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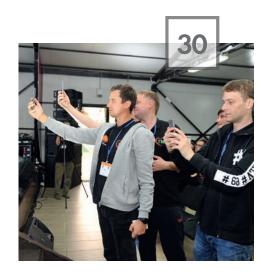


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BUSINESS COMMUNITY
INNOPROM IN FIGURES

TMK at the Key Industrial Trade Fair in Russia

LEADERSHIP

MARYAM AL KINDI: "MY MOTTO IS: PRODUCTIVITY, ENTHUSIASM, COOPERATION"

The story of career growth of Maryam Al Kindi, Chief Operations Officer at TMK Gulf International Pipe Industry (GIPI)

COMMUNITY

HORIZONS TAKES ON A DIGITAL DIMENSION

Digital transformation took centerstage at the annual Horizons International Corporate Forum in Sochi, Russia

Q&A

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NEWS 04

APPOINTMENTS



Vyacheslav PopkovTMK Senior Vice President – Chief Engineer has been put in charge of the TMK Production and Technological Development Unit, which was previously called the Production and Engineering Unit.



Sergey ChikalovAppointed TMK Vice President for Technological Development and Technical Sales. He previously served as TMK Vice President for Technical Sales and Innovation.

TMK: FIRST 9 MONTHS 2018

Growth in key performance indicators year-over-year during the first nine months of 2018 was driven by increased shipments of ERW pipe in the American division due to growing drilling activity in North America and rising shipments of seamless OCTG and large-diameter pipe in the Russian division. Lower results in Q3 vs. Q2 were due to CAPEX projects and scheduled

outages at the Russian plants and a temporary slowdown in the U.S. market. The shipments of Premium connections in the first nine months of 2018 grew by 27% compared to the same period in 2017 and reached 738,000 joints, driven by more challenging drilling and production conditions at oil and gas projects in Russia and the United States.

Shipments of tubular goods (thousands of tonnes)

Products	Q3 2018	Q2 2018	Change, %	9 mos 2018	9 mos 2017	Change, %
Seamless	632	716	(12)	2,025	1,996	1
Welded	317	359	(12)	979	825	19
Total	949	1,075	(12)	3,004	2,821	7
Including OCTG	470	492	(4)	1,422	1,311	8

Financial performance (USD million)

	Q3 2018	Q2 2018	Change, %	9 mos 2018	9 mos 2017	Change, %
Revenue	1,207	1,355	(11)	3,835	3,191	20
Gross Income	221	250	(12)	692	662	5
Adjusted EBITDA	164	197	(17)	522	444	17
Adjusted EBITDA profit margin (%)	14	15		14	14	

MINERVA TO BOOST ENVIRONMENTAL PERFORMANCE

TMK INOX has launched a new system for long pipe degreasing. It ensures an optimal process cycle of degreasing of pipe up to 24 m long after they pass the cold rolling and sink drawing stages. Degreasing is needed to prevent the grease from burning during subsequent heat treatment.

The new system includes basins for

pipe degreasing and washing with hot water, composite materials basins for pipe washing with cold water, and the Minerva unit designed for treatment and ultra-fine filtering of degreasing solutions. Minerva ensures a sparing consumption of water and degreasing solutions, thereby minimizing the environmental footprint of the facility.





ULTRA FBE COATING FACILITY LAUNCHED IN WILDER, KENTUCKY

On November 9, 2018, the American division held a grand opening of the state-of-the-art coating facility in Wilder, Kentucky. Guests included the Mayor and Council Members of Wilder, the Judge of Campbell County, representatives of the Office of the Governor of Kentucky, the Kentucky Cabinet for Economic Development and the Northern Kentucky Tri-ed Economic Development Council. They were greeted by TMK IPSCO Chairman and CEO Piotr Galitzine and Vice President and COO Joel Mastervich. Vyacheslav Popkov, Senior Vice President and Chief Engineer of TMK Group, attended from Moscow.

Located near the ERW mill, the coating facility externally coats flowline, gathering and transmission line pipe 2 3/8" to 24" in diameter and has excellent logistics to ship the finished product by truck, rail or barge. 280,000 tons of annual capacity are available in fusion-bond epoxy (FBE), abrasion-resistant overcoating (ARO), and specialty coatings. The plant accepts orders for coating customer-owned pipe.

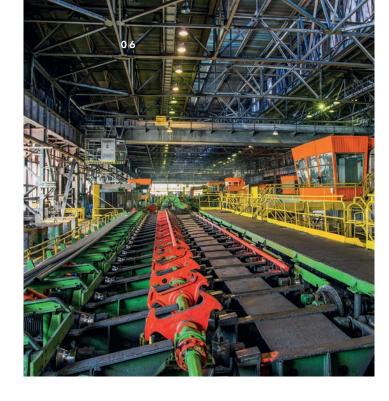
The new coating facility is one of the most automated FBE pipe coating plants in the United States and is designed to minimize hands-on operations for improved safety.



MAJOR UPGRADES COMPLETED AT TAGMET AND STZ

A major overhaul of the heat treatment bay has been completed at the pipe rolling shop of TAGMET. It involved all primary units of the heat treatment bay: heat treatment furnaces, the sizing mill, the mechanized loading rack, the seven-roller pipe straightening-mill, the cooling unit, the NDT line, and other units and assemblies.

A scheduled major maintenance outage of the



FQM continuous mill and the plain-ends pipe finishing shop also took place at Pipe Rolling Shop No. 1 of Seversky Pipe Plant (STZ). Mechanical, electrical, and utility equipment, automation systems of the primary units of the hot rolling line, pipe heat treatment bay No. 1 and pipe cutting line No. 3 underwent upgrades.



TRAINING SIMULATOR FOR THE UNIVERSITY

Volzhsky Pipe Plant (VTZ) has launched a training simulator that fully mirrors the operation of the TPA 159-426 pipe mill at VTZ Pipe Rolling Shop No. 3. The new machine adds to the fleet of TMK training simulators already operating at various facilities as part of TMK2U Corporate University. The simulator is designed for training and professional development in such occupations as process engineer, hot mill operator, and hot mill roller.



TALKING BUSINESS

TAGMET hosted the meeting of Technical Directors and Directors of Quality of TMK plants. It was attended by more than 60 leaders representing plants from the Russian, European, Middle East, and American divisions of TMK.

Participants discussed more than two dozen topics over the course of three days: among them, 1H performance, tubular market situation, development of the corporate quality management system and equipment compliance with environmental protection laws. They also outlined key tasks for the immediate future. Particular focus was on occupational and industrial safety practices at TMK divisions.



APPOINTMENTS



Igor Pyshmintsev
Appointed TMK Research
Director – Director of Corporate
R&D Center. He previously
served as TMK Deputy Chief
Engineer for Research. He is also
the CEO of the Russian Research
Institute of the Tube and Pipe
Industries (RosNITI).



Sulaiman Al Farsi
Appointed CEO of TMK GIPI
(Sohar, Sultanate of Oman). He
previously served as Director
of Human Resources and
Administration at TMK GIPI.



BEST OF THE BEST ACCORDING TO WORLDSKILLS RULES

TMK held its first corporate professional excellence competition based on WorldSkills principles arranged by the TMK2U Corporate University, which ended in late July at Seversky Pipe Plant. Sixteen employees from four TMK pipe plants and twelve experts participated in the

competition. The winners joined the team that represented TMK at the 5th National Championship – WorldSkills Hi-Tech 2018 in Yekaterinburg on October 24–28. TMK also sponsored the Industrial Automation section of the competition.

WorldSkills Hi-Tech is Russia's biggest professional excellence competition among young specialists of Russia's largest industrial companies. The championship has been held since 2014 under the auspices of the Russian Ministry of Industry and Trade and the Sverdlovsk Regional Government.

NEWS 08

Q3 2018 LIVING OUR VALUES FINALISTS ANNOUNCED

The TMK IPSCO Executive Leadership team has selected the finalists in the Living our Values Program for the third quarter of 2018.

In the Customer Focus category, Sharon Zipprian, Nick Marsalia, Vivek Kashyap, Mike Bergfeld, Kirsten Augsback and Jack Festing-Smith were chosen for their work together to satisfy a first-time customer, Delek, and deliver an initial order of 130,000 feet of 12.750" line pipe. From taking the initial inquiry to delivering the final product, these employees exhibited

the highest level of both internal and external customer service and Drive for Results. Due to their efforts, the company has subsequently secured two more orders totaling 191,000 feet and developed a great working relationship with this pipeline customer.

In the People category, Dustic Hudec was selected for his positive attitude, willingness to help other employees (especially new employees), excellent knowledge of his field, perfectionist attitude in his work and readiness to Communicate.

In the Business Savvy category, Rick Lee Jones and Octavio Peralta were chosen for their work on the EMI unit at Baytown. It experienced a failure last August and Tuboscope quoted a repair time of 8-10 days, which would have had a significant impact on company shipments and customers. Rick and Octavio worked together, Demonstrating a CAN-DO attitude, and safely repaired the unit in-house in 3.5 days, salvaging 2,700 tons of production. Additional cost-savings were achieved by bringing repair work in-house versus using an outside contractor.

FRIENDSHIP SUMMIT

Over 400 employees and 20 teams representing companies of TMK and Sinara Groups took part in Friendship Summit 2018. The meeting venue was on the picturesque bank of the Kamenka River. Sinarsky Pipe Plant was the organizer of this monumental event.

Friendship Summit's aim is to promote sports tourism and get TMK employees more actively involved in sports, as well as to promote a healthy lifestyle, teamwork and a team spirit. Teams competed in tourist trail racing, rock climbing, orienteering, volleyball, football penalty shots, shooting, kettlebell snatch, and tug-of-war, among other events.



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TMK FITPARK OPENS AT IPSCO HOUSTON HEADQUARTERS



On October 25, 2018, TMK IPSCO Chairman and CEO Piotr Galitzine officially opened the TMK FITPark, a fitness and recreational facility adjacent to the Houston corporate headquarters. The total area of the park is 66,000 square feet. It contains walking paths, tables and benches for employees to enjoy their lunchbreak outside, and a variety of sports equipment, including parallel bars, a horizontal bar, a crunch bench and a basketball hoop. An area to play table tennis was set up inside the main building, and it became an instant success among the employees during lunch hours.

The name for the park was chosen by the executive team through secret ballot suggestions provided by company employees.

The company is hoping to promote an active and healthy lifestyle among its employees, which according to multiple studies is directly linked to higher job satisfaction and productivity in the workplace. Employees also have the opportunity to meet their counterparts from other departments, thus strengthening corporate connections and culture.

APPOINTMENTS



Igor Korytko
Appointed TMK Vice President
for Performance Management.
He previously held executive
positions with Russian metals
industry and heavy machinery
engineering companies.

2018 SEES MULTIPLE RECORDS IN THE AMERICAN DIVISION

TMK IPSCO facilities set 37 production records in 2018. Koppel melt shop and heat treat, Blytheville and Geneva welding, Baytown and Catoosa heat treat, Brookfield and Midland threading all achieved new production milestones in 2018.

The hot mill at Ambridge deserves a special mention. Last year, it produced a record 449,098 tons, an 8% increase over 2017, and for the first time in its history reached its nameplate capacity. "All of that was achieved by higher craftsmanship, applying OEE methodology and without major capital outlays," pointed out Chairman and CEO Piotr Galitzine. "The hot mill is the foundation of our seamless business and thus critical to the profitability of the entire company."

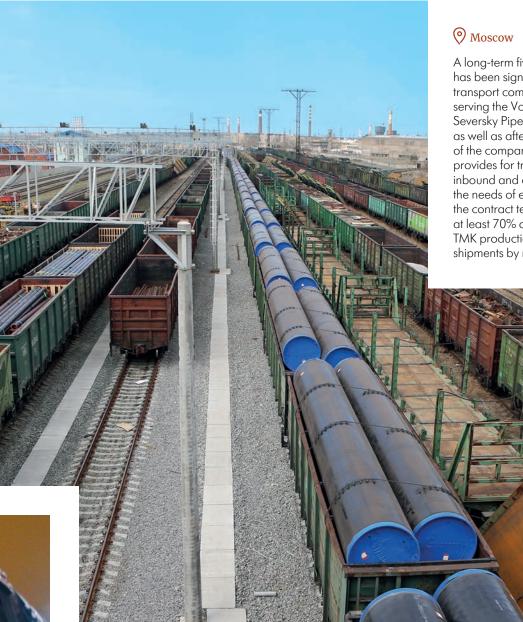
Claims continued their multi-year downward trend and dropped to an all-time low of 151, down 27% from 2017 and 87% from 2014.

PARTNERSHIPS 010



AGIBA PETROLEUM COMPANY /october - November/





A long-term five-year contract has been signed with this Russian transport company. NPK will be serving the Volzhsky, Sinarsky, and Seversky Pipe Plants, TAGMET, as well as after-sales service units of the company. The contract provides for transportation of inbound and outbound cargo for the needs of each plant. Under the contract terms, NPK will meet at least 70% of the demand of TMK production companies for shipments by rail.

GLOBALTRANS NPK NEW TRANSPORTATION COMPANY (NPK)

GROUP-IB

/September/



TMK has signed a strategic cyber security agreement with this international company specializing in computer forensics and security. This cooperation is meant to boost TMK's information security and help detect and prevent cyber threats. The agreement also provides for upgrades to the company's existing automatic tools that scan the infrastructure for hard-to-detect malware used by cyber-criminals, as well as measures to neutralize information security threats or prevent them from escalating.



THE MIDDLE EAST DIVISION OF TMK **DEMONSTRATED** STEADY GROWTH IN 2017, SETTING A **RECORD IN PRODUCT** SHIPMENTS AND SALES. THE DIVISION'S LEADER, VLADIMIR SHCHERBATYKH, **DISCUSSES THE** SPECIFICS OF THE MARKET AND PERSONNEL RELATIONS, **ACHIEVEMENTS AND OBJECTIVES.**

To what do you attribute such outstanding performance in 2017?

Excellent performance in 2017 was driven by the work done in the previous year. In 2016, the Middle East Division formed a solid portfolio of orders. We won the Petroleum Development Oman tender and signed a four-year contract for line pipe supplies. As a result, the division managed to demonstrate high sales volumes in 2017. We shipped 140,000 tonnes to clients, which includes pipe produced by TMK GIPI and Russian plants of TMK. This is approximately 21% more than in 2016. Our division also completed a number of groundbreaking projects. We made the first

delivery of seamless pipe for construction of a deepwater pipeline for the strategic Zohr project in Egypt. The company has retained its position as the largest supplier of seamless pipe for subsea pipelines of ONGC in India.

Do you expect such high results for 2018?

Our division has a large growth potential. TMK keeps building up its presence in the Middle East and North Africa. In the most recent period, we have passed a number of key qualifications by leading petroleum companies in the region and expanding to new markets. We estimate this will enable us to continue the upward trend in 2018 and increase sales to the market by 15-18%.

What are the current specifics of the Middle East market? Have there been any changes in recent years?

First, the level of competition is very high here. Most procurement is done through public tenders. A market localization trend has been discernible in recent years. Governments of Middle Eastern and North African countries are implementing new regulations designed to support local manufacturers. India has adopted new metals industry policies that protect the interests of local producers. The Gulf Cooperation Council is thinking of imposing anti-dumping duties within their respective countries against Chinese manufacturers. Another specific feature of the market is the lengthy procurement process.

What are the key competitive advantages of the Middle East Division of TMK?

We offer ready-made solutions and a wide range of products. Even though our GIPI plant meets the most rigorous requirements for welded pipe, we continue to modernize our production processes. Two years ago we launched a 6" welded pipe line and won a PDO tender. Oman has an annual demand for more than 2,000 km of pipe of this size. Under the contract with PDO, in 2017 we designed a new modern line for application of inside epoxy coating to provide an added layer of protection against corrosive H₂S and CO₂ gases.

Would you tell us about the initiatives of TMK GIPI in the social sphere?

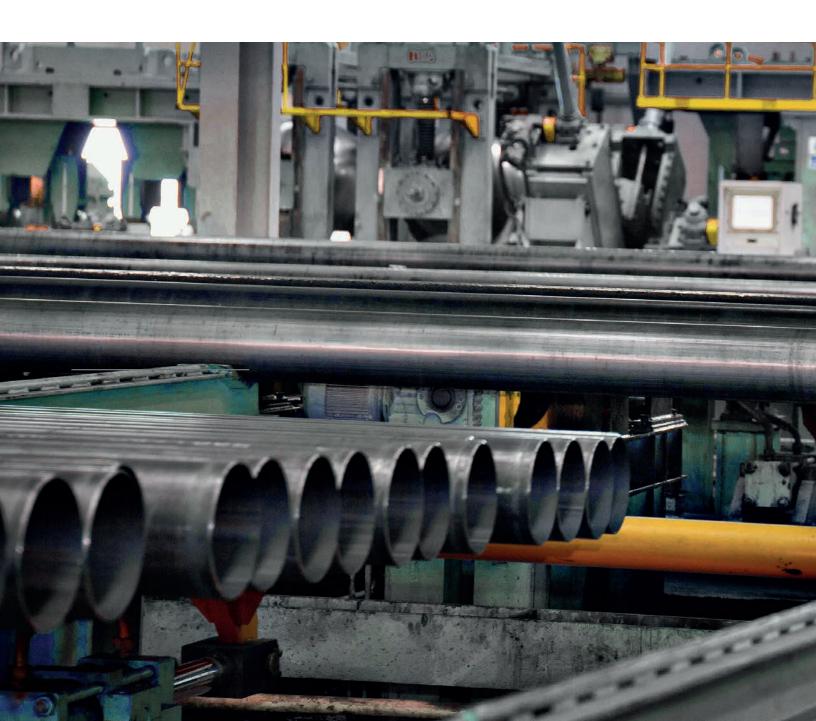
Both in business and in employee relations, TMK GIPI follows the motto: "Add value to everything that we do." The Middle East Division is involved in

COVER STORY 014

social and infrastructure initiatives of the Municipality of Sohar, supports underprivileged families, and sponsors kindergartens in Sohar and Liwa. We also actively promote professional education and development among local youth. Five Omanis who studied at Russian technical colleges have been hired by different departments of TMK GIPI. We regularly provide internships to students of local engineering colleges with the possibility of subsequent employment. The Middle East Division also supports initiatives as part of the ICV (In-Country Value) program in matters of environmental safety and protection. Our employees stage workshops and give lessons focusing on these subjects at educational institutions.

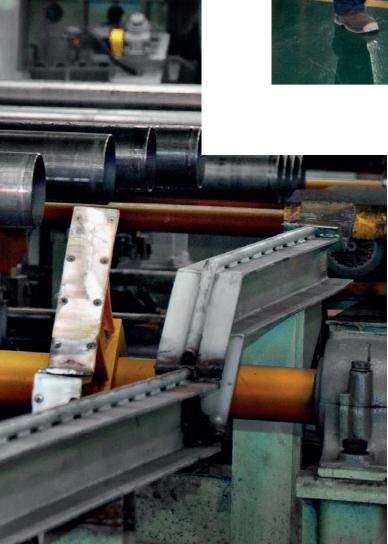
What are the main features of your employee relations policy?

Due to irregular utilization of production capacities from one month to the next, TMK GIPI practices rotation of production employees between different sites. The HR Department and department leaders try to utilize internal resources as much as possible without hiring additional external workforce through rotation and additional training and skill development. Employee training and development is largely accomplished using our internal resources through on-the-job training programs. We also send our workers to external trainings and educational



The team of executives at TMK's Middle East Division is the youngest among all TMK managers.





programs, especially if they involve mandatory certification or the training is required by our customers. Internships or apprenticeships at TMK plants are particularly important.

Does the region have a law that specifies how many employees of a certain nationality you must hire?

Yes. We have a multinational team. However, the number of Omani employees in the industrial sector must be at least 35%, which is prescribed by law. As of late 2017, over 40% of TMK GIPI employees were Omanis, exceeding the target. The percentage of Omani senior managers is 30%. Incidentally, the team of executives at the Middle East Division is the youngest among all TMK managers with an average age of 39. Thanks to many years of experience in the region they know their way around the industry, understand market trends, and approach complex tasks in a professional manner. YT



KEY EVENTS IN THE MIDDLE EAST DIVISI (2012–2017)

2012

TMK acquired a controlling interest in the pipe manufacturing plant Gulf

International Pipe Industry LLC (GIPI) in the Sultanate of Oman.

2013

TMK GIPI
received a
Petroleum
Development
Oman award
for its successful
manufacture and
delivery of pipe
for a 158-kilometer gas pipeline in
south Oman.



Contract signed to supply pipe with a three-ply polyethylene external coating and liquid epoxy internal coating for construction of the Muscat-Sohar product pipeline.



2015

2016

Purchase order received from Daleel Petroleum for the supply of API 5L X52 pipe with a three-ply polyethylene coating for a 52-kilometer pipeline.





Vladimir Shcherbatykh, Head of TMK Middle East Division:

I believe the division's most important achievement has been to create a professional and highly effective team.

Despite our geographic spread – the UAE, Oman, Switzerland, Moscow – we work in unison to achieve our common targets. Since our operation began, there have been many

exciting events: the TMK GIPI plant upgrade, the long-term contracts signed with leading oil and gas companies in the region, and the opening of credit lines that have allowed us to pursue our sales policy and at the same time make the purchases that TMK GIPI needs. Working in the Middle East Division is something that is personal to all of us. We feel badly if things in the division go wrong and celebrate its successes as if they were our own.



Irina Georghian, CEO of TMK Global SA:

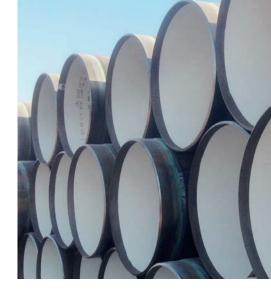
The most outstanding event in the history of the TMK Middle East Division was its founding. It enabled us to effectively channel the flows of goods and cash, to use the credit lines opened in foreign banks for divisional interests, to collectively evaluate the compliance risks involved in implementing joint projects, and to provide support for

divisional companies in bidding for major projects. As exclusive supplier of hot rolled coil, TMK Global SA is able to plan guaranteed purchases of that product for tubular production at the TMK GIPI plant and make effective use of the credit facility to replenish the working capital of TMK Middle East and TMK GIPI. The division's major strong point, however, is its forceful team of highly skilled specialists who operate on principles of mutual understanding, cooperation and support.

COVER STORY 018



Four-year contract signed with Petroleum Development Oman. First service order for Oman Gas Company completed to apply three-ply polyethylene coating on 230 kilometers of large-diameter 36" pipe.



Purchase order received to supply 6" line pipe for a 1,600-kilometer PDO pipeline project.



2016

A new coating line commissioned at TMK GIPI for powder epoxy internal coating to meet the new Shell/PDO – DEP 31.40.20.37:2017 specification and SP-2217:2017 requirements.





2017

Won an Oman Oil Refineries and Petroleum Industries Co. tender for the Liwa Plastic Industries Complex project. Supplied 300 km of 14" diameter X65 sour service line pipe with external threeply polyethylene coating for construction of a natural gas condensate pipeline.

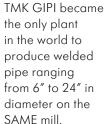
Working meeting with Mr. Salim al-Aufi, Undersecretary of the Sultanate of Oman Ministry of Oil and Gas, and the delegation he headed to discuss business and social cooperation issues.







produce welded pipe ranging from 6" to 24" in diameter on the







Won a BP Oman tender and signed a four-year framework contract with the company to supply 18-5/8" (473 mm) diameter casing pipe.



Suleiman Al Farsi, CEO of TMK GIPI:

As part of the TMK Middle East Division, TMK GIPI is having a beneficial effect on Oman's pipe market. Our operations have led to a resurgence of local and regional markets in terms of the supply of high quality tubulars that are manufactured to meet advanced standards in a safe industrial environment. TMK Group sent its foremost specialists to TMK GIPI in order to pass on their practical

skills to local personnel, which has made us a more efficient producer. The Middle East Division team endeavors to shape its relations with local Omani companies into a true partnership, rather than just a supplier-client relationship, by offering an entire spectrum of services. One of the most vivid examples of this was the signing of our four-year contract with Petroleum Development Oman (PDO). Everyone in the division contributes to our history of success, showing that the key factor in a successful operation is teamwork.



Dmitri Tyrkba, CEO of TMK ME FZCO:

Over the past four years, the Middle East Division has demonstrated a steady growth of ERW and seamless pipe sales. At the same time it has completed a number of strategically important qualifications and has succeeded in creating new market niches. Among the most important events. I would highlight the signing of a long term four-year contract with

Petroleum Development Oman in 2016 for TMK GIPI to supply 185,000 tonnes of ERW pipe to build in-field supply lines and trunk lines. Plus TMK's first purchase order to supply 25,000 tonnes of seamless pipe to Belayim Petroleum Company to build an extradeep subsea glycol pipeline for Phase 2 development of Egypt's Zohr gas field. And this is just a small part of what we have been able to achieve through the Middle East Division's coordinated teamwork.

COVER STORY



OUR STRONGHOLD IN THE MIDDLE EAST

TMK MIDDLE EAST, OUR TRADE DIVISION IN THE MIDDLE EAST AND NORTH AFRICA (MENA) REGION, HAS BEEN MAKING CONFIDENT STRIDES IN THIS HIGHLY COMPETITIVE, ALBEIT ONE OF THE MOST APPEALING MARKETS, FOR TUBULAR INDUSTRY PLAYERS.



ALMOST

70%

OF TMK
PRODUCTS SOLD
IN THE REGION
ARE SHIPPED
TO MAJOR
INTERNATIONAL
OIL AND GAS
COMPANIES

MK has always viewed the MENA region as a strategic and promising market. The TMK division is headquartered in the Dubai Airport Free Zone (DAFZA), a transport and logistics hub of the MENA region that boasts the world's largest

proven hydrocarbon reserves.

Since it was established in mid-2006, TMK Middle East has been marketing and selling products of TMK Group plants in the Middle East, North Africa, and in countries of the Indian subcontinent. Another key task of TMK Middle East is to synchronize TMK efforts in the region. Situated in the heart of the Middle East oil industry, TMK Middle East has the onsite resources to offer customers related warehousing and after-sales services as well as technical, logistical, and commercial support for their business. This has become a major competitive advantage.

Despite the company's vast geographic reach, TMK Middle East has a modestly sized staff. The team consists of 14 skilled professionals, seven of whom directly handle sales. The division's President and CEO Dmitry Tyrkba notes, "Our division employs citizens of seven different countries, but our multinational workforce is no hindrance for a comfortable professional atmosphere and team spirit."

In 2012, the sales team of the Middle East Division opened a satellite sales office in Muscat, the Sultanate of Oman. A five-member team, led by TMK GIPI Chief Commercial Officer Dmitry Maksimov, covers the domestic market of Oman.

CONTRACTS AND PROJECTS

The Middle East Division sells products to 15 countries in the region. The primary sales destinations, however, are the domestic market of Oman as well as the markets of Saudi Arabia, Egypt, India and the UAE.

Oman

The electric welding mill of TMK GIPI, a plant that joined the company's Middle East Division in 2012, was upgraded in July 2016. The upgrade has made it possible to expand the plant's product mix and manufacture pipe from 6" to 24" in diameter. These products caught the attention of the largest consumer in Oman – Petroleum Development Oman (PDO), which uses 6" pipe in the construction of the majority of flowlines. That same year, TMK won a tender and signed a long-term four-year contract with PDO for the delivery of 86,000 tonnes of 6" pipe with an internal epoxy coating, among other products.

Another noteworthy project in Oman was a contract with the Liwa Plastic Industries Complex of Oman Oil Refineries and Petroleum Industries Co.

The Middle East Division sells products to 15 countries in the region.

COVER STORY 022

(ORPIC) to supply 22,000 tonnes of 14" X65 sour line pipe with three-ply polyethylene coating for construction of a natural gas condensate pipeline.

Egypt

Over the past two years, the Middle East Division qualified products from TMK's Russian plants with a number of Egyptian companies, resulting in growing shipments to the market, among them Petrobel (a JV of EGPC and ENI), Suez Oil Co. (SUCO) (a JV of EGPC and RWE), Agiba Petroleum Co. (a JV of EGPC and ENI), and Khalda Petroleum Co. (a JV of EGPC and Apache).

TMK supplied almost 24,000 tonnes of 8 5/8" x 0.812" L450QO (ISO 3138) seamless pipe for the construction of a strategic deep-water pipeline for Petrobel.

Iraq and Kuwait

TMK Middle East has delivered the first shipments of pipe with TMK UP premium connections to Iraq (for Lukoil Overseas Iraq Exploration and Hunt Oil) and to Egypt (for PetroShahd). TMK has had its qualifications with Kuwait Oil Co. (KOC) expanded by adding the TMK UP FJ and TMK UP SF integral premium connections. The company has won the first order to supply premium connections to Kuwait under a three-year framework agreement with KOC.

Saudi Arabia and UAE

Two major contracts have been completed over the past two years. In March 2018, the company completed the delivery of 9 5/8" L80, BC and 13 3/8" L80 casing with TMK UP PF premium connections under a long-term contract with Abu Dhabi National Oil Company (ADNOC) (UAE). In August 2018, the company filled a large order for 16" X60 seamless line pipe for Saudi Aramco.

India

After passing qualification in 2011 with Oil and Natural Gas Corporation Ltd. (ONGC) as the supplier for subsea projects, TMK Middle East has managed to secure a firm foothold in this segment. In recent years, the company has shipped over 70,000 tonnes of pipe to various construction companies involved in 10 subsea EPC projects.

TMK has been actively promoting vacuum insulated tubing (VIT) in markets of the MENA countries since 2017. The company has successfully passed qualification and delivered VIT for a pilot project of Oil India Ltd. TMK has also entered into negotiations with ONGC regarding the possible use of VIT at the Lanwa Field in the State of Gujarat.

TMK Middle East employs

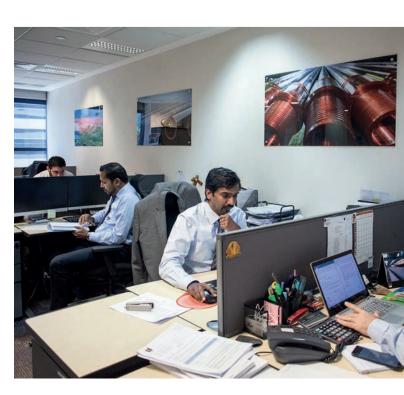


GROWTH OUTLOOK

The choice of the right strategic areas and ongoing customer outreach efforts have yielded their results. In addition to growing shipments, TMK Middle East has changed its product mix. Compared to the previous years, in 2017 and 2018 the company supplied more high-strength and high-collapse seamless casing and tubing (grades P110 and higher) as well as tubulars for subsea pipelines (56% of all seamless pipe shipments).

Since 2014 the Middle East Division has been showing a confident upward trend in sales of both locally-made welded pipe and seamless pipe manufactured by Russian plants of the TMK Group. The company is determined to maintain growth at this pace going forward. YT

> TMK Middle East employees actively promote company's product in local markets



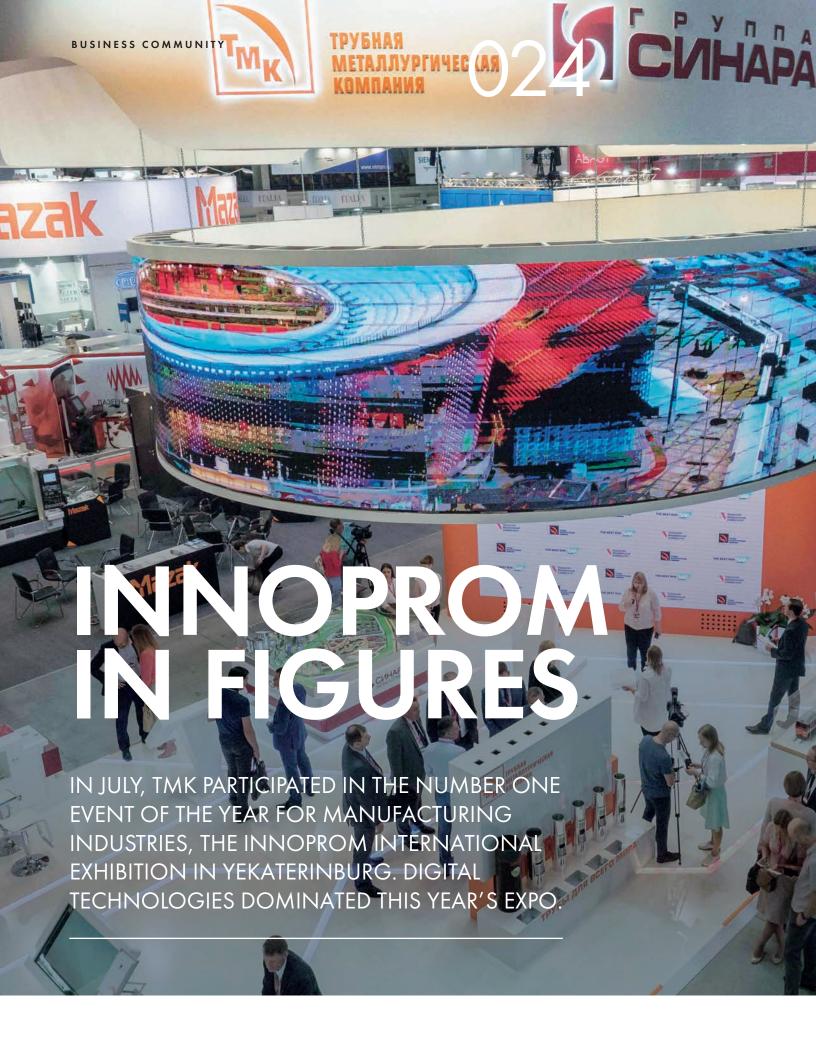


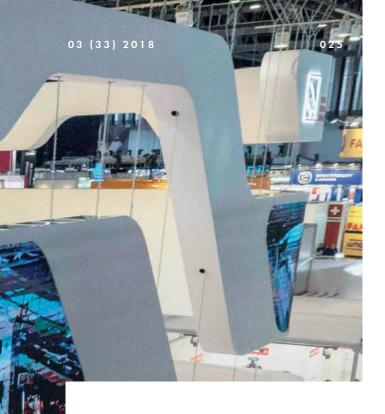
Key sales markets – Oman, Saudi Arabia, Egypt, India and the UAE

TMK tubular goods for the Zohr deepwater projects were shipped from the Port of Novorossiysk.









EVENTS AND TRENDS

Yekaterinburg has hosted Innoprom for the ninth time. In addition to the expo, the event has become a venue for dialogue between representatives of local governments, the business community, and experts on the ongoing digital transformation.

This year's Innoprom hosted over 150 events. Key events included the strategic session called "People. Machines. Software: Efficiency of Interaction," the Russian-Korean industrial forum, plenary sessions across six subject-specific tracks, and three international forums.

Robotic automation and digital transformation in the manufacturing industry became the hottest topic. Experts believe that the demographic situation in Russia mandates introducing more automation into manufacturing. To quote Ravil Khisamutdinov, Director of Development at truck automaker KAMAZ, "It is up to robots and robotic manipulators to offset the shortage of workers at plants caused by natural population decline."

Experts with the Russian Association of Robotics (RAR) are certain that sales of robotic automation solutions in Russia could grow by a minimum of 8%, or by as much as 15%, according to the optimistic baseline scenario. Three sectors offer the most promise in this regard: the food industry, the petroleum industry, and the financial sector.

South Korea, an Innoprom partner country, presented one of the world's largest robotic engineering clusters in the town of Daegu.

"Our cluster is home to two institutes, a robotics association, an innovation development center, an experimental center, and 160 robotics companies. Such robotics giants as ABB and KUKA also have

INNOPROM 2018 IN FIGURES

EXPO FLOOR SPACE:

50,000

NUMBER OF VISITORS:

46,000

NUMBER OF PARTICIPANTS:

OVER 600 COMPANIES FROM 20 COUNTRIES

branch offices in our town," said Daegu Mayor's Office Department Chief Xing Gion Tsop, who invited all meeting participants to the annual global robotics forum to be hosted by Daegu in November 2018.

Discussing Russia's strengths in the digital transformation domain, experts primarily pointed to the development of software for the robotics industry. The Russian companies ABAGY and TRA Robotics are well-known in the world.

Participants also touched on another industry trend – so-called "cobots." These are robots that coexist and work side-by-side with people. Korean partners also expressed an avid interest in the unique Russian product known as ExoAtlet® Pro. It is an exoskeleton for rehabilitation of the locomotor system, which has been successfully marketed in South Korea and Japan.

TMK INNOVATIONS

TMK presented its innovative solutions at an interactive booth visited by several dozen conference participants. TMK staffers manning

"Standardization plays an extremely important role in the emerging digital economy. We are talking IT standards and codes of practice that will form the basis of electronic libraries to be used in the design of buildings, facilities, equipment, and much more." **Dmitry Pumpyanskiy**

the booth unveiled one of the company's latest achievements: an integrated solution for oil and gas projects, which enables TMK to manufacture the entire pipe string. It not only ensures 100% completeness of the string, but also allows using special-purpose innovative solutions adapted to a specific field. The versatility of applications is ensured by the use of proprietary steel grades, patented threaded connections of the TMK UP series, and environmentally-friendly coatings that allow making up a string without the use of lubricants. The company also unveiled the design of a new TMK R&D center that is in its final stages of construction at Skolkovo.

The business program of the expo featured a conference entitled Role of Standardization in Creating Digital Production. It was moderated by Dmitry Pumpyanskiy, Chairman of the Board of Directors of TMK and Sinara Groups and Chairman of the Technical Regulation Committee at the Russian Union of Industrialists and Entrepreneurs (RSPP). As he put it, migration to industry 4.0, implementation of cutting-edge technologies, and creation of smart production facilities are inextricably linked with an even greater role of standardization. "We are talking about the development of standards for creating a single digital space and for import substitution of sophisticated information systems," Dmitry for harmonization of national and international



The TMK booth was visited by dozens of Russian and international delegations, representatives of companies and the business community, and public authorities.



standards dealing with information technologies, as well as a need to study international digital transformation experience and becoming involved in multinational projects.

FORWARD-LOOKING EFFORTS

One of the outcomes of TMK's successful efforts at the expo has been the signing of agreements on the digital transformation of business processes and implementation of digital solutions in production processes. Specifically, TMK entered into an agreement with SAP and the Urals Federal University, under which the parties plan to open the SAP Next-Gen Lab at the university. TMK is expected to become the largest source of assignments for the future lab. The company also signed agreements with the international consulting firm KPMG, and the Russian company ER-Telecom, and a memorandum with the German company PSI Metals GmbH, all of which deal with projects geared toward improvement of production performance at TMK plants.

According to Vyacheslav Popkov, TMK Senior Vice President and Chief Engineer, the company has concrete digital technology development plans for the immediate future. He said, "As part of the digital transformation program, TMK is currently preparing for active development and testing of effective digital solutions, including those based on industry 4.0 approaches. This will enable our plants to rise to a new level of development of business processes and production management."

INFORMAL WARM-UP SESSION

The international golf tournament, Innoprom Golf Challenge, was held as part of the Innoprom 2018 expo. It drew 18 teams representing international and Russian companies, government agencies, and foreign diplomatic missions. A total of 72 players from a dozen countries pitted their skills against one another on the golf course. The tournament

is very popular with expo participants, as it offers business people and politicians a chance to communicate in an informal setting.

Tournament participants played in teams of four, each including three amateurs plus one European Tour professional golfer. In order to have a professional golfer on each team, organizers invited 18 international golf stars to Yekaterinburg. The tournament lasted five hours and even the pouring rain couldn't dampen the festive atmosphere.

The Russian Ministry of Industry and Trade team took first place, with the South Korean team finishing second. Third place went to entrepreneurs from the Urals region – team Greenwich Residential Real Estate, a development company.

A TMK team comprised of representatives of TMK IPSCO, the company's American Division, also competed in the tournament. TMK IPSCO's David Diederich, Vice President for Research, Engineering and Product Development, and Jack Festing-Smith, Domestic Shipping & Logistics Manager, placed in the top ten finalists. YT

TMK has signed a number of agreements on digital transformation of its business processes.



MARYAM AL KINDI:

"MY MOTTO IS: PRODUCTIVITY, ENTHUSIASM, COOPERATION."

THE STORY OF CAREER GROWTH OF MARYAM AL KINDI, CHIEF **OPERATIONS OFFICER AT** TMK GULF INTERNATIONAL PIPE INDUSTRY (GIPI), PROVES A WELL-KNOWN **FACT: A DREAM** MULTIPLIED BY HARD WORK HELPS YOU ACHIEVE YOUR GOALS.

The story of the career growth of Maryam Al Kindi, Chief Operations Officer at TMK Gulf International Pipe Industry (GIPI), proves a well-known fact: a dream multiplied by hard work helps you achieve your goals.

Maryam's dream to become a professional engineer is fairly uncommon in Oman. Such occupations are believed to be "not for women" in Middle Eastern nations.

"In my home town, I did not know a single woman employed in the industry. Women's choices are usually limited to occupations in health care or education. My fondness for engineering challenged the public opinion that a woman could not work where men usually work," Maryam Al Kindi says.

She managed to bring her dream to life mainly through the support of her parents, who accepted their daughter's passion and did not attempt to redirect her interests into a more conventional career path. Luck was also on her side. In Oman, prospective students submit applications to the Ministry of Education, which assigns them to various Omani or foreign colleges depending on each student's grades and available spots.

Maryam Al Kindi was fortunate to be placed at the Technology College in the town of Shinas, from which she graduated with a degree in electrical engineering.

GROWING TOGETHER WITH THE PLANT In 2009, the GIPI plant in Sohar published

an announcement for interns. Maryam applied, sat for an interview, and was hired for her first job.

"My internship lasted for half a year. It was an unusual and challenging time for me. It was no simple task to be the only woman at the entire project site and work side-by-side with men building foundations for equipment of the newly opened plant. It was sweltering hot, and the foreman did not give me any free passes but instead treated me equally with all the other workers. This was the right thing to do. I acquired invaluable experience, new knowledge, and the confidence that I made the right choice of occupation," says Maryam.

After completing her internship, Maryam Al Kindi got a permanent job offer from TMK GIPI and joined the team tasked with the startup and commissioning of new equipment units in conjunction with South Korean engineers.

Her career growth coincided with the key milestones of the plant's growth. Construction began in 2007 and the first products were manufactured in 2010. GIPI became the first plant in Oman to manufacture high-pressure steel line pipe and casing. The plant currently boasts an annual capacity of over 200,000 tonnes. Its biggest clients are major oil and gas companies operating in the Persian Gulf nations.

In 2012, TMK acquired a controlling stake in GIPI, thereby reinforcing its positions in the Middle East (a trading

office of TMK Middle East already existed in the UAE). The plant also stood to gain from joining TMK, which invested over \$110 million in its development.

DRAWING FROM EXPERIENCE

Last year, Maryam Al Kindi was appointed Chief Operations Officer. She oversees strategic planning and implementation of modern business strategies. Her responsibilities also include compliance with national regulatory requirements for plant operations, setting operational goals for all divisions, cutting costs and minimizing losses, and reallocating resources whenever necessary.

Maryam admits that the new job calls for altogether different knowledge and skills. Now she often has to discuss current performance indicators or technical issues with representatives of other operational departments, defending her viewpoint while achieving results through teamwork.

Every manager has his or her own style. Maryam Al Kindi is no exception. She strives to integrate effective management practices while adhering to a consultative style and developing her persuasion skills. She refers to her management style as "productivity, enthusiasm, cooperation."

"Effective management is the ability to make the right decisions without wasting time and to give business units all the support they need to achieve their goal," Ms. Al Kindi believes. She notes that a crucial component of TMK's success is the ability to maintain contacts with the group's plants in other countries. She recalls her visit to Russia, when she and other guests were in Polevskoy, the hometown of Seversky Pipe Plant.

"Visits to other TMK plants allow us to build new connections. Workshops and meetings help us strengthen friendly and trust-based relations with colleagues at other divisions. Meanwhile, the exchange



HORIZONS TAKES ON A DIGITAL DIMENSION

THE HORIZONS INTERNATIONAL CORPORATE FORUM, WHICH TOOK PLACE OCTOBER 1-7, 2018, CHARTED THE COURSE TOWARD DIGITAL TRANSFORMATION.

last year, hosted information on all forum contests, competitions and discussions. Daily active users averaged 1,000, with more than two hours of online time per day per user. News and information support for the forum has undergone a sea change in quality. An important novelty in the Horizons app was the "I've Got an Idea" section, which drew over 50 suggestions concerning forum organization.

030

In the "Who's the Smartest" section, users were able to test their knowledge by answering trivia questions about the company and the forum. Each evening, winners were awarded prizes by TMK executives. Another novelty was an interactive teambuilding project to produce the best video themed around teamwork, digital transformation, Burgas and the Black Sea. The winning team received hardhats signed by TMK and SG Board of Directors' Chairman Dmitry Pumpyanskiy and the opportunity to spend an unforgettable day in Sochi Park.

TMK IPSCO IN SOCHI

The American Division was represented by a strong team of six corporate and plant employees who



s always, the unseasonal October warmth and beckoning Black Sea welcomed Horizons participants at the Burgas resort in Sochi. Taking part in the latest forum, which was organized by TMK2U corporate university, were some 770 TMK and Sinarsky Group (SG) employees. Altogether

there were 40 delegations representing Russia, the United States, Romania, Oman and Kazakhstan. During the applied science conference, participants delivered 270 presentations, 55 people took part in competitions, and 65 master classes were held. "The sheer scale of this is something we have never seen before," Andrei Kaplunov, TMK Senior Vice President, said at the Horizons opening. The key theme of Horizons-2018 was Digital Transformation.

MOBILE HORIZONS

Like the company itself, the Horizons Forum is successfully undergoing its own digital transformation. The Horizons mobile app, which was beta tested





Forum participants actively utilized the Horizons mobile app.

TAKING PART IN THE LATEST FORUM, WHICH WAS ORGANIZED BY TMK2U CORPORATE UNIVERSITY, WERE SOME

770

TMK AND SINARSKY GROUP EMPLOYEES

presented their projects in five conference sections. Jason Ostrander and Bryan Lucarelli from Koppel, Pennsylvania presented in the "Lean Manufacturing" section on the Seamless Intensification Project and Productivity Improvements in the Koppel Steel Yard respectively. Alberto Matta's presentation in the "Marketing & Sales" section was on the Commercialization of TMK SF TORQ®. Erick Coronado discussed the design and qualification of QX TORQ with Exxon in the "New Product" section.

As always, TMK IPSCO took more than its fair share of prizes. David Caraveo's project on Hourly Non-Union Focal-Point Performance and Wage Adjustment in the "Corporate Management" section took third place. Yosef Rantz from Wilder, Kentucky also took third place with his presentation on Yield Improvements through Reductions of Losses Associated with End Welding.

Conference participants from the American, European and Middle East divisions also met with TMK's Chairman of the Board of Directors Dmitry Pumpyanskiy, who asked them about their projects, roles in the company, and answered their questions.

DIGITAL IDEAS

One of the top forum events was the debut of the Digital Transformation Projects competition. The jury members conferred high status on this new intellectual contest. Dmitry Pumpyanskiy, TMK President and CEO Alexander Shiryaev and SG President Mikhail Khodorovsky listened to all nine presentations given by TMK and Sinarsky Group employees and Urals Federal University students.

Opening the competition, Dmitry Pumpyanskiy said that the day's proceedings would not just decide the winners, but also launch the three top investment projects in the field of digital transformation. Among the TMK presentations, Arseni Pavlov (TMK Premium Services) was proclaimed the winner for his 3D model of a threaded premium connection, and in the Sinarsky Group, Sergey Baranov (Kaluga Track Machine Plant) was declared winner for his creation of a mobile app for the warranty service department. Among the cross-application projects applicable to both TMK and SG, the winners were Ilya Lupachev (Sinarsky Pipe Plant) for his idea of a specialized foreman interface in the production tracking program

COMMUNITY 032

and Igor Kabanov (Sinarsky Transportation Equipment Innovative Development Center) for his project to apply augmented reality technology. An additional prize was won by Urals Federal University students Galymzhan Mukanov and Nikolay Ryshkov, who proposed the use of a 3D printer to fabricate spare parts during the production process and the use of additive technologies for restoring worn machinery surfaces. The winners will receive a grant of up to 1 million rubles to implement their projects as early as next year.

"We are embarking on a stage of even greater support for the best initiatives," Dmitry Pumpyanskiy said at the awards ceremony. "We will be watching your progress," he said to the winners, "and will sum up the results at the next Horizons."

CONTINUOUS LEARNING

The educational part of the forum was intense. Lectures were delivered to forum attendees by top TMK and SG managers. Dmitry Pumpyanskiy delivered his traditional lecture in a new format. Its subject was Business Transformation – Defining the Future Today. Mr. Pumpyanskiy discussed in detail the digitalization-based business changes that are already taking place in TMK and SG plants and outlined the priority areas of future development. The corporate university prepared the SOTA School – an extensive program of skills enhancement and personal development workshops. Training was given in two tracks: personal efficiency in people management and information management. The instruction was provided by international-level business trainers with a background of working in global corporations.

TOWARD NEW HORIZONS

"Horizons is an outstanding opportunity to toot your own horn, a chance to step into the elevator that will shoot you up to a new level of career and personal growth," Andrei Kaplunov told the junior specialists at a forum meeting. "Whoever wants to become a leader and achieve something better needs to be seen and to be supported. Therein lies the goal and the result we seek to achieve."

It was sad to say goodbye after this weeklong marathon of exuberance and hard work, of hard-fought contests and thrilling victories, and of friendship, human communication, and meeting new people. The participants took the warmest memories away with them and look forward to meeting again at the next Horizons in 2019. ***

During the applied research conference participants delivered 270 presentations



TMK IPSCO and TMK GIPI employees attending one of the public lectures.





Jason Ostrander presents on the Ambridge seamless intensification project.

LEAN
MANUFACTURING
COMPETITION
WINNERS



Leader's Cup Seversky Pipe Plant and Orsk Engineering Plant



The Most Cost-Effective Result Volzhsky Pipe Plant and TMK NGS Nizhnevartovsk



Personnel Involvement in Innovation Seversky Pipe Plant and Truboplast



Lean Tool Development Seversky Pipe Plant

CONFERENCE WINNERS



Production Automation

Vladimir Baykalov Seversky Pipe Plant



Lean Manufacturing

Sergei Struchkov Volzhsky Pipe Plant



Marketing and Sales

Information

Technologies

Arseni Pavlov

TMK Premium Services

Valeri Ivanov Volzhsky Pipe Plant



Corporate Management

Anatoli Chertishchev Seversky Pipe Plant

Mechanical Engineering



New Products and New Product Features

Sergei Mishin Volzhsky Pipe Plant Radmir Mukhamedzhanov RosNITI



Pipe Processing

Vasili Sobolev Volzhsky Pipe Plant



Procurement and Logistics

Andrei Polushkin Seversky Pipe Plant



Pipe Rolling

Sergei Ashkanov Sinarsky Pipe Plant



Quality Management

Anton Aksenov

Dmitri Sokolov

Tagmet

RosNITI

Svyatoslav Veremchuk Volzhsky Pipe Plant



Financial Management

Anna Reznik Seversky Pipe Plant



Steelmaking

Artem Agarkov Volzhsky Pipe Plant



Pipe Welding

Pavel Titarenko Volzhsky Pipe Plant



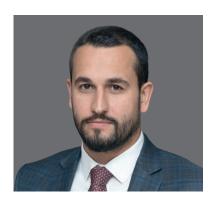
Industrial Environmental Management

Evgeni Kiselev Seversky Pipe Plant



Utilities Engineering

Ksenia Mankova Seversky Pipe Plant



DMITRY TYRKBA

PRESIDENT AND CEO, TMK MIDDLE EAST FZCO

- With a look at my daily planner and a delicious and nutritious breakfast.
- 2. None, since I'm not a superstitious man.
- 3. Steve Jobs, Stephen Hawking, and, last but not least, my father.
- Family breakfast on weekends and soccer with the kids in the evening. I also enjoy entertaining guests. This runs in the family.
- 5. My friends and family. It is not often that we manage to get together, and there is always lots to talk about.
- 6. Memoirs of idealistic neurosurgeon Paul Kalanithi, entitled "When Breath Becomes Air."
- 7. Italian and Japanese cuisines, but Russian cuisine more than others. Dumplings my favorite dish since childhood.
- 8. Watching the World Cup in Russia from the grandstands.
- 9. The Great Wall of China, the town of Petra in Jordan, the Taj Mahal in India. But I am certain that my visit to the most interesting place is in the future.
- 10. I have many favorite towns in different parts of the world, to which I want to return again and again. My most favorite city is Moscow. I was born and raised there.
- 11. To rid mankind of hatred.
- 12. A successful team of professionals.

- How does your work day begin?
- 2. Professional superstitions or superstitious beliefs?
- **3.** Who in the past or present particularly inspires you?
- **4.** Favorite habits or rituals?
- 5. Whom would you invite to a dinner party? What would you like to talk about?
- **6.** The last book that thrilled you?
- **7.** Favorite ethnic cuisine or dish?
- **8.** Most memorable impression recently?
- 9. What is the most interesting place in the world that you've visited?
- 10. Your favorite city, and why?
- 11. If you were given the chance to change just one thing in this world, what would it be?
- 12. What does TMK mean to you? Describe it in just three words

034

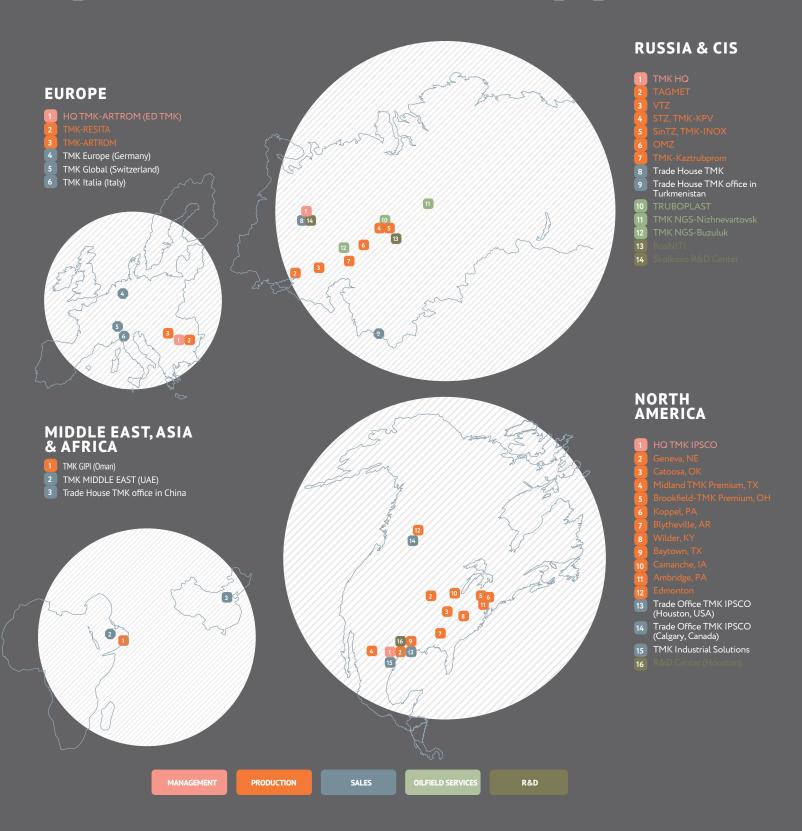


SULAIMAN AL FARSI

CEO, TMK GIPI

- I get out of bed at the crack of dawn, pray, water flowers in the garden of my home, have breakfast, listen to world news, and begin work.
- 2. Everybody should trust his or her skills and abilities so as to set an example for others in terms of professional accomplishments.
- 3. Nelson Rolihlahla Mandela, Michael Saul Dell, William Henry Gates.
- I go fishing twice a month. I enjoy swimming and traveling. I used to play in the local soccer league of Oman for the Majees Sport Club team.
- 5. My parents.
- 6. "The Road" by American writer Cormac McCarthy. The novel is a story of a trip taken by a father and his son through the ruins of the USA, destroyed by an unnamed disaster.
- 7. Omani shuwa dish made of mutton and fish curry.
- 8. The Austrian Alps. I immediately felt that I was meant to be there.
- 9. Yanardag Mountain in the vicinity of Baku, Red Square in Moscow, Big Ben and Buckingham Palace in London.
- 10. London. I feel comfortable in that city.
- 11. I would try to create jobs for all the jobless people.
- 12. The past, the present, the future.

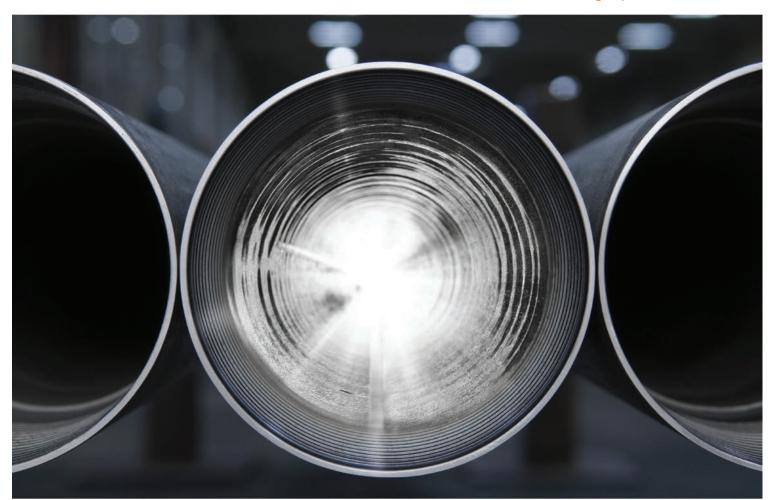
TMK global pipe producer and supplier





TMK IPSCO 10120 HOUSTON OAKS DRIVE HOUSTON, TEXAS 77064

> www.ipsco.com Making Pipe for the World



Global Strength

As one of the world's largest producers of welded and seamless pipe and premium connections, TMK is dedicated to serving the oil and gas industry. Our legacy of quality, industry-renowned customer service and focus on innovative products and services allows us to drive unparalleled value for our customers. Dedicated to the advancement of tubular technologies, our team of experts is available to work with you to create customized solutions for the most challenging environments.