



120th Anniversary of Kazakhstan's oil



ТШО ЖАҢАЛЫҚТАРЫ

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RoK President Visits Atyrau Oblast

President Kassym-Jomart Tokayev held an extended meeting on the development of oil and gas industry during his visit to the region on the occasion of the 120th Anniversary of Kazakhstan's oil. The meeting was attended by Akim of Atyrau Oblast Nurlan Nogaev, Minister of Energy Kanat Bozumbayev, Minister of Ecology, Geology and Natural Resources Magzum Mirzagaliyev, Chairman of Board of JSC "Samruk-Kazyna" Akhmetzhan Yessimov, President of Russian oil and gas company LUKOIL Vagit Alekperov including directors of companies such as Tengizchevroil, NCOG and Karachaganak Petroleum Operating, members of Senate, oil & gas industry professionals and geologists.

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TCO Partnership Council meeting

On September 19, Tengizchevroil (TCO) held its second Partnership Council meeting in Almaty. This is an important event where TCO Partners review the company's performance and approve its Business Plan.

The Partnership Council Chairman, Mr. Marabayev kicked-off the meeting by greeting and congratulating the attendees with 120th Anniversary Oil & Gas industry in Kazakhstan. In his speech, he mentioned about the importance of personal and process safety and supported "Save a Life" program. In addition, Mr. Marabayev supported TCO initiatives and projects on keeping and extending production plateau. He complemented TCO's production performance and the work that was done in regard to nationalization.

TCO General Director Eimear Bonner

reported on TCO's performance according to 6 Business Priorities. She mentioned excellent performance in process safety and noticed that we need to learn from the fatality that occurred in April. Company's outlook for the rest of the year and provided a short summary of the 2020-2023 Business Plan.

Additionally, Mrs. Bonner reported on TCO's performance according to 6 business priorities. She started with excellent performance in process safety and mentioned that the company needs to learn from the previous incidents in order prevent future incidents. Later, she continued with the next business priority by mentioning about production remaining strong indications and TCO is on track to beat historical record. She also summarized on the successful completion of KTL Turnaround on September, 9th, which was 2 days ahead of the plan. On the 3rd business priority she talked about FGP and that this year is arguably the most important year in FGP's execution schedule and

how Project team is effectively delivering according to the plan.

On the next priority Mrs. Bonner noted about importance of TCO business to RoK economy and provided overall plans on increasing the spend on local content. Along with that she also mentioned about enhancing TCO's nationalization plan and our investment into the workforce development. On technology, she mentioned about company's digital transformation and our investments in technology. On the 5th priority, she talked about TCO's efforts to deliver the five lever targets; on production efficiency, optimizing transportation costs, project execution, sustaining a cost discipline culture and reducing inventory. On the final business priority, she mentioned about the future opportunities beyond FGP and shared year to date results on some of the key milestones on projects.

She then provided a short summary of TCO 2020-2023 Business Plan outlining the key principles during its development.

She completed her presentation with TCO's Year End Focus Areas such as: elimination of high-consequence personal and process safety incidents that can affect people, the environment and communities; Production; Critical 2019 FGP milestones; TCO's strategic initiatives and budgets and approvals.

Also, the meeting were attended by General Manager of Operational Excellence, Health and Environmental Safety Dan Weidlein, General Manager of Finance Raigul Zhetpisova, Deputy General Manager of strategic planning and analysis Kalybek Mukanov, who shared the main tasks of their departments.

All participants of the Partnership Council meeting supported the company's operating and capital budget for 2020 and the contract plan.

The next meeting of the Partnership Council will be held on 16 April 2020.

Oirat Azbergenov,
Strategic Planning &
Analysis, Consultant



RoK President Visits Atyrau Oblast

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Mr. Tokayev highlighted in his speech that fuel and energy complex plays an important role in the economy of Kazakhstan. The President of the Republic of Kazakhstan has set a number of specific tasks in front of the Government and local executive bodies by noting importance of further development of oil and gas industry

The head of country reminded of the importance of effective usage of natural resources and the protection of the environmental. According to Mr. Tokayev, it is required to apply modern technologies, upgrade obsolete equipment, minimize emissions, prevent oil and gas leaks. The President indicated as high priority to increase information transparency in oil and gas enterprises and their environmental responsibility.

The Minister of Energy Kanat Bozumbayev made presentation during the extended meeting.

- Over 300 oil fields have been successfully developed in Kazakhstan since the beginning of development of the first field for more than a century period. In the early days of the independence, due to strategically correct decision of Elbasy, foreign investments and technologies of international companies such as Chevron, Agip, Shell, Total, CNPC were attracted to the industry. The petroleum industry

with every new project was able to increase its volume and capacities during a period of independence of the Republic of Kazakhstan.

A serious progress was seen in oil reserves determination from 5.3 billion barrels in the 90's to 30 billion barrels to date. Now Kazakhstan is ranked with the leading oil exporting countries – 12th in recoverable oil reserves (4.6 billion tons) and 22nd in gas reserves (3.9 trillion cubic meters). The volume of oil production was increased by over 3.5 times from 25 million tons in 1991 to 90 million tons to date, - informed the Minister. During independence years, over 1.5 billion tons of oil and 741 billion cubic meters of gas were produced, - he added. The total amount of revenues to National Fund amounted 31.6 trillion Kazakhstani tenge.

The volume of oil production reached 59.8 million tons for last 8 months period as of the 120th Anniversary of the discovery of oil in Kazakhstan. The Minister has also highlighted the fact that a significant number of major and long-term challenging engineering projects are being executed in oil and gas industry.

So, the main mid-term increase in investments in amount of \$44.5 billion is accounted in oil production on execution of three major projects: Future Growth Project in Tengiz (\$36.8 billion), Kashagan Phase 1 Expansion Projects (\$2 billion), Karachaganak Expansion Project (\$ 4.5 billion).

Chairman of Board of "Samruk-Kazyna" JSC Akhmetzhan Yesimov, Minister of Ecology, Geology and Natural Resources Magzum Mirzagaliyev, President of Russian Oil

& Gas company LUKOIL Vagit Alekperov, TCO General Director Eimear Bonner and Directors of NCOC and Karachaganak Petroleum Operating.

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Eimear Bonner - Tengizchevroil LLP General Director's speech

Your Excellency, Mr. President, Good afternoon.

Salamatzis-dar-ma distinguished guests.

On behalf of Tengizchevroil, it is my great honor to be here with you today to celebrate an incredible milestone in the history of Kazakhstan: the 120th Anniversary of the discovery of oil.

This has been a remarkable story of growth, progress and achievement; not just for the industry, but for the people of Kazakhstan.

TCO is honored to have played a part in this great story.

TCO's performance history

For more than a quarter of a century, TCO has been creating value for Kazakhstan by operating responsibly, and relentlessly focusing on safe and reliable operations.

It's hard to imagine that in 1993, the company's oil production was just 1 million tonnes. At the end of last year, that production had increased to 28,6 million tonnes, accounting for approximately 35 percent of total crude oil production in the country. This is truly an impressive achievement!

And over the past 5 years, this high performance has continued. Plant reliability has reached historic highs of 98% and TCO has achieved close to

40 consecutive new daily production records.

Investments in maintenance Turnarounds, that are focused on the integrity and reliability of our plant equipment, underpin these achievements.

In fact, right now, 9,400 specialists are focused on safely, completing the annual turnaround – the largest, mega-complex turnaround in our company's history.

Technology has and continues to play a significant role in the development of the Tengiz and Korolev fields.

The application of seismic processing, sour gas injection and advanced process control, are some of the technologies that are helping to drive continuous performance improvements over time.

And, with advancements in digitalization we are currently harnessing the power of our data to improve safety, production and the efficiency of decision-making across our entire value chain – from the rock in the sub-surface to the end customer!

Current and future growth plans

Looking to the future, we are also building the next major expansion at Tengiz.

Today, TCO's Future Growth-Wellhead Pressure Management Project is the largest capital project in the global oil industry, with over 48,000 Kazakhstani working day in and day out.

It's a global project, with modules being fabricated in Kazakhstan, South Korea and Italy and it is expected to increase production from 28 million tonnes to 39 million tonnes over the coming years.

Today, the project is 65 percent

complete and continues to achieve important milestones as we ramp up construction activities through to first oil.

But this isn't the only project in our portfolio of future opportunities.

We also have an exciting Increased Oil Recovery waterflood pilot project underway and we are currently drilling our first horizontal well. Both of these opportunities have tremendous potential to unlock incremental oil production in Tengiz and Korolev in the future.

In addition to delivering on these business activities, it goes without saying that creating value for the country and the communities where we operate, are of paramount importance.

Contributions to Kazakhstan

Since 1993, we have made direct financial payments of \$141 billion to Kazakhstan. We have invested over \$1.8 billion on employee and social programs, including \$250 million on social infrastructure.

Over the same period, the company has spent \$30 billion on local goods and services and we are on track to spend \$4 billion on local content in 2019 alone.

We provide a range of support to help Kazakhstani companies develop sustainable business models and we encourage joint ventures with local companies where we can.

We truly appreciate the Government of Kazakhstan and the Ministry of Energy's continued focus on attracting international companies to set up manufacturing centers in Kazakhstan.

Conclusion

The past 120 years of the industry has been an incredible story and TCO is proud to have been a part of it.

Our success would not be possible without the unwavering support from the government of Kazakhstan, from the communities where we work, and from our talented and dedicated workforce.

And we believe that TCO's partnership with Kazakhstan is a shining example of the tremendous results that can be achieved together.

We look forward to continuing our fruitful partnership, as we play a role in advancing the economic progress of the country, in supporting the development of this noble industry and in creating opportunities for future generations of Kazakhstanis.

In closing, I would like to express my sincere congratulations to you, Mr. President, to all our distinguished guests and to my oil industry colleagues, on this 120th Anniversary of the discovery of oil in Kazakhstan.

Congratulations on the Anniversary! Thank you!

TCO News.

Photos in pages 1-2 by
Yerlan Altybayev,
Atyrau Akparat

Kassym-Jomart Tokayev honors the efforts of the oilmen of Kazakhstan

During his recent visit to Atyrau, the President of Kazakhstan Kassym-Jomart Tokayev participated in a solemn meeting dedicated to the 120th Anniversary of Kazakhstan's oil and gas industry. The event was held in the sport complex "Zhayyk" located in Atyrau State

University named after Kh. Dosmukhamedov. He welcomed the participants of the meeting and celebrated the service achievements of workers in oil & gas industry by congratulating them on the professional holiday. He highlighted that Kazakhstan's oil industry has a long and famous history. Particularly, he mentioned that a number of local specialists who have professional skills in the use of modern technologies and best practices in petroleum sector are growing. He also reminded that today National Company "KazMunaiGas" has been successfully executing major oil & gas projects in cooperation with inter-



Pictured: President Tokayev awards Kenzhetai Tlegenov, TCO Field Operations Superintendent

national corporations such as Chevron, ExxonMobil, Shell, LUKOIL, Eni, Total, CNPC and others.

Mr. Tokayev highlighted the importance of maintain continuity of generations of Kazakhstan oilmen by noting significant contribution of Safi Utebayev to formation of the oil and gas industry, whose name was recently assigned to

University named after Kh. Dosmukhamedov. He welcomed the participants of the meeting and celebrated the service achievements of workers in oil & gas industry by congratulating them on the professional holiday. He highlighted that Kazakhstan's oil industry has a long and famous history. Particularly, he mentioned that a number of local specialists who have professional skills in the use of modern technologies and best practices in petroleum sector are growing. He also reminded that today National Company "KazMunaiGas" has been successfully executing major oil & gas projects in cooperation with inter-

national corporations such as Chevron, ExxonMobil, Shell, LUKOIL, Eni, Total, CNPC and others.

Mr. Tokayev highlighted the importance of maintain continuity of generations of Kazakhstan oilmen by noting significant contribution of Safi Utebayev to formation of the oil and gas industry, whose name was recently assigned to Atyrau Oil & Gas University. "Here we have valuable professionals and specialists sitting with us in this room. I am confident that your experience and knowledge will allow us to execute a major modernization in the industry, and therefore making even greater contribution to prosperity of our country and improving lives of the citizens. According to the 2025 Industry Development Strategic Plan, oil production should exceed 100 million tons, as well as 77 billion cubic meters of gas per annum. It is obvious that further development will not be possible without renewable mineral resource and increased reserves. Therefore, a program for large-scale geological exploration 2021-2025 is under development. According to experts assessment, a potential resource of Central and Northern Kazakhstan is about 18 billion tons of fuel equivalent to a total resource potential of Kazakhstan in 75 billion tons," said Mr. Tokayev.

"It is expected by 2025 to ensure sustainable annual GDP growth at level of 5% and above, it was mentioned during my address to the people of Kazakhstan. The country's oil and gas sector will play an important role in achieving these goals," concluded the head of the country.

At the end of the ceremony, Kassym-Jomart Tokayev presented 41 awards to distinguished workers of oil and gas industry who came to Atyrau from different regions of Kazakhstan. Vice-President of Chevron Corporation Jay Johnson was among them and he was awarded II degree "Dostyk" order, and Operations Superintendent of Kenzhetay Tlegenov was awarded of Certificate of Merit by the President of Kazakhstan.

S. Kairgalyeva



Discussion of the New Environmental Code Draft

During the President's visit to Atyrau Oblast in celebration of the 120th Anniversary of Kazakhstan oil, Tengizchevroil LLP hosted a meeting of the three largest operators, TCO, KPO and NCOC, with the chairman of KAZENERGY Association Timur Kulibayev and representatives of the Ministries of Energy and Environment to discuss the draft of new Environmental Code.

The meeting was attended by Minister of Energy Kanat Bozumbaev, General Director of KAZENERGY Association Bolat Akchulakov, Minister of Ecology, Geology and Natural Resources Magzum Myrza-

galiev, as well as General Directors of all three operators: Eimear Bonner (TCO), Richard Howe (NCOC) and Edwin Blom (KPO).

The meeting was opened ceremoniously. RK Minister of Energy Kanat Bozumbaev awarded Timur Kulibayev and Kadyr Baykenov, the first Minister of Energy of independent Kazakhstan, with commemorative medal issued for the 120th Anniversary of Kazakhstan oil.

After the official part, the meeting participants had started a hot discussion of the draft of new Environmental Code, which is due to be submitted to Parliament

in December this year. Its introduction is planned for 2021. Representatives of oil and gas companies were interested in three main issues: groundwater, sulfur storage and its qualification, and taxation. All these issues were openly discussed, the parties cited various arguments to defend their opinions. After the discussion, it was decided to continue discussing these issues and amending the code draft, according to companies' proposals.

It should be noted that earlier in the capital of the republic, Nur-Sultan city, a special working group was created for optimization of the new Environmental Code without infringing on companies' rights and by maintaining the ecological state in the country.

Aizhan Iskuzhiyeva
Specialist, P&GA.

Photo by A. Khamiyev.

OUR CONGRATULATIONS

Medal for distinguished labor (Ерен еңбегі үшін)

All the high and significant achievements of TCO are inextricably linked and based on the competence and knowledge of employees. It is they who work in the difficult conditions of Tengiz field and to them falls the main burden of responsibility.

As part of the celebrations dedicated to the 120th Anniversary of the first Kazakhstani oil, the well-deserved state award – “Ерен

еңбегі үшін” Medal (for distinguished labor) was given to our colleague Sabit Azhibek, TCO Field Operations Manager. The award at the solemn meeting in the Ministry of Energy was presented by the Minister of Energy Kanat Bozumbayev.

Sabit has been working at TCO for over 26 years, with total experience of 33 years. At all his job titles, Sabit has proved himself



as a professional, responsible and hardworking specialist.

During his career, Sabit occupied various positions with high degree of responsibility: 4th category Engineer-Inspector of boiler equipment in the power building, Operations Shift Manager of external production facilities for purification of gases from sulfur compounds and carbon monoxide, Head of Product (sulfur) Storage and Shipment Department, Head of Plant Operations Team, Oil and Gas Field Operations Manager, FGP Operations Team Manager, Oil and Gas Field Operations Manager.

He currently plays a critically important role as a manager, as part of Production Operations Team. In his daily interaction, he always demonstrates a high level of professionalism that meets all applicable laws and standards of the Republic of Kazakhstan and supports the highest ethical standards of TCO way.

We congratulate Sabit with his well-deserved state award and wish him good health, new achievements in the safe work performances at the field, fruitful activities for the benefit of the company and TCO partners.

Yerlan Yeshmukhanbetov,
Adviser of Policy, Government
and Public Affairs

ANNOUNCEMENT



Dear colleagues,

Effective 4 October 2019, Kalibek Mukhanov has been appointed to the role of TCO General Manager, Strategic Planning and Analysis.

Kalibek holds a Finance and Accounting BCs from Atyrau State University and an MBA in General Management from Manchester Business School, UK. Since joining TCO in 2000 Kalibek has held various positions of increasing responsibility, including Finance Marketing and Transportation Support Supervisor, Deputy Manager of Internal Control Group and Internal Audit Manager in the Finance Department, Logistics and Rail Transportation Manager in the Marketing and Transportation department, and most recently Deputy General Manager in the Strategic Planning and Analysis Department.

Kalibek was selected for this role based on the overall combination of his leadership skills and experience, technical knowledge, and demonstrated experience in managing strategic planning, business performance and diverse stakeholders.

Congratulations to Kalibek on his appointment.

KTL-1 TA successful completion

In August, TCO shut down one of its process trains to perform a planned turnaround. A turnaround is performed to ensure high reliability and integrity of technological processes.

The turnaround of the KTL-1 plant was started on the 1st of August and was completed on the 9th of September 2019. It was successfully completed in 40 days compared to the planned 42 days, which is a great accomplishment period for turnaround activities of that scale. Completion of all planned works allowed KTL-1 to switch to a reliable 5-year running cycle.

Both day and night shifts were involved in the turnaround with a peak number of over 9 400 personnel supporting turnaround activities. The number of hours worked during preparatory works was 7 000 000 hours together with business partners. Despite the large amount of

people involved, the turnaround was executed successfully without any injuries and days away from work.

The shutdown, cleaning and start-up of the equipment was completed within the planned schedule. These works included completion of all planned mechanical repairs and all identified works within the window.

The main scope of work during the turnaround included the following:

- over 29 000 welding joints completed;
- about 300 units and 6 compressors repaired;
- over 14 000 flanges opened/cleaned for inspection;
- over 1 000 valves repaired or replaced;
- over 3 400 plugs installed.

According to Production Operations General Manager Sean Hanrahan, thanks to the commitment by all personnel to assigned tasks, maintaining good communication, commit-

ment to timely decision-making, as well as support by TCO Business Partners, TCO was able to complete the turnaround safely and ahead of schedule.

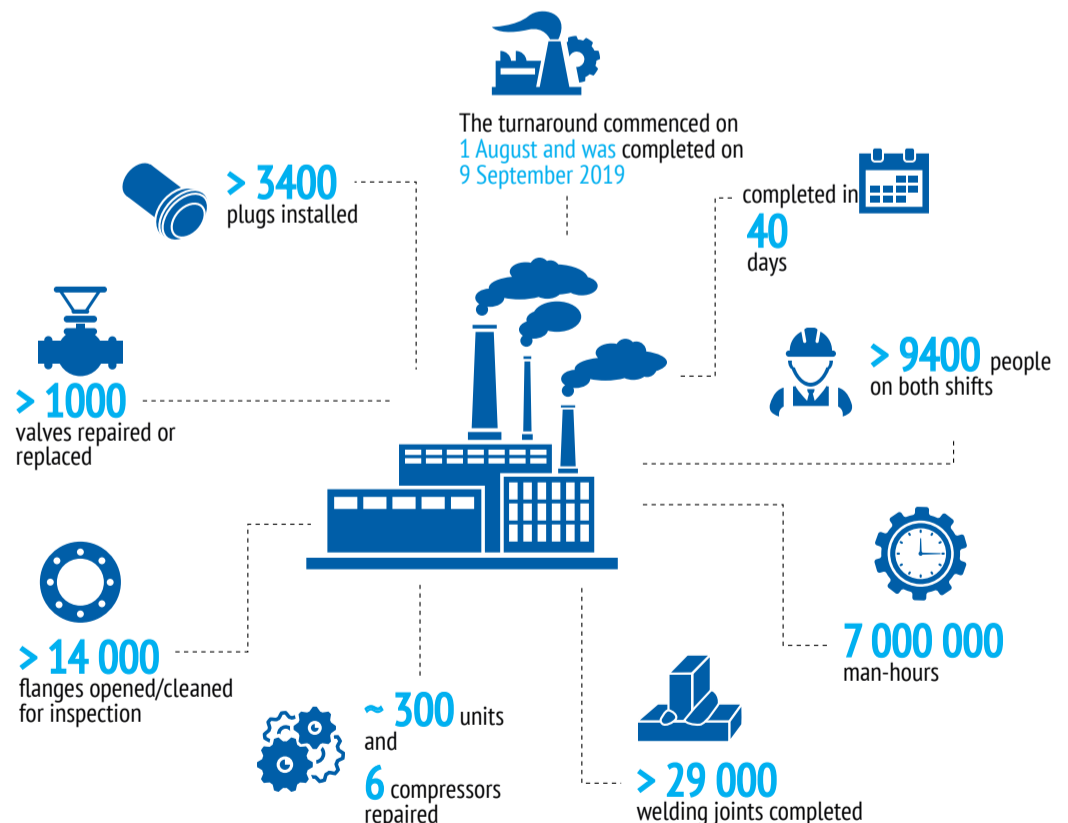
"During my frequent trips to the sites, I observed your relentless strength and ability to work as One TCO team. Many different groups were involved

in the execution of a large-scale turnaround, and it was obvious that we had “a team of teams” with a common goal, trust and cooperation between all teams," said Sean.

The successful completion of the largest turnaround in the history of TCO with no injuries and ahead of schedule is a bright example of the commit-

ment to “One TCO” during these works. Congratulations to our colleagues from Production Operations and all those who provided support with such a remarkable achievement during the turnaround.

Arslan Agishanov,
Communications Specialist





Monument "Munai Ata"

In anticipation of the celebration of the 120th Anniversary of Kazakhstani oil, in a solemn ceremony in front of Atyrau Oil and Gas University, a monument was unveiled to the great oilman Safi Utebayev, known publicly as "Munai ata" (translation from Kazakh: Munai - oil, ata - grandfather). It should be noted that since 2019, in honor of the Oilman's 110th Anniversary, the university proudly bears the name of the honored oilman of the USSR and Kazakhstan.

The event was attended by Deputy Oblast Akim Aibek Krambaev, Deputy Chairman of KAZENERGY Association Uzakbai Karabalin, community leader of the oblast, as well as descendants of Safi Utebayev.

His daughter Svetlana and son Maksot Utebayevs thanked all those, who gathered, for that respect and honor that has been shown for their father after his death.

Moreover, in honor of the oilman, within the framework of KAZENERGY educational

program, students of higher educational institutions studying in oil and gas and energy specialties were awarded with "Safi Utebayev's Scholarship" (Chevron Scholarship program named after Safi Utebayev). In this academic year, the owner of this scholarship was the 2nd year master's degree student in "Chemical Technology of Organic Substances" of Atyrau Oil and Gas University, Arystanova Madina. General Director of Atyrau regional company Chevron Kulzhanov Ilyas handed the certificate to the master's degree student during the ceremony.

The monument, with total height of 7 meters, was made with the support of Atyrau Oblast Akimat and Embamunaigas JSC. The author is Honored Worker of the Republic of Kazakhstan, artist, sculptor Esken Sergebaev.

At the end of the event, the guests laid floral tributes and visited the Safi Utebayev's Museum.

"Kazakhstan oil in past and present" conference

After official opening of the monument to Safi Utebayev,

Atyrau Oil and Gas University welcomed all the guests of the international scientific-practical conference dedicated to the 120th Anniversary of Kazakhstani oil, "Kazakhstani Oil in past and present".

The main goal of the conference is the promotion of innovative subsoil use technologies and modern educational technologies in the training of specialists, who will subsequently become famous oilmen and the pride of Atyrau Oblast.

The opening ceremony was attended by KAZENERGY Association Deputy Chairman Uzakbai Karabalin, President of the Kazakhstan Society of Petroleum Geologists Baltabek Kuan-dykov, representatives of TCO, Embamunaigas and NCOC, as well as veterans of oil and gas industry of the Republic of Kazakhstan, who were officially awarded with commemorative medals issued for the 120th Anniversary of Kazakhstani oil. The same medals were award-



ed to university teachers and professors.

Tengizchevroil was one of the sponsors of this event. As the manager of oil production technology, Hero of Labor Ruslan Kumatov, graduate of this Oil and Gas University, noted in his welcoming speech: "TCO pays special attention to personnel policy. We are proud that a new generation of oilmen is growing up, and I am very glad that due to such conferences, young people have a chance to adopt the experience of the older generation and bring fresh ideas. As I already noted,

Atyrau Oil and Gas University is alma mater of specialists in oil and gas industry. More than one generation of our company employees had studied here, and I hope that the university will further keep providing us with young and talented personnel"

The conference was attended by over a hundred people from Russia and Kazakhstan. Young specialists had also presented their work.

Aizhan Iskuzhiyeva
Employee of Policy,
Government and
Public Affairs Team

FORUM

Localization of Original Equipment Manufacturers Products

Recently, a round table on the Localization of Original Equipment Manufacturers (OEMs) was hosted in Atyrau with support of PSA LLP and three major Operators of oil and gas industry "Tengizchevroil" LLP, "North Caspian Operating Company NV" and "Karachaganak Petroleum Operating BV".

The localization strategy of the OEM products is aimed to familiarize with the needs for required equipment in short and medium terms was presented during the forum. As a result of the forum, the participants submitted their proposals and ideas to launch production facilities in Kazakhstan.

During her speech at the round table, TCO General Director Eimear Bonner announced a number of initiatives implemented by the company for localization of certain types of goods and technology transfer. According to her, TCO together with major suppliers have reached agreements that would allow to produce valves of international standard and perform maintenance in Kazakhstan. In addition, two training centers will be functioning soon. The announced agreements were adopted as part of the plans for the development of local content in long-term contracts of TCO.

"TCO has long-term contracts with international OEMs who provide critical

equipment and systems to our company and the oil and gas sector in Kazakhstan. Kazakhstani Content Development plans were established as part of our long-term contracts with these OEMs and today I'm thrilled to announce some of the fantastic results of our efforts," Bonner said.

As part of an agreement with TCO, Schneider Electric will establish a world-class training center in Atyrau for the provision of technical certification trainings currently not offered in Kazakhstan. The training center is set to open in the fourth quarter of 2019.

In addition, Honeywell Kazakhstan, a world leader in the field of automated process control systems, has agreed to open a new automation center at the Kazakh British Technical University in Almaty. This new center, expected to open in October 2019, will enable Kazakhstanis to gain global skills and experience in the field of automated process control.

Finally, based on additional agreements with TCO, international companies Cameron and MRC will be localizing production of valves in Kazakhstan. Cameron has announced plans to open a center for assembly, repair and maintenance of actuators and orbital valves used by TCO in Tengiz field operations. In addition, MRC which is a valve distributor has committed to facilitating



the localization of two internationally recognized valve brands in Kazakhstan.

According to Bonner, TCO has signed approximately 100 Kazakhstani Content Development plans with our long-term suppliers and international OEMs, who commit to nationalization, subcontracting, and investment in Kazakhstan.

TCO adopted its Kazakhstani Content Development plans with its long-term suppliers in 2016 and has already achieved outstanding results. Under one such contract, British company AVON Protection successfully localized production of its hood-type respirators with Kazakh company QHSE Akbarys LLP.

The share of local content in the procurement of goods and services at TCO has grown substantially over its 26-year history. In 1993, total purchases of Kazakhstani goods and services amounted to \$27 million. In 2003, this figure exceeded \$500 million. Ten years later, in 2013, TCO spent more than

\$2.3 billion on local goods and services. By comparison, in the first half of 2019 alone, purchases of local goods and services amounted to \$2.1 billion. In total, since 1993, TCO has purchased over \$30 billion in Kazakhstani goods and services.

On interactive session of the round table the participants had opportunity to closely engage with OEM representatives: Schneider Electric, General Electric, Honeywell, Baker Hughes and others including the operating companies representatives.

The organizers of the event have expressed confidence that this forum would give additional motivation to the local companies to identify perspective areas for development of new production and localization of production of goods in accordance with international standards. This would increase the share of local content in all current and future oil and gas projects.

Marat Dauletyarov,
Kazakhstani contend advisor

FGP-WPMP NEWS

Italy – Completion of Fabrication

On June 30, 2019 the fifth Gas Turbine Generator (GTG) module intended for the Power Generation Infrastructure (PGI) Project set sail from the Italian port of Marina di Carrara. This is the final GTG delivered by the Italy Fabrication Team. The other four GTGs have all been successfully delivered ahead of schedule.

The GTG modules were fabricated in four parts due to the size constraints of the Russian waterways system (RIWS). The four parts consist of the main GTG split into lower and upper section, and an auxiliary Pre-Assembled Unit (PAU) to house the ancillaries, also split into lower and upper sections.

GE preformed the engineering and procurement of major equipment associated with the GTG modules, and in September 2014 GE were also awarded the contract for the Fabrication of four GTG modules with the option of an additional GTG module for PGI. In March 2015 the fifth PGI Project GTG was added to the fabrication

contract.

The first cut-steel for the FGP GTG module 4 took place on 21st December 2015 at the Cimolai yard at Roverado in northern Italy. This is where all the fabricated plates and beams were manufactured. These structural components were then assembled at the Cimolai assembly yard in San Giorgio di Nogaro, where a trial fit up of the assemblies was conducted. The completed module structures were shipped by barge from the yard quay to the Port of Marina di Carrara and transported using Self-Propelled Module Transporters (SPMTs) to the BHGE assembly yard in Avenza.

Meanwhile, work had already started in Avenza in September 2016 with the construction of the exhaust stacks for the modules. The first of the module structures for GTG module 4 arrived in November 2016, closely followed by Module 1 in February 2017, Module 2 in May 2017, Module 3 in August 2017 and Module 5 in January 2018.



GTG module 4 was the only module to be fully assembled in the Fabrication Yard. It was successfully stacked in August 2017 and prepared for the Full Speed Full Load (FSFL) test. The test took place during April/May 2018, following Mechanical completion of all the systems required to commission that module. This was the first time a Frame 9 GTG has been tested at full load in a fabrication yard as normal industry practice is testing at full speed no load. The test was performed to demonstrate that the GTGs can deliver full power at full speed. The fuel gas used in the test equalled the annual gas demand of five hundred homes. In total, the five GTGs can

produce approximately 625MW which is enough to power one hundred thousand homes or to run 11 million 60W light bulbs.

Upon successful conclusion of the test GTG module 4 was loaded out and sailed away from Italy on 11th July 2018 to the transshipment base at Burgas, six days ahead of its contractual delivery date. GTG module 2 sailed away on 12th September, two days ahead of schedule. In November 2018 GTG a decision was made to perform additional commissioning scope in Italy that was originally planned for Tengiz. Subsequently, GTG module 3 departed on the 12th February 2019 and GTG module 4 departed on 12th April, both

two days ahead of their newly revised contractual dates

At the peak of fabrication/assembly in December 2017, there were 774 personnel working at the Cimolai and Avenza sites. Across all work fronts 4.4 million man-hours were expended to fabricate the modules. From August 2017 up until all fabrication was completed (over 1.4 million manhours worked) there were no DAFW or Medical Treatment incidents. The FGP Fabrication Oversight team peaked at 39 people in May 2018 and is planned to demobilise fully from Italy by October 2019.

Alan Scott, Senior Project Manager – Fabrication commented that the relationship developed between the Company site team and the BHGE site team was instrumental in the project being such a success. There was a mutual respect and trust between the teams. That did not mean that they were always in agreement, but an environment was created where they were encouraged to challenge one another, but always in a respectful way. This allowed any differences to be resolved quickly and agree on an aligned path forward in the best interests of the project.

FGP-WPMP Director Mick Kraly:

"We are here to listen to you and make a step forward"

Our world is changing rapidly with equipment becoming obsolete, technology ever getting updated, and new inventions emerging every day. But nevertheless, our people still remain our key asset, with every employee contributing to help our Company achieve its goals and make this world a bit better. That was the topic of the "bite-size" session on inclusion aspects held with FGP-WPMP Director Mick Kraly on August 1, 2019. The session is part of the Inclusion Council – initiative that is supported by TCO General Director Eimear Bonner.

Representatives of the Finance, Kazakh Content, Contracts and other departments took part in the session to discuss the concept of "inclusion and diversity", to share their vision and try to define what actions will be effective to increase inclusion within the Company.

Inclusion is a factor defining a long-standing sustainable development of the Company. Any

business is based on its staff, and the future of every business depends upon its personnel. When we talk about corporate engagement, we do not mean proverbial somewhat hackneyed leadership or pro-activity notions, but primarily the desire of each team member to make their workplace better and more comfortable. It is when we stop striving for development and improvement – is when we find ourselves on a path to degradation. As only the people that feel being included can change this world.

"Please do not think you are expected to look pleased or just keep quiet if you see you can do something in a more productive, more efficient way - give your feedback, offer your ideas. We are here to listen to you and make a step forward,"- FGP-WPMP Director Mick Kraly said opening the session, thus defining a framework for discussion.

According to the session par-



ticipants, One TCO workforce understand, accept and celebrate diversity as individuality of each of us: ethnic origin, age, gender, education background, skills, customs and preferences of every one of us. All individuals bring their own experience, views of the work process, skills and vision to the Company.

"We believe the very diversity makes us stronger as a team, and more open and tolerant as individuals" - was the general statement during the session.

As far as inclusion is concerned, many participants noted that it was because of diversity, that we now enjoy inclusion of every employee in the work

process, namely:

- employees see themselves in the Company for an extended period of time aspiring to develop together alongside their co-workers;
- employees become associated with the Company providing their positive feedback on it;
- employees are eager to offer their suggestions as to improve the work process;
- employees take every effort to develop within the Company and develop it thereby;
- employees participate in activities aimed at improving working relations with colleagues, creating comfortable environment for teamwork.

Having shared about his own experience and difficulties he had to face at the beginning of his career, Mick Kraly concluded by saying that "only by interacting with other people we can make this world better, brighter and more interesting".

"We urge every employee – strive to grow, develop, learn new things and share your experiences with others. We welcome all new persons, and we are interested in their personality and culture that they represent, and we do everything to make this Company not only a home for them, but also a place for the implementation of all their ideas and talents," he summed up.

FGP-WPMP NEWS

The Inclusion Factor

Everyone should once in a while stop, look around to realize that we create our future ourselves. It is exactly the same when it comes to work, everything is exactly the same way – proactive approach holds sway over the circumstances, and personal development drives up the career progress and development. This conclusion was made by members of the bite-size session organized by the TCO Inclusion Council.

An interactive session with participation of Aidar Dosbayev, FGP-WPMP Deputy Director, was held on July 30. This was the first FGP session after the official launch of Bite Size sessions by Eimear Bonner that was on May 30.

The keynote of the meeting was an important topic - inclusion at workplace, which has an immediate effect on the quality of work and the overall performance of the company.

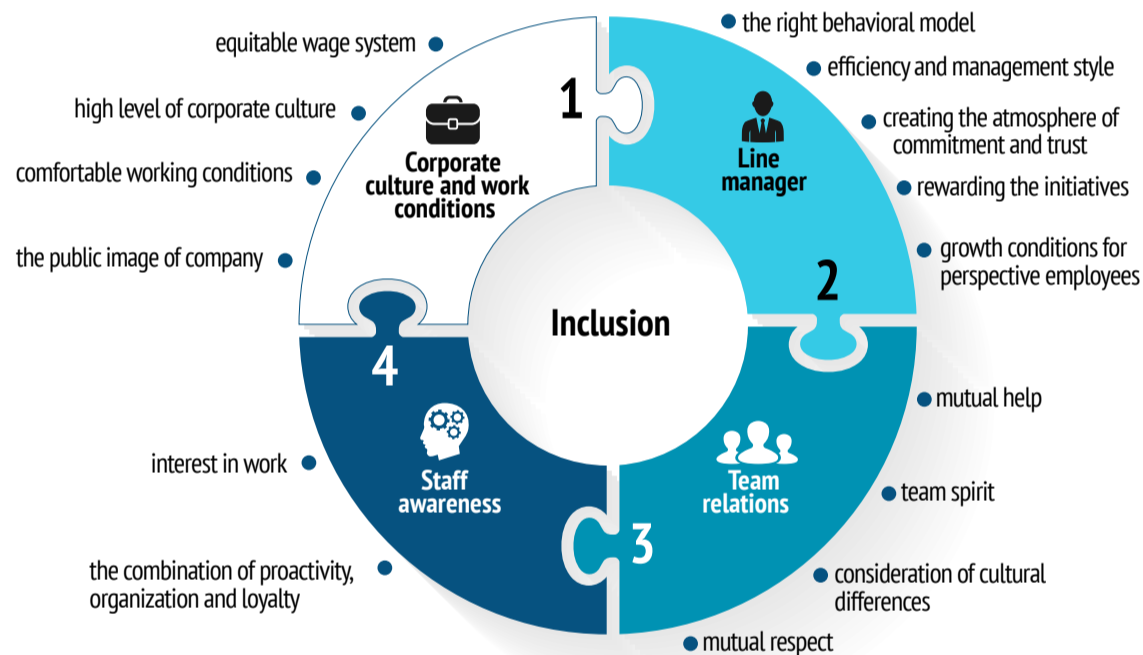
The session was held online - participants actively answered questions, shared their ideas and voted.

When generating ideas, Aidar Dosbayev drew the inclusion matrix consisting of four cells. The participants described conditions that influence the inclusion level of each employee in each of those cells. Firstly, it was corporate traditions and working conditions created by the company/project. Secondly, the approach of a line supervisor to goals setting and teamwork management. Thirdly, the workteam relationship, mutual aid and team spirit. All this, eventually, factors into an employee's awareness and conscious choice to be involved in work and fulfil the tasks in a good faith. The basic idea of the matrix is to demonstrate three components having a direct influence on conditions under which the personnel will be fully involved in work.

As the matrix content was filled, it turned out that the personnel inclusion concept covers a huge number of various components.

On the enterprise' part, the participants mentioned importance of such factors as comfortable working conditions, high level of corporate culture, positive image from an outside perspective and fair compensation system.

Equally important is the role of a line manager, who should



serve as a role model and be an experienced mentor to maintain the atmosphere of commitment and trust, encourage initiatives, and create a career path conditions for high potential employees. Another important thing is the role of line managers and their participation in the inclusion process. The correct choice of behaviour model, efficiency and management style - all this has a direct bearing on employees' inclusion level.

A valuable role is played by synergy of workers, their team spirit, recognition of cultural differences, mutual respect, active mutual aid and commitment to conflicts settlement.

And finally, personal choice of an employee, their engagement in work, combination of proactivity, self-discipline and loyalty. The session participants mentioned that inclusive employees, in their opinion, should possess such qualities as interest in work, ethics, reliability, understanding of their targets and

ability to set priorities.

In the second half of the session, the participants voted on all parameters to determine the personnel inclusion level at the project to date.

The voting results illustrated that the motivational process (satisfaction of the employees' crucial needs) plays a significant part and serves as a basis for inclusion and loyalty to be formed. In other words, an employee will be inclusive if there are visible "conditions for driving success" - promising conditions for professional development and self-realization.

Aidar Dosbayev also gave examples of creating favourable conditions that inspire employees of various companies to be inclusive and effectively fulfil their duties.

At the end of the session Aidar Dosbayev told about his own experience of inclusion, which had helped him to gain a competitive advantage. He emphasised the importance of

immersion in the process, proactivity and informed choice of the inclusive behaviour.

"The company needs your inclusion, but first of all you need it yourself. The quality of your future depends entirely on your actions today. If each of you is excited about what you do, if you are engaged in self-education and make ample use of your own potential, then you will gain confidence, because the good lessons you have learned is your main capital that enables you to have better choice at the next stage of professional development", - summed up Mr. Dosbayev.

Comments of the participants:

Samal Urazgaliyeva, Capability Development Coordinator, FGP-WPMP:

– "In general, I really liked the inclusion event; it was interesting to listen to the speakers and other participants' opinions, as well as to take

part in discussions myself. I've been familiar with the term "Inclusion" for several years. The "Inclusion" is one of the principles of the international quality standard ISO 9001. And at yesterday's session, several principles of the Quality Management System (QMS) were announced - such as management' leadership, relationship management, staff involvement and others. It is important, and I am very pleased that the management not only takes an interest in this process, but also applies and maintains the Quality Management System requirements principles at the project.

Askhat Yergaliyev, Market Survey Coordinator, Kazakhstani Content Group:

– Overall, the event went on the positive way. It was good to see colleagues from other departments expressing their opinion on what inclusion means to them, discussing what is done for the comfortable working conditions, and what needs to be done. And also it was good to learn more about the inclusion on Company's corporate, management and departments level.

For me, the corporate inclusion means the active and proactive participation in the life of the company, seeking opportunities to engage the processes and systems in the way how the Project is executed, communication between departments, working as a team, not a separate body. Furthermore, the inclusion is to be free and not to hesitate to express your opinion regarding process optimization and the working process we're involved in.

KAZENERGY



Kazenergy week

Kazakhstan Energy Week, organized by KAZENERGY Association, was held from September 23 to 27 in Nur-Sultan city. Various types of events were organized during the week, and representatives of oil and energy sectors of the world had an opportunity to tell about their achievements in the field of energy and discuss current issues.

At the conference dedicated to the 120th anniversary of Kazakhstan oil industry, TCO General Director Eimear Bonner made a speech and spoke about the 120-year success of Kazakhstan oil industry, including increase of Tengizchevroil's oil production in the last quarter century from 1 million to 28.6 million tons per year, and that, at the moment, the company makes up about 35% of the total oil production in Kazakhstan.

Digitalization in the country is going on at full speed. In this regard, the organizers of the Energy Week held a digital interactive exhibition. The exhibition was attended by many companies with their booths, including companies such as KazMunaiGas, Karachaganak, NCOC, Caspian Pipeline Consortium, KazMunaiGas International and Tengizchevroil.

The opening ceremony was attended by Prime Minister of the Republic of Kazakhstan A.Kh.Mamin, Chairman of

KAZENERGY Association A.Kulibayev, Chairman of the Management Board of National Company KMG S.Aidarbayev. The guests paid special attention to the TCO booth. TCO due to the transition to digital energy at this time was able to look around the company's production facilities through VR glasses. During the week, all visitors were interested in TCO booth, and each of them had a chance to "visit" the Second-Generation Plant in Tengiz and the construction site of the Third-Generation Plant within Future Growth Project. The visitors were grateful to the company employees for the opportunity to "visit" their production facilities.

SPE Symposium, XI KA-



ZENERGY Youth Forum and KAZENERGY Women's Energy Forum had been held within

the framework of the week. The plenary session of the Women's Energy Club, organized in the

form of talk show, on behalf of TCO, was participated by Zai-gul Dosalieva, Deputy Director

of the Group for Production of Structural Modules in South Korea within FGP-WPM. The session mainly covered topics such as the role of women in business, including in the field of energy, career advancement and women's wages compared to men.

The KAZENERGY Forum that has been lasted for a week, encouraged its participants to future achievements.

At KAZENERGY week, one of the most important events in Kazakhstan, TCO Policy, Government and Public Affairs Team, Future Growth Project Team, Group for development of local market and IT team worked as one body, as true "one TCO" team.

Bakhytgul Khalel,
PGPA employee



Machinery building – a driver of Kazakhstan industrialization

Recently, VII Forum of machine builders of Kazakhstan was held in Nur-Sultan and it was called “Machinery building - a driver of Kazakhstan industrialization!”. The Forum was organized by the Ministry of industry and infrastructure development of Kazakhstan, Association of Kazakhstan Machinery Industry with the support of the Government of the Republic of Kazakhstan and the National Chamber of Entrepreneurs of Kazakhstan “Atameken”.

A welcoming speech was made by Chairman of Management Board of the Association of Kazakhstan Machinery Industry Mr. Pshembayev.

Deputy Prime Minister of Kazakhstan Mr. Kassymbek, Minister of Industry and Infrastructure Development of Kazakhstan Mr. Sklyar, member of the Board (Minister) for industry and agriculture of the Eurasian Economic Commission Mr. Subbotin, assistant of the RoK President Mr. Ashimbayev and others participated and spoke on the forum.

Over 1,000 delegates, managers of leading domestic and foreign machinery building companies, representatives of government agencies, qua-

si-public sector, development institutions, business associations and major consumers of machinery building products attended in the plenary session of the forum.

“The imported engineering goods volume is 39% out of total import in Kazakhstan, in other words it is almost \$13 billion. So, as we will replace imported products by domestic ones, it means more jobs to be created, leading to costs remaining in Kazakhstan’s economy. It is planned to subsidize an interest rate on loans to machinery building enterprises in second-tier banks under “Damu” programs, minimum allocation of 50 billion tenge annually through JSC “DBK-Leasing” funds for equipment leasing”, - said the Chairman of the Association of Kazakhstan Machinery Industry Mr. Pshembayev.

In the forum the following discussions took place as important and critical issues as strategic directions of development of the industry in the face of the challenges of the new time, issues of import substitution, stimulation of production, raising the status of young professionals, discussion of new approaches in the context of digitalization.



The forum was dedicated to Year of youth, so interest was in motivational meetings of experienced professionals with young people and robotics competition. The main discussion topic was competitiveness of domestic companies, growth of import substitution in engineering products and transition to industry 4.0.

Currently, the machinery industry produces a huge number of products, ranging from spare parts to high-tech modern equipment, as well as produces locomotives, passenger and freight cars, cars, transformers. Machinery building is a type of industry that contributes to development of the entire economy - said assistant of RoK President Mr. Ashimbayev

during the forum.

At the end of the plenary session of the forum awarding ceremony took place “Honorary Engineer”. Minister of Industry and Infrastructure development of Kazakhstan Roman Sklyar presented badges to honored workers of the engineering industry.

In the Forum framework an exhibition of achievements of machine-building industry was organized, also having discussion platforms in the following areas: oil and gas, electrical, mining, automotive and other types of engineering.

In oil and gas engineering section, Director of domestic market development, Daniel Zholdybayev provided participants information on develop-

ment of machinery building, future plans for implementation of roadmap for the development of engineering and talked about TCO success story in cooperation with machinery building companies.

After his speech, NCOG Deputy General Director Mr. Marabayev presented a certificate of achievement of international quality standard “Karlskrona”.

A company “Bomer Armaturen” shared its success story in achieving international quality standards in manufacturing of ball valves and meeting requirements of major clients in oil and gas industry.

Marat Dauletyarov,
Kazakhstani Content
development advisor

KAZAKHSTANI CONTENT

Catering, Facility Management and Transportation Forum was hosted in Nur-Sultan city

October 3, 2019, Nur-Sultan – Approximately 40 companies participated in the Forum that had objectives to study and discuss opportunities of the domestic services market in catering, facility management and transportation. The Forum was hosted by Tengizchevroil LLP.

Service companies registered in TCO’s potential suppliers’ database and those who were interested in providing such services were invited to the Forum. In addition, RoK Ministry of Industry and Infrastructure Development and “NC “Kazmunaigas” JSC representatives attended the event.

The participants were provided with an overview presentation of TCO’s existing

and future required services in catering, facility management and transportation at Tengiz field and Atyrau city. According to the speakers, currently ~30 000 meals are served per day in Tengiz field canteens. Besides SanPin standards, GMP, Chevron Food Safety hygiene standards are maintained in Tengiz field canteens.

As described by TCO representatives, there are significant opportunities in facility management are available for potential suppliers. The following requirements for laundry and cleaning services, maintaining of many recreational facilities, facility management and maintenance of service equipment and supply of materials to perform



catering and hotel services are available for potential service providers.

Further, the Forum participants learned about requirements in transportation services in Tengiz field.

According to the official information, ~270 000 passengers are transported on a monthly basis. Besides passenger transportation services, there are possible requirements for fleet management, vehicle &

equipment repair and maintenance, roads and aviation runways snow clearing.

The Forum was concluded by overview presentation describing partnership process with Tengizchevroil LLP. There is SEOI database on TCO external web page available for potential suppliers. Application and registration in this database is free of charge for all the suppliers. After

the Forum, the participants and facilitators had opportunity to have a dialogue in B2B sessions and establish contacts for further cooperation.

Yerlan Islyamov
Advisor PGPA

DIGITALIZATION



Let the future happen today!

What is the definition of an IDEA??? An idea is a thought or collection of thoughts that generate in the mind. An idea is usually generated with intent but can also be created unintentionally.

Every organization wants better ideas. But it is often too tough to capture them in a manageable way. And product teams need a way to quickly capture, categorize, and prioritize ideas. The best solution is to practice ideation -- the creative process of generating, developing, and curating new ideas.

Better ideas lead to innovation, and innovation leads to market leadership.

When enterprise employees

are connected, empowered and engaged on a digital level, the power of their business as a disruptive force increases. We consider systems and solutions from IT giants like Microsoft, SAP, Oracle, etc., that are enabling businesses to advance on their digital transformation journeys and, as a result, realize unprecedented levels of operational efficiency

The digital transformation of enterprises over the world is paving the way for an exciting future. We are at the edge of a major technology shift towards more intelligent computing – one fueled by the rise of data, sensors, the cloud, artificial intelligence, machine learning and mixed reality.

This isn't the only barrier to success: the growing skills gap is presenting a significant challenge. Companies committed to hiring and growing, but most of them are seeking new skills that cannot be replicated by machines. This makes skills like creativity – amplifying the ingenuity of

every single employee – more critical than ever. Business leaders expect their employees to be creative – to solve problems differently, to collaborate more, to work across geographies. Businesses need employees to continually ask: what are new ways of thinking about this old problem? But employees don't always feel like they are getting the right tools to help them do this.

While 72% of workers believe their future success depends on their ability to be creative, only 31% say they are living up to their creative potential, and only 40% feel they have a company culture that encourages creativity."

Compared to organizations with low levels of innovation effectiveness, those with a high level are more likely to:

- Be ahead of peers in using data and technology
- Have successful digital transformation efforts
- Meet their employee performance goals
- Meet their customer sat-

isfaction goals

– Meet their profit goals

Building innovation effectiveness at scale takes deliberate effort — connecting employees with a network of innovators, engaging them in the choice of innovative ideas, and equipping leaders to share responsibility for the risks.

Idea management is the ability to capture feedback or insights from internal and external stakeholders for the purpose of adding this feedback into future products or product releases.

Idea management is a simple but a very important process for companies. It works both for complicated and simple tasks. But like so many processes, idea management works best when it when it has the support of business leaders at all levels of company management.

TCO IT Department is pleased to announce launching of the TCO Digital Yurt program, in order to collect the ideas of employees with

further implementation by Department internal resources.

Being an analogue of the "Digital Dojo" contest held at Chevron, our Digital Yurt organizes a platform for collecting innovative ideas and proposals, where great ideas will be selected by voting and peer review of the best and providing opportunities for their implementation.

The objectives of 1st session of the TCO Digital Yurt is simplify & improve reporting with dashboard using automation and visualization capability of PowerBI platform. The other main and important goal of the 1st session of the Digital Yurt is built internal OC and fluency in Power BI to enable better business decision-making process and support TCO on their digital transformation.

Yerke-Bulan Utegenov
IT Project Manager

For more information please visit to our website:

go.chevron.com/tcody

TCO holds first Digital Week

TCO recently held its first Digital Week, a celebration how we are using technology to transform our business.

"The events and activities of Digital Week give us tools and approaches to enhance our digital skills and help us adapt to evolving work practices," said Eimear Bonner, General Director of TCO. "We are excited about the opportunities to enable business value and transform our work."

Digital Kiosks were set up at TCO HQ and visitors learned about data science, artificial intelligence, robotic process automation, agile and the upcoming Digital Yurt program at TCO. The second day was dedicated to partners, with companies including Samsung and Panasonic, informing attendees about their digital practices

during presentations and poster sessions.

"I was aware of the increasing practice of digitalization at TCO before the Digital Week, however, I have a greater appreciation of its scale and breadth now," said one of the event participants. "The kiosks provided an excellent summary of digital activities for people new to the subject and for those who have great expertise. There was something for everyone."

"The digitalization brings a lot benefit to day-to-day operations and cost reduction for whole company. It leads to a dynamic of innovations that allows more possibilities offered by new technologies. Digital Yurt is the TCO IT event that aims to invigorate an environment of innovation for Company employees," said Fariza Nurzhauova, TCO Digital Yurt Coordinator. "It was great pleasure for me to help with organization and coordination of the first in the history of our company Digital Week."



In the middle of the week, teams from around our business presented their digital success stories and learnings to colleagues. Follow up questions and discussion emphasized the excitement and curiosity around Digital Transformation at TCO.

The focus switched from teams to individuals in the final

part of the week as productivity classes were delivered to those who registered an interest in enhancing their digital skills.

"It was a very busy time for the team who coordinated the launch of TCO Digital Week," said Aigerim Rakimbayeva, digitalization and productivity analyst. "To see it come

together successfully was very rewarding for all of us involved. Throughout the week we witnessed lots of ideas, questions and desire to learn more about how Digital Transformation will create value for our business."

Simon Tait,
Communications Advisor

KAZAKHSTANI CONTENT

Useful training

Kazakhstani Content Development Group has resumed conducting Kazakhstani Content Calculation Methodology trainings on a quarterly basis for all existing TCO Contractors. These trainings

are aimed to familiarize and refresh Contractors' knowledge on calculating KC for goods, works and services, legislative aspects of this process and how it is related to conducting business with TCO. Please be also informed that since May, this training is available online for TCO employees in Learning Management System.

For one of future sessions, TCO's Domestic Market Development is planning to invite representatives of Ministry of Energy's Information-Analytical Centre of Oil and Gas to share their expertise on Kazakhstani Content Calculation Methodology and directly answer to questions which could be asked by Our Contractors.

In overall, we believe that regularly conducted trainings should help our Contractors in their reporting Kazakhstani Content and our group works closely with Contractors in case they have questions on this subject.

TCO Kazakhstani Content Development Group

DIGITALIZATION



Microsoft Teams makes team collaboration easy

In the race for productivity we seek to use a range of task management apps, such as instant messaging apps, e-mail messages to capture feedback from our peers, planner and storage apps, and many others, let alone traditional calls and meetings apps. At a certain point, you are facing the need to use more than one communication method thus duplicating the tasks for peers and running into a risk to miss things.

The problem is especially acute for small teams and organizations, who need to constantly be in touch in chat rooms, create video and audio calls that are accessible to all participants, while having the ability to group access to documents and be sure that all data is securely protected.

Responding to these needs, Microsoft corporation launched a Microsoft Teams platform in 2016 that brings together several communication methods, satisfying the needs of almost each team, including group chats, video con-

ferences, collaboration on documents, cloud storage, and many other features.

In 2018 Microsoft announced a free version of Microsoft Teams available for anyone to download. This has led to a surge of interest in the product and its popularization. Today Teams can be called as one of the most noteworthy integrated products, and here are the reasons:

1. Easy communication.

A group chat can include up to 300 people, and that more than covers the needs of an average organization even that having some small branches. There are no limits to the number of messages and message search unlike in the free competitive products.

In addition to standard chats - general and private, users may use voice/video individual or group calls, which easily replace customary meetings attended in person.

One of the attractive features of the product, in addition to the above, are



meeting planning and intelligent video features allowing to have large video conferences, use Microsoft Whiteboard digital canvas for comments and notes available both for the meeting attendees, and those who have missed it. Intelligent Capture technology is also available and changes the size and quality of an image, therefore, the meeting attendees will have a good quality image even if the connection is poor.

Moreover, MS Teams gives an option to communicate and collaborate with any participants, including those outside the team.

2. Storage.

In different plans, the volume is from 1TB, which more than covers the ability to store all working documents, both group and personal, in a cloud storage,

which eliminates the need to constantly send documents to colleagues and/or use third-party cloud storage.

3. Access to Office Online applications.

Microsoft Teams makes instantly familiar Office applications (Excel, Word, Power Point, Outlook and OneNote) web-based. It means that collaboration on a single document in these applications becomes easier and more convenient even for those team members, who have not installed them on their computers.

4. Integration with 140 third-party services.

There is no need to describe all of them, however, it is important to mention integration with Adobe servers, used almost universally, Trello and Evernote as well.

The paid version is expected to have an increased number of applications offered for integration.

5. Security.

All your data is protected at all the stages of storage and transfer.

To date, Teams is used by more than 500 000 organizations worldwide.

Kamshat Zhumagulova

SAFETY

"There are no 'minor things' in industrial safety"

"At all FGP-WPMP facilities, close attention is being paid to the level of safety and safe work, but the basis of everything is to preserve the life and health of each employee by creating, developing and implementing best practices for work planning", said Asset Amirov, HES Specialist MPM.

- Asset, please tell us how did you choose field of Safety in the workplace?

- When I first started working as a Safety Officer specialist within the SGP project in 2005, I realized that I barely knew anything about Safety of workers in the workplace.

I spent the first two weeks studying the instructions, processes, and procedures applicable to the work and occupations present in the company. It was an excellent challenge, and at the same time - a challenge that came with a lot of responsibility. And yes, I assume that I handled this task.

After a couple of months, I was offered to head the Safety in the workplace department and continue advancing culture of "Safe Labor". It was a time when we, young specialists, gained experience, obtained new knowledge. We took part in training courses and

participated in lectures and workshops, we then shared this information with everyone involved in the production process, and the effect would always exceed our wildest expectations. What then began became my profession.

- And how did you start working for FGP? What do you like most about your job?

After completing my work at SGP, I returned to my hometown of Almaty and continued the development of what by that point in time had already become my profession. Both, from career and personal competencies points of view.

In 2017 I started working as a Safety in the Workplace Specialist on Temporary Facilities project, and year later, I moved to the Modules Integration project, where I continue working.

The opportunity to participate in FGP-WPMP project became kind of test of personal qualities and professional knowledge. It allowed me to grow by improving practical and theoretical skills and share them with other participants of the project. The opportunity to work in a team of professionals from all over Kazakhstan and the world, gave impetus to be



and intolerance to any type of discrimination.

Currently, every person involved in the project applies practices that increase the level of safety at work place, and will continue using them in the future, on other projects, in other cities and countries, sharing their experience with other people.

It is so rewarding to realize your involvement in such a significant matter, knowing that your experience may become handy to someone on the other side of the world.

- Would you please describe a day in a life of Safety Officer?

- Every day is dedicated to fulfillment of certain duties, but no days are the same, there is certainly no dreadful routine.

Thus, a lot of what we do every day, such as observations, meetings, and inspections are crucial. However, working with people, talking with employees over a cup of tea during a break, or just meeting on site is very important and helps to develop mutual understanding and dissolve the barriers between us.

What obstacles and risks do you see in your daily work, how critical are they, and is it possible to overcome them?

better than you can be. It created an environment to learn and teach others, meet new people and discuss "the old times" with old friends.

- Tengizchevroil pays great attention to industrial safety issues. Please, tell us why is this important?

- It is not a secret to anyone what a great attention FGP-WPMP pays to organization of safe work at all its facilities.

At the base of all is protection of life and health and wellbeing of every person working on the project, through promoting, developing and implementing the best practices of work planning, mutual respect,

Many people incorrectly understand the motto "Safety comes first". As Safety is not something separate, it is an integral element of common process of work. It is the very basis of the "Incident and Injury Free".

Every day we meet new people and see something new at working sites. Indeed, people sometimes make mistakes and it is important to remember and understand that we fight not against "violators", but against "violations" and reasons causing them.

Ultimately, the work that we do is about working with people, developing leader qualities, meeting colleagues from other sites, companies, countries with whom you can exchange positive experience. All this develops a safety culture of work and allows us to "look beyond the horizon" and see our work in the long term.

Asset, finally, what is most important for you in your work?

- I like to see a spark in people, intrinsic motivation, a desire to use the opportunities for improvement and support this desire in myself and others. Day after day I try to become a better version of myself: to be better than yesterday, and to be ready to be better tomorrow.

Kamshat Zhumagulova,
FGP-WPMP PGPA
Internal Communications
Advisor

Reception of TCO pensioners

Tengizchevroil LLP always treats pensioners with special respect. But this year, the respect to the older generation was shown in a special way. Currently, the company has 246 pensioners. They made a great contribution not only at the beginning of the largest field, which became a driving force of Kazakhstan oil industry, but also during its formation and development.

On the Oilmen's Day, which coincided with the 120th anniversary of Kazakhstani oil, at a reception of pensioners in Sultan Palace restaurant in Atyrau city, General Project Manager Kevin Kasner and General Manager of Legal Team Asset Kurmanbaev spoke about unmeasurable labor

of every pensioner in company's history and wished them good health and long life. All pensioners, who gathered at this event, upon management's decision, were awarded with commemorative medal "120th anniversary of Kazakhstani oil". The joy of yesterday's colleagues, today's retirees increased even more with the receipt of this significant medal on behalf of the Minister of Energy of Kazakhstan Kanat Bozumbayev.

- I was admitted to the company Tengizchevroil LLP on April 6, 1993. Thus, according to my work experience, I am the same age as the company. 26 years of conscious life had passed within the walls of TCO. For me, who retired a month ago, the commemorative medal was a good surprise. The company gave us everything, at the times when we got sick, helped restore our health, helped us improve our social situation, and provided financial support to our children in obtaining higher education.



And keep supporting us. It turns out that we receive rewards twice per year as pensioners. Company even doesn't forget our anniversaries, - shared with his impressions yesterday's active member of trade union, employee of Supply Chain Management Team Rassymkhan Matenov.

Pensioners Talgat Bukaev, Tursynbai Bakhtiyarov also agreed with Rassymkhan's opin-

ion, and sincerely thanked TCO management for warm welcome and respect for pensioners.

- The number of TCO pensioners is growing every year. Last year, there were 225 pensioners, this year their number reached 246. Twice a year, on the eve of Nauryz Holiday and professional Oilmen Day, pensioners receive rewards. By inviting all pensioners to such evenings, we

show them our respect. Such a reception will be organized in Kulsary city for pensioners living in Zhylyoi district. Special gifts and congratulatory certificate are given on behalf of the management for heroes of anniversary. This is a tribute to our veterans, who have an indelible mark in the history of company formation and development" – says Nurgul Uteyeva, Senior Social Issues Group Manager of Human Resources Management.

... Yes, veterans who are about to be ninety years old, and those who have just reached retirement age were happy to meet their old team, with whom they worked side by side for many years. And with great pleasure listened to the news about company's achievements in recent years from the management. The evening lasted with dances to the sound of music of local singer Serik Bigambayev, and by being involved in hearty talks, they didn't want to bid farewell...

S.Shektibaikyzy

COMMUNITY INVESTMENT PROGRAM

Unique Projects Completed by NGO's in Mangystau Oblast

The Public Spaces project, initiated by the Eurasia Foundation of Central Asia under the FGP-WPMP Social Investment Program in Mangystau Oblast, has completed its first year in Fort Shevchenko, Bautino and Borankul. A Grand Opening Ceremony for 4 remaining mini-projects – of a total of 10 – was held in August.

An opening ceremony for two unique mini-projects took place in Tupkaragan District on August 21. Mother and Child Welfare Consulting Room in the centre of Bautino village was designed and implemented by local outpatient clinic personnel and proactive young and expectant mothers of Bautino village. The first of its kind in the village, the centre has opened its doors to provide consultancy services to new mothers and pregnant women, who will no longer have to travel to Aktau.

The ceremony was attended by Talgat Altynkaliyev, Deputy Akim of Tupkaragan District, Dossan Zhetkizgen, Head of the Tupkaragan District Internal Policy Department, and Gulshat Shalabayeva, Head of the Tupkaragan District Healthcare Department. The guests unanimously agreed on the importance of such centre for the health of the future generations of Kazakhstan. Gulzira Yessetova, Bautino Mini-Project Manager, said: "The aim of the Mother and Child Welfare Consulting Room is to keep women and children healthy, make sure babies are

born healthy, reduce death rates among mothers and infants, and advice on healthy lifestyles. Young mothers will be able to receive recommendations on infant care, information and training materials and will be invited to attend workshops and trainings."

The second project officially opened that day was the Youth Alley in Fort-Shevchenko. The alley was designed and built by active youth and other residents of the city. "Young people today are very talented. They are capable of generating innovative ideas, constructive projects and proposals. And today Fort-Shevchenko demonstrates a shining example of utilizing the potential of young people for the benefit of its community. The credit for making this project happen belongs to our younger generation," Rzakbek Artygaliyev, Tengizchevroil Government and Public Affairs General Manager, said in his speech.

After the red ribbon cutting ceremony, TCO representatives and local government officials participated in planting the first trees of the Youth Alley.

During the ceremony, Dossan Zhetkizgen, Head of the Internal Policy Department of Tupkaragan District Akimat, noted: "It is important that TCO helps build up the capabilities of local communities and provides financial support for social projects. These groups of citizens basically help us do our job, and do so efficiently."

On August 23rd, two proj-



ects opened in Borankul. My School is My Home project was designed and implemented by personnel of Karakum secondary school. Parents, teachers and employees of the school joined their efforts to install a footpath on school grounds for the convenience of the children. Now there is no need to worry about keeping the school building clean. Karasai Nurlybai, Mini-Project Manager, said: "We have done a great job. The school footpath is ready. The main result of this project is our teamwork, our common efforts, our time dedicated to making this project happen. Many thanks to TCO for its trainings, workshops, grants and ideas for social projects. We know that in the future we will be able to plan and deliver projects on our own using our newly acquired skills and knowledge."

A Healthy Generation is the Future of the Nation project was designed and delivered by Borankul secondary school personnel. This project is unique in that it met three objectives at once. The Borankul school is

now provided with clean potable water and can conduct basic military training and environmental classes outdoors.

As we have noted more than once before, these mini-projects are unique because it was the residents themselves who have identified community concerns, found ways to address them, established action groups, and delivered public amenities for their local area using their own resources. Local Akimats have been actively involved in the project implementation from the very first day. They offered their assistance with small-scale projects planning and monitoring activities both during and after their implementation, and helped to establish dialogue with various groups of the local community, as well as provided financial support and contributed to the implementation of the project significantly.

If we summarize the first-year activities, we can state with confidence that the goal has been accomplished! All small-scale projects, without exception, have

been completed on time and with the participation of local communities encouraged and led by the initiative groups, local authorities and project leaders. Every facility built by the participants is a huge success and is currently used by the local residents, including children and adults. A total of 300 residents from Fort-Shevchenko, Bautino and Borankul villages took part in the implementation of the projects.

Alma Sholpankulova, Public Spaces project manager (EFCA) shared: "Most of all I would like to note the successful implementation of the project in Fort-Shevchenko, namely Youth Alley. All residents of the village have been actively involved in the project implementation, including young people, local businessmen, veterans, soldiers, elderly people, akims, activists and volunteers. There were challenges encountered in the course of the project execution, but through joint efforts those have been addressed. For instance, Akimat has taken over the activities on fountain restoration. Akimat's contribution to this project amounted to more than 500 000 tenge. This included purchase of electrical motor for the fountain and planting young pine seedlings (the latter was not included in the project at all). Local business communities have allocated money for purchasing concrete and sand. The result - a real, urban alley! And the local residents intend to complete and further improve it."

The project has one more year to go, and local residents are already exploring what else they could do for themselves and their community.

“EGILIK” PROGRAM

New school

On the eve of the new school year, Tengizchevroil LLP impressed the children of Zhuldyz micro-district of Atyrau city with good news. The construction of a new school with 624 seats has been completed and put into operation within the framework of Egilik voluntary program.

Alimuhammed Kuttymuratovich, Akim of Atyrau city, who attended the official opening ceremony of the school, wished success in the new school year for all teachers, students and parents.

“Until today, the children of Zhuldyz microdistrict have been forced to go to secondary school in the neighboring village. Today, this insufficiency has been filled by Tengizchevroil, distinguished with its projects for development of social infrastructure of the region.



On your behalf, I would like to express my sincere gratitude to the management of this company” – he said.

Rzabek Artygaliev, TCO General Manager for Policy, Government and Public Affairs, had noted that:

“The modern building, built with support of Akimat of Atyrau Oblast and sponsorship of Tengizchevroil, is

being donated today for your use. The school with 624 seats has classrooms equipped with modern technology, sports halls and playgrounds, areas for conducting classes in open air and canteen. On this occasion I would like to say thank you for author of the project “Atyraustroiiproekt” LLP, contractor “DSU Kastador” and technical controller “Damu” for implementation of such project”.

The school was built as



part of TCO Egilik voluntary socio-infrastructure program, the fund of which makes up \$ 25 million.

More than twenty-six years since its formation, Tengizchevroil LLP within the framework of Egilik and other programs had spent more than \$ 1.8 billion on various social projects in Atyrau Oblast. Projects are selected as a result of joint work with Akimat of Atyrau Oblast, which include

the construction of schools, hospitals, clinics, power lines and water supply networks.

This is the 92nd project implemented by the company in Zhuldyz microdistrict under the Egilik program!

Let the Egilik project keep serving for the benefit of our children, and let the school become the best place for younger generation - future of our country!

S. Shektibaikyzy

TCO donated ambulance to Zhylyoi District Hospital

Recently, TCO Policy, Government and Public Affairs General Manager Rzabek Artygaliev donated an ambulance to the central hospital of Zhylyoi district during a ceremony. At the donation ceremony which was attended by the hospital staff and local people, Akim of Zhylyoi district Mr. Beket on behalf of the public has expressed his sincere gratitude to the whole TCO team.

For more than a quarter of a century since the formation of TCO, the company has been creating significant contributions to strengthening of material and technical base of medical institutions of the



region. This year, TCO donated modern medical equipment to the value of approximately \$1 million to the local community.

We are witnessing that the donated reanimobiles, equipment of intensive care unit, phototherapeutic device and

incubator for newborns, ultrasonic system, mobile system for traumatology, modern computers and other equipment progressed improvement of medical services quality.

On behalf of hospital staff and patients, we would like to express our sincere gratitude to TCO General Director Eimear Bonner and PGPA General Manager Rzabek Artygaliev and to the entire TCO team for their continuous support. Prosperity of our region is directly related to development and growth of Tengizchevroil. Hence, we wish successful development and achievement of your goals.

Nurbek Ukibayev,
Director of Zhylyoi Regional Hospital

Photo by
Karasai Kunzharikov

Tengizchevroil donated music equipment to Atyrau Kazakh Blind Society

TENGIZCHEVROIL donates modern musical equipment worth of over 2 million KZT to Atyrau Kazakh Blind Society.

We hope that our small contribution will help Atyrau Blind Society members to diversify their activities and fulfil their strive for creativity. Inclusion and diversity are one of TCOs core values and we are happy to support causes

that help people with disabilities to improve quality of their lives and be involved in social and cultural life of the community, wherever it is possible, said Rzabek Artygaliev, TCOs General Manager of Policy, Government and Public Affairs Team.

Lack of musical equipment presented a sensitive issue for the Atyrau Blind Society. According to Zhupar Sarsek-



enova, who is the Chairman of the Society, people with visual impairments demonstrate keen

interest in creativity, however due to lack of proper conditions and equipment, it is not always

possible to meet their needs. In her opinion, this donation by TCO will help build their daily program more diversely and provide opportunities for attending various creative contests.

It is not the first time when TCO and Atyrau Blind Society have cooperated. During last 6 years company employees actively volunteered to support the Society through “Yntymak” social project, a part of TCO’s Community Investment Program.

Marina Fakhruudinova
FGP-WPMP PGPA
Stakeholder Engagement
Advisor

Media contest results

In the first week of September, the 120th anniversary of Kazakhstan oil was celebrated with a special solemnity. As part of the events dedicated to the anniversary, a creative contest was conducted for the best publication among the media and journalists of Atyrau Oblast, organized by Tengizchevroil together with Atyrau-Akparat LLP and the regional branch of Kazakhstan Journalists Union.

About one hundred materials from 5 editorial offices, namely from newspapers “Prikaspiiskaya kommuna”, “Atyrau”, “Alтын aimak”, “Alтын adam”, magazine “Munaily meken” and from 33 private journalists, where 17 are from print media, 1 oil industry veteran, 1 radio journalist, 3 TV journalists, 3 regional newspaper representatives, 1 photo reporter and 3 cameramen had been received to the ninth Media Contest.

At the ceremonial event on media contest results, General Manager for Policy, Government and Public Affairs R.D.Artygaliyev said:

“As far as you know, this year's contest was dedicated to the 120th anniversary of Kazakhstan oil! Over the past 120 years, Kazakhstani oil has played a huge role in further development

of the country at challenging years after Independence Day. During this time hundreds of oilfields were discovered and had operated for the country's benefit. So, in order to reflect all this history in the works of journalists and on TV, we had announced this contest in this year. I believe that journalists had achieved this goal.”

The ceremony was attended by deputy Akim of Atyrau city U.S.Tynaliyev and he noted in his speech:

“It is gratifying to know that Tengizchevroil, which contributes to the social infrastructure of the city, the entire region for more than a quarter of century, pays special attention to the development of spiritual culture. The current contest of journalists really proves it.”

Deputy Director of LLP “Atyrau-Akparat” Iskak Yegemberdiev expressed his sincere gratitude to the company Tengizchevroil, which for nine years holds such contest and supports the work of journalists. Chairman of Atyrau regional branch of Kazakhstan Journalists Union A. Kalausariyeva also wished success and prosperity to the company, which not only organized an inspiring and motivating competition for journalists, but also provides them with sponsorship



every year.

Actually, it was not easy to define the winners. Most of the contestants expressed their desire to disclose the contribution of Kazakhstani oil to the country's economy. Nevertheless, by having studied the contest materials, the members of Jury noted that there are still some gaps. And hoped that in the future the contestants will work in a creative direction according to the Contest Rules.

After hot discussions, members of jury came into common decision as follows.

In nomination “The selected Oblast Media” was recognized “Atyrau” regional newspaper. The Grand Prix was awarded to the veteran journalist, chief editor of the newspaper “Alтын Aimak” Tolegen Berishbai. Among the cameramen Onerbek Zhana-bayev, operator of “Kazakhstan” TV channel in Atyrau oblast, took the first place, the second

and third places were shared by the operators of regional TV channel Talgat Kuanyshyev and Aibek Utemisov.

“The best photo reporter” became Yerlan Altybayev, photo reporter of “Atyrau” newspaper.

The first and the second place in the nomination “Young talent” were given to Maira Orazgalieva, “Atyrau” newspaper reporter, and Anzhelika Lee, “Prikaspiiskaya Kommuna” newspaper reporter.

In the nomination “The best TV report in Kazakh or Russian languages”, first and second place was taken by journalists of the regional TV channel Aiyngul Khairullina and Gulnaz Karimzhan.

The first place for “The best story in Russia printed media” was taken by veteran journalist Luibov Monastyrskaya, and the second place by “Prikaspiiskaya Kommuna” newspaper reporter Svetlana Novak, the third

place by Alma Turganova and Marina Kuanysheva from the same newspaper. In the nomination “The best story in printed media in Kazakh language” the first place was given to veteran journalist Mendybai Sumessinov. The second place was shared by famous journalist Zholdasbek Kusherbay and experienced oilman Bagit Smatullin, and the third place was given to Bagitzhan Zhumat and Azamat Bazarbayev, natives of Atyrau city.

“The best staff reporter in Republican media” was Zhandos Temirgaliev, staff reporter of “Kazakhstan” TV channel in Atyrau Oblast, and the second place in this nomination was taken by Zhenis Aronov, chief editor of Republican magazine “Munaily meken”.

The winners were awarded with special diplomas and valuable gifts.

S.Kairgaliyeva

Aitys (lyrics competition)

“Hey Oilmen, produce more oil, the people will be asking about it...”

...this was the topic of Aitys that took place in a regional philharmonic hall named after Zhanturin. The event was hosted by Tengizchevroil LLP with support of Atyrau oblast branch of Kazakhstan Union of Writers. The event was led by director the Union, Mr. Zhylykshiev. TCO General Manager of Policy, Government and Public Affairs department Mr. Artygaliyev was privileged to launch this event.

“Dear distinguished guests! It is a great honor for us to meet you here on this stage. Thanks to your support, many young talents were able to approach to this stage, contributing to development of aitys and perform on a high level.

Tengizchevroil has always been paying special attention to development of folk art of the Kazakh nation. The annual regional aitys is a great proof of it, which is held with the support TCO and the Kazakhstan Union of Writers. The purpose of this event is to discover new talents and support development of their abilities. And even now we can observe our results: Shalkarbay Izbasarov, Serik Koishygulov, Nurbeybit Nugmanov, brothers Daulekenov

and Panaberdiyev deserved respect of the people and became professional.

Today again we will hear new voices – 4 young talents will debut from this stage. And we are proud that growing number of followers of Zhaniba Karasayeva, nicknamed as mother of aitys,” Rzabek Artygaliyev noted in his speech.

This year aitys is dedicated to driver of Kazakhstan economy i.e. oil and gas industry, work of veterans who have made an invaluable contribution to its development, and current employees. As well as leader in oil and gas industry, its past, present and future - Tengizchevroil. I would like to congratulate everyone on 120th Anniversary of oil discovery in Kazakhstan! I wish all participants inspiration, and a pleasant stay for our dear guests!

Special attention should be paid to the jury members. Traditionally, this table brought together talented, creative people with rich experience: Chairman of the jury - mother of aitys, a member of Kazakhstan Union of Writers, akyn (poet-improviser) Zhaniba Karasayeva, Doctor of Philology, Kazakhstan Union of Writers, akyn (poetry) Kadyr Zhusip, a member of Kazakhstan Union of



Writers, akyn Burkit Bazarbayev, winner of the Republican aitys Saadat Nurmanov, and the author.

The pair by Anuarbek Sadykov and Nurbeybit Nugmanov performed first. Anuarbek in his verse talked about the story of TCO formation in our region as investor and received applause from the audience. Nurbeybit, in his turn, did not fall behind his opponent. He dedicated his poems to work of such great figures of Kazakhstan oil and gas industry as Bolekbay Sagyngaliyev, Zholdas-kali Dosmukhambetov and Safi Utebayev.

The next pair were Nurbek Sarbasov and Yernur Salauatuly.

Almost a year ago the aitysker, a multiple winner of Republican aitys, Salauat Issatayev, had a final performance on the stage.

And now Yernur, a young talent, following the path of Salauat Issakhayev.

The audience is gratefully treated to the generosity and performance of Nurbek to the young talent. He wished good luck to young Yernur and expressed in his poems respect for the deceased akyn. In a traditional music competition was also attended by a descendant of the former aitysker from Kyzylkogin district Kadyrbay Zholayev, Batyrzhan Kadyrbay. Young Batyrzhan is 11th grade student at school, but immediately established himself as a confident and promising talented aitysker.

As a result of aitys consisting of two stages, the main prize was awarded to akyn of Zhylyoi district Syrymbek Sarsenbayev.

The first place was awarded to Serikbol Panaberdiyev from Issatay district. The second place was shared between Yernur Salauatuly from Zhylyoi district and Batyrzhan Kadyrbay from Kyzylkoga. A well-deserved third place was taken by Nurbeybit Nugmanov, Bimurza Abilkairov and Nurasyly Issayev. TCO's recognition gift, was awarded to a young talent from Atyrau Zhaksylyk Apuzhanov, who is now a student from Almaty.

On behalf of Tengizchevroil all participants were awarded recognition prizes.

It was clear that the citizens of Atyrau loved folk art as the hall was full of spectators, grateful to TCO for supporting this project for over 11 years developing aitys in Atyrau oblast.

I respect and love aitys – a bright example of the folk art. Every year I try to visit aitys, which is hosted by TCO. Thanks to this project, we have seen growth of new young talents during this 11 years period. That's why aitys is an interesting project as we can observe performance of experienced professionals along with new young talents who may challenge them, - said the viewer Izbasar Gabitov.

**Specially for «TCO News»:
Gulzada Niyetkaliyeva,
Member of jury, poetry**



Let's help the kids

As autumn approaches, families with children start the preparation to the school. If children are determined to make big achievements, then parents are worried to get the kid ready to school. Unfortunately, there are families in Atyrau and Zhyloi region, who are facing difficulties and need financial support during such time.

During July and August, TCO Women's Employee Network in Atyrau and Tengiz, jointly with Atyrau branch of the Red Crescent of Kazakhstan and Zhylyoi Region Social Care Center, have organized a fundraising event. The purpose of this charity was to alleviate the situation of families with 4 or more children with a low income, to help disabled children and single mothers. Our plan was to purchase clothes, shoes for school and school sup-

plies for each child.

Our generous and kindhearted colleagues could not remain indifferent to this situation and took active participation during the whole event. This year the number of sponsored kids was two times more than the last year, and we are happy that our employees supported us greatly again. About 20,000 tenge was spent to buy all necessary school kit. TCO Women's Employee Network members went to the shops and purchased the necessary clothes and school supplies for all children during the weekends.

On August 14, 2019 TCO Women's Employee Network in Tengiz organized a small event in Kulsary local restaurant. Children were demonstrating their talents and skills as well as having fun with animators.

John Rigby, FGP Infrastructure Manager, Tanya Guidry, Advisor in TCO Women's Employee Network in Tengiz, and Saule Kozhabergenova, Community Outreach Coordinator of TCO Women's Employee Network in Tengiz, gave greet speeches by encouraging large families and single mothers living in Zhyloi region to get prepared to school



and to believe in a bright and successful future.

We would like to note the words of Edward Benfield, one of the sponsors, who said that he was happy to hear the appreciation of children and their parents for whom we all helped and happy to be the part of this event, and to see how children are having fun and love dancing. At the end of the event all children received their school kits.

On August 24, 2019 a charity event was organized in Atyrau. It was facilitated by Atyrau branch of the Red Crescent of Kazakhstan in Kurmangazy Community Centre.

Children and their parents, representative of TCO Management, Asset Kurmanbayev (Gen-

eral Manager of Legal Department) and representatives of TCO Women's Employee Network in Atyrau were gathered there. TCO Women's Employee Network's Site Leader, Balnur Shonatayeva highlighted that it is a great honor for all of us to participate in this charity event and present the gifts to children.

Asset Kurmanbayev quoted to the point the lines from Ybyray Altynsarin's poem:

Kids, let's learn and perceive the learnt
With pleasure and gratitude.
And the knowledge will light your way
In the darkness brighter than the lamp,
And all your dreams will come true.

Well, as a result, TCO Women's Employee Network on behalf of TCO employees presented school kits to 347 children in Atyrau and Tengiz.

We would like sincerely to thank our colleagues who took active participation in this charity and wish you a good health, prosperity and success in your work! There is a kind expression in the Kazakh language "Kindness will not cause harm". Children have pure hearts and bright souls, and all we can do is do a good deed for them. Our children are our future. Let always be generous and sincere towards them!

Saule Kozhabergenova, Svetlana Li
Community Outreach Coordinators

Road to School

A Road to School Project event was held in Atyrau over August 19–21 as part of the Yntymak Community Development Program. The aim was to provide school kits to children from low-income and large families and families with

children with special needs. Thanks to volunteers' efforts, 300 kids from low-income families in Atyrau have received backpacks with school kits this year.

On August 22, in another event organized within the Yntymak Community Development Program, school kits were handed out to 61 school children from low-income

families in Zhylyoi District. The school kits had been purchased with the funds raised during a charity run organized by the Kemel Group in Tengiz.

On August 24, Yntymak volunteers continued with the Road to School Project at the Koschagyl boarding school in Zhylyoi District, which is now home to 36 children from low-

income families, plus kids from Atyrau Oblast small villages where general education schools not exist. The Yntymak Atyrau NGO is grateful to TCO PGPA department for the provided backpacks and to the volunteers and Youth House students for supporting the project.

Maiya Shamenova
Yntymak Atyrau NGO's Director

MANGYSTAU OBLAST

The First Kurultai of Social Entrepreneurs

The first Kurultai (Council) of social entrepreneurs (SE) of Mangystau Oblast took place on 22 August 2019 under the Zharkyra Program, which is being pursued by the Eurasia Foundation of Central Asia (EFCA) with financial support from Tengizchevroil.

The aim of the Kurultai was to organize a forum for engaged residents of Mangystau Oblast to exchange ideas for innovative social solutions. The event brought together representatives from the Social Bloc of Oblast Akimat departments, the media, the Atameken National Chamber of Entrepreneurs, the Damu Entrepreneurship Development Foundation, the Mangystau Oblast Civic Alliance, NGOs, Tengizchevroil and EFCA.

The Kurultai heard remarkable stories from the winners of Zharkyra Contest

2019. Seven social entrepreneurship projects in Mangystau Oblast have received support this year: KZT 11 million is funding five projects and two projects for professional internships in CIS countries. The project subjects included development, sport and education of children; an accessible environment for people with disabilities; and rehabilitation after injuries and strokes. The projects will provide services to 800 residents of Mangystau Oblast.

"Participation in the project gave me new friends and revealed new facets of my potential. I agreed to be the first to test a custom-made floating wheelchair for people with cerebral spastic infantile paralysis. At the opening of the summer season on the Luara dedicated beach, I was ceremoniously put in the sea water while sitting in a comfortable and safe wheelchair," said Rafael, a beneficiary of the Luara Community Foundation.

The Kurultai was also attended by social entrepreneurs from Atyrau Oblast, where the



Zharkyra Program is in its fourth year and entrepreneurs have gained more practical experience.

Not only did the event guests hear SE stories about ideas becoming a reality; they also saw the results of entrepreneurs' efforts, such as a dance performance by beneficiaries of the Luara Community Foundation and of the Orken Intellectual Development Centre.

"Through the Zharkyra Program, TCO contributes to social entrepreneurship development in western Kazakhstan. Over the period 2016 to 2019, as many as 31 social entrepreneurs were

awarded grants in Atyrau Oblast. Out of the 7 winners of the Zharkyra award in Mangystau Oblast in March this year, 6 businesses are already successfully working for the benefit of the community. Then again, we shouldn't forget about those entrepreneurs (already in business or just starting) who take training courses on marketing, finance, strategic planning and public speaking between semi-finals and finals of the contest. These participants keep the knowledge gained after the project, even if they didn't win the contest," Rzaabek Artygaliev, Tengizchevroil Policy, Government and Public

Affairs General Manager, said in his speech.

One of the speakers at the event confirmed these words. Gulzhanat Muratbai, Director of the Urpak Next Community Foundation, said that she was one of the semi-finalists of the Zharkyra contest in Mangystau Oblast this year, but, unfortunately, couldn't make it to the finals. However, having applied the knowledge gained, Gulzhanat finalised her business plan and successfully launched her own business.

Generation of Business Ideas was the subject of the afternoon training session conducted by Galym Zhukupbayev, a coach from Almaty. It was attended by 84 people. How to generate business ideas that work, how to promote new ideas in the Aktau market, and how to start making money — these questions of current concern to all small business were addressed during the training. "I am going to apply for the next Zharkyra contest," some training participants were saying as they left for the day.

HEALTHY LIFESTYLE

Bowling and Billiards Tournaments

TCO Deputy General Director's Department organized bowling and billiards tournaments among the its employees dedicated to celebration of 120th Anniversary of oil discovery in Kazakhstan.

The bowling competition washeld in a bowling center "Strike" in Atyrau, where TCO Deputy General Direc-

tor Murat Mukashev gave his welcoming speech. He congratulated all the participants on the 120th Anniversary of Kazakhstan's oil and wished them winnings in the competitions.

As a rule of thumb, it was not easy to determine winners of the competitions where the employees demonstrated their will power and interests. The winners of the bowling tournament who showed endurance and drive to win:

1st place was taken by representatives of Health, Environment and Safety Department:

1. Sapan Zhanibek
2. Tolegenova Gulmira
3. Kuangaliyeva Dinara
4. Aktanova Aida
5. Zhauyr Zamanbek

2nd place was taken by representatives of SCM Department:

1. Nurlybek Kalybayev
2. Leonid Kim
3. Makishev Georgiy
4. Aslan Nurgaliyev
5. Berik Botakhanov

3rd – place was taken by representatives of IT department:

1. Assylbek Zhumashev
2. Murat Pirzhanov
3. Khangerey Dauletkaliyev
4. Dossymzhan Izhanov
5. Abzal Sembay

Billiard competition was held in "Infinity" club.

The first place was taken by representatives:

1. Nurhan Kurbanbayev,

2nd place was taken by representatives:

1. Nuraly Yelaman,

3rd – place was taken by representatives:

1. Bolat Nurmagambetov
2. Shyngys Zhakelov.

The billiard tournament was attended by General Manager of Policy, Government and Public Affairs department Rzaabek Artygaliyev and General Manager of legal Department Asset Kurmanbayev, who congratulated the participants on that significant 120th Anniversary of Kazakhstan's oil and wished to the colleagues further success. The winners were awarded special holiday certificates.

Dina Sultasheva,
Olzhas Lukmanov,
 Deputy General Director's Department.



Health day in Atyrau

Recently Kemel Group (TCO HR) hosted quarterly health days in Atyrau TCO HQ. The main goal is to increase awareness of TCO employees on healthy lifestyles also to attract attention to improving their health.

On the first day, employees had opportunity to pass full body composition analysis on dedicated professional equipment. According to the examination results, they could find out: amount of muscle and fat mass, visceral fat level, and metabolic age. There was also a tasting of diet ice cream and consultation with a nutrition specialist on healthy eating style and how to choose proper food.

On the next day, popular screening was carried out to determine level of blood pressure. 131 employees took part in blood pressure screening. As

part of this event, information materials on risks were distributed, informative and consultation work was carried out to motivate employees to have a healthy lifestyle.

Also an art therapy was arranged with the purpose to harmonize a mental state

through development of abilities of self-expression and self-understanding skills. This program helps to forget about daily routine by immersing into the world of creativity and self-development.

On the final day, a screening was conducted to determine

bone mineral density. A screening test may help to identify people who are most likely to need further bone density testing and specialist advice.

Also, a checkers tournament was held having true fans of this game among among TCO employees. Exciting game and

benevolent atmosphere gave a real sports holiday on the final day of the event.

Over 286 people took part in recreational activities organized by Kemel Group in Atyrau. There were lines before each type of event.

Kemel Group,
 TCO Human Recourses



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