corporate charitable foundation was established 20 years ago, in September 2001, to implement healthcare, educational and cultural programs. It is now the sole operator of charity work for TMK, Sinara Group and their respective companies. Seversky and Sinarsky Pipe Plants, Orsky Machine Building Plant, Volzhsky Pipe Plant, and Taganrog Metallurgical Plant all have a long history of wide-reaching partnerships with the Foundation. These were joined by Chelyabinsk and Pervouralsk Pipe Plants in 2021.

The core focus of the Foundation was initially to provide targeted assistance to non-profit organizations (NPOs), nursing homes for the elderly and disabled, and special schools and hospitals. Over time, the Foundation has consolidated its activities through projects in various areas. For example, the Sinara Charitable Foundation launched the Sverdlovsk Region’s first-ever grant competition for NPOs in 2007. On top of this, a joint project with the Sverdlovsk State Academic Philharmonic Society – Great Music for Little Hearts – has become a great tradition, with professional musicians running in-person music classes for children from orphanages.

Today, the Sinara Charitable Foundation runs activities in all areas where trustee companies operate. The Foundation runs more than 20 individual projects and campaigns and brings together thousands of people across Russia, from grant recipients and partners to experts and volunteers. Tochka Opory (Foothold), Daily Charity, the Managers League, and the Pain-Free Children’s Hospital are projects with a wide reach in terms of geography and number of participants, and they are only growing each year.

The Sinara Charitable Foundation is actively introducing fundraising tools into its programs and has since 2017 enjoyed regular support from the Presidential Grants Foundation; furthermore, in 2020, the Foundation was added to the Russian Ministry of Economic Development’s registry of socially-oriented NPOs.

“Since it was established, the Foundation’s motto has been ‘Helping Through Action’ – it has never lost its meaning and it very clearly sums up TMK and Sinara Group’s attitude towards social matters. I would like to thank everyone who has been there for us over this time and has participated in our projects, campaigns and events. Together, we can achieve more,” said Natalya Levitskaya, President of the Sinara Charity Foundation. **YT**

**TOCHKA OPORY**  
Since 2013

**Goal:** an interactive project to garner interest among high-school students for in-demand blue-collar jobs in the regions where TMK and Sinara Group operate.

The interactive element includes in-person lessons and field trips to production sites, creative essay and drawing contests, a contest for outreach teams, a quiz game called Brain-Ring, and the final stage – Career Quest. The project is unique as TMK experts help run the training events. They show the school students around operating production sites, tell them about the history of the company and lay out the skills needed for a job in the industry.

Over the course of the project, 90 dedicated classrooms at winning schools have been equipped with robotics kits, 3D printers, chemistry and physics lab equipment, microscopes for biology lessons, electronic and printed teaching aids, information boards, and much more. More than 300 high-school students have taken part in the Career Quest over the years.



Every year, TMK holds events to prepare preschools that it supports for the new academic year

**GRANT COMPETITION**  
Since 2007

**Goal:** to identify and support the best socially-oriented NPOs, support volunteering and bring together people who are taking the initiative to tackle the problems facing society.

Over 15 years, we have supported hundreds of projects by NPOs from the Sverdlovsk, Rostov, Volgograd, Chelyabinsk, Kaluga, and Orenburg Regions, from initiatives to create an enabling and supportive environment for children with disabilities to amateur art festivals, workshops in folk crafts and trades, historical, cultural and local history programs, and workshops aimed at fostering creativity among children and teaching technical skills.



One of Tochka Opor'y's core pillars is providing early career guidance

**PAIN-FREE CHILDREN'S HOSPITAL**  
Since 2019

**Goal:** to purchase modern medical equipment for treating children and to make a hospital stay more comfortable.

Since the launch of the program, the Yekaterinburg Regional Children's Hospital has been donated a contact lithotripter to treat kidney stones, a neurophysiological monitor for complex spinal or brain surgeries, and implants that allow urological diseases to be treated through injections.

In 2021, the Foundation also donated endoscopic instruments and accessories to allow for minimally invasive surgery at the hospital. These modern devices are designed to diagnose and treat very young patients, from newborns to five-year-olds.



**#GIVINGTUESDAY – THE GLOBAL DAY OF GIVING**

The Sinara Charitable Foundation joined this initiative in 2016.

**Goal:** to get people involved in charity.

Over the years, TMK and Sinara Group employees have made dreams come true for children at a Yekaterinburg-based social rehabilitation center, organized a charity fair, and collected toiletries for integrated social service centers, shelters for the elderly and boarding schools for children in care in Russian cities.

In 2021, the Sinara Charitable Foundation announced a campaign to help homeless animals. This major event brought together employee volunteers from 24 cities across Russia. A sizeable amount of essentials was donated to animal shelters, including 2,100 kg of dry pet food, 150 kg of grains, as well as treats, dog accessories, medical supplies, and even an electric hotplate for preparing hot food.

TMK Group entities actively support animal welfare associations by regularly offering support for cats and dogs in shelters and running charity campaigns

In **20** years, the Foundation has:

raised over RUB

**42** million

through the Daily Charity project

seen nearly

**60,000**

people support the Daily Charity project

financially supported over

**3,000**

NPOs

awarded grants to over

**350** NPO

projects from the Sverdlovsk, Rostov, Volgograd, Chelyabinsk, Kaluga, and Orenburg Regions

seen

**20,000**

school students take part in Tochka Opor'y

equipped

**90**

dedicated classrooms

# The Sinara Charitable Foundation donates the most sought-after medical equipment

More than 100 volunteers are involved in a project to support volunteering initiatives

## STOP CORONAVIRUS! March 2020

**Goal:** to support healthcare facilities and NPOs helping isolated elderly people in the regions where the Foundation’s trustees operate.

The Foundation purchased state-of-the-art medical equipment, personal protective equipment and hand sanitizer products for hospitals in Taganrog, Volzhsky, Kaluga, Yekaterinburg, Kamensk-Uralsky, Polevskoy, Orsk, and over twenty other Russian cities in which TMK and Sinara Group entities operate.

While the project was active, over RUB 2 million was collected from individuals from across Russia, with TMK itself donating RUB 100 million. The Sinara Charitable Foundation donated the most sought-after medical equipment and personal protective equipment to a total of 51 hospitals across 23 Russian cities.



## VOLUNTEERING – IT SOUNDS GREAT! Since 2021

**Goal:** to train volunteers in canine-assisted therapy\* for orphans and the disabled.

In 2021, the Foundation was awarded a presidential grant to train volunteers in this area. More than 100 volunteers from Yekaterinburg, Polevskoy, Pervouralsk, Kamensk-Uralsky, Orsk, Taganrog, and Volzhsky are now involved in this project. The future specialists in this area attended more than 100 online theory training classes. Volunteers are already visiting social infrastructure facilities for practice and are shadowing experienced experts at therapy sessions.

\* A form of rehabilitation treatment that uses specially-trained dogs.



## THE MANAGERS LEAGUE

Since 2019

**Goal:** to identify and develop up-and-coming managers from Volzhsky, Orsk, Kamensk-Uralsky and Polevskoy – cities where TMK facilities are located.

The project consists of an educational online marathon featuring leading Russian business coaches and university lecturers. The program brings together hundreds of participants from across Russia. The top performers get the chance to work with mentors on real cases in their own communities and can present their own projects promoting the social and economic development of their cities or regions.

The educational online marathon features leading Russian business coaches and university lecturers



## Your Dependable Tool for the Energy Transition

Improving and developing effective and innovative solutions is TMK's key focus in the energy transition.

TMK is offering the energy market two new pipe solutions: the Sputnik H and C lineups for the production, transportation and storage of hydrogen and its by-product, carbon dioxide.



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