

Sep 29 08:30 - 09:30 BREAKFAST WITH CEO

Rixos Almaty

This session will be run in a format of conversation between the Forum's participants with CEOs of the energy companies. During the informal discussion, participants will have a chance to ask questions about the industry, new technologies, career path and leadership skills.

Keynote Speakers: Sanzhar Zharkeshov, Chairman, QazaqGaz

Kevin Lyon, Director General, Tengizchevroil

Moderator: Lesana Kurbonshoeva, WPC YPC Chair

Sep 29 10:00 – 11:00
<u>Visiting the KIOGE Exhibition</u> (by invitation only) *ATAKENT Expo-Centre*

Sep 29 12:00 – 13:00
<u>Opening Plenary Session</u>
Energy Transition: Dialogue of Generations

Independence Hall

Ministerial session chaired by H.E. Minister of Energy of the Republic of Kazakhstan Mr. Bolat Akchulakov that will engage other high-level panellists in a discussion of topical issues of the energy transition in the context of a dialogue between generations.

Keynote Speakers: Bolat Akchulakov, Minister of Energy of the Republic of Kazakhstan

Pedro Miras. President. WPC

Jambulat Sarsenov, Vice-Chair, WPC Kazakhstan National Committee

Joseph McMonigle, Secretary General, IEF Lesana Kurbonshoeva, WPC YPC Chair

Moderator: Marat Birimzhan, Regional Partnership Director, AIFC

Sep 29 14:30 – 15:30 Block - INNOVATIVE LEADERSHIP

Abay Hall

Transferability of Skills: Business and Academia Perspective

When academics are looking for industry jobs, they may hear and believe they lack business skills. However, is this true? Transferable skills are those skills that are needed to adapt to various life contexts and which individuals can potentially transfer to different work and social environments. Nowadays transferable skills are also known as twenty-first century skills.

Academics have indeed many transferable skills and can be great assets to business companies. The great issue is how to translate and adapt our academic experience in a manner that can be better understood outside academy.

Keynote Speakers: Pandele Neculae, Senior Energy Consultant, Energy Industry Review

Abdulakhat Ismailov, Dean, Professor, Kazakh-British Technical University

Frank Behrendt, Professor, Berlin Technical University

Maxim Malkov, Partner, KEPT (KPMG)

Moderator: Sultan Al Rubiey, Human Capital Consultant, Takatuf Oman



Block - SUSTAINABLE TECHNOLOGIES

Independence Hall

The Role of Natural Gas in Decarbonization

This session is devoted to the discussion of the enhancement of natural gas utilization and its impact on a decarbonization. Over the past half century, natural gas has revolutionized the global fuel market. In the context of improving environmental requirements, today gas, as the most environmentally friendly fossil fuel, retains the most long-term competitiveness. Innovations in this segment can have a high impact on future energy supply. What is the potential for increase gas production in the medium term? How to upgrade prospects and potential of existing and planned gas infrastructure? How long will natural gas maintain its position as the most demanded hydrocarbon resource?

Keynote Speakers: Sanzhar Zharkeshov, Chairman, QazaqGaz

Urban Rusnák, Secretary General, International Energy Charter (2012-2021)

Dr. Pierce Riemer, General Director, WPC

Moderator: Moosa Al Rahbi, Production technologist, Petroleum Development Oman

Block - ENERGY & SOCIETY

Al Farabi Hall

Global Energy Security: Path to New Reality

The global energy markets are going through a difficult period. First the pandemic and now the geopolitical environment is having a significant impact on oil and gas markets. The global oil and gas industry is entering a phase of fundamental structural changes. However, it remains to be seen how exporting countries are ready and able to increase production and change established supply routes. All this raises a number of key long-term questions for the oil and gas industry: how much will the market situation for raw material flows change? How will the energy transition process take place in the world, taking into account the new realities? What is the role of Kazakhstan in the new energy agenda?

Keynote Speakers: Aidai Kurmanova, Head of UN Environment Programme (UNEP) Sub-Regional Office for

Central Asia

Gerardo Uria, VP, Global Industry Relations, American Petroleum Institute

Victor Badaker, Economic Affairs Officer, UNECE Asel Aben, Head of Almaty Office, Kazakhstan Institute for Strategic Studies

Moderator: Cody Parrish, Commercial Negotiation Manager, Ember Resources Inc.

Sep 29 16:00 – 17:00 Block - INNOVATIVE LEADERSHIP

Al Farabi Hall

Digital Leadership - A New Phase and Opportunities

The future of energy is connected with the brand new digital technologies, robotics, artificial intelligence, which determines the emergence and development of "digital" demand. Digitalization is essential to address today's energy challenges and improve efficiency in all aspects of the oil and gas sector, and offers an endless array of new investment opportunities. The session will enhance the discussion on how digitalization and artificial intelligence improve the functionality, performance, and increase overall quality and efficiency in the industry.

Keynote Speakers: Jorge Lanza, CEO, Exolum

Vlastimil Samek, Representative, UN Department of Global Communications Mukhtar Mankeyev, Director General, Information-Analytical centre of Oil and Gas Ilya Vorobyev, Team Leader, Gazprom Neft Science and Technology Center

Assel Akzhalova, Professor, Kazakh-British Technical University Arman Tanzharikov, Fellow, MIT System Design and Management



Moderator: Raquel Canton Jara, Senior Territory Sales Manager, Honeywell

Block - SUSTAINABLE TECHNOLOGIES

Abay Hall

Petrochemicals: Development of Sustainable Models

The petrochemicals industry is at a crossroads as it is experiencing both cyclical and structural shifts. While the industry was already facing cyclical pressures such as overcapacity, pricing pressures, and trade uncertainty before 2020, many post-COVID-19 changes have a structural or disruptive character. Unlike the past downturns that were primarily more cyclical in nature, petrochemical companies are now experiencing significant fundamental shifts in demand, changes in how they operate, and the way they interact with and serve customers on a much larger scale. Because of these profound changes, the industry will likely look very different in the next decade.

Keynote Speakers Yerkin Suleimenov. Head of Oil Refining Division, KazMunavGas

Ali Rahneshin, Commercial Senior Analyst, Nouri Petrochemical Complex

Maziar Zarea, Upstream Strategy & Research, IHS Markit

Moderator: Dalal Fahad Alohali, Petroleum Engineer, Ministry of Oil, Kuwait

Block - ENERGY & SOCIETY

Independence Hall

International Efforts for the Energy Transition

The energy transition is the answer of many countries of the world to the solution of the global problem of combating climate change. Analysts have every reason to believe that in the long term, thanks to regulation in many countries of the world, scaling up technologies and reducing costs, low-carbon energy will gain new strength. What are the international efforts for the development of low-carbon energy develop in the short term? How do international efforts in the field of energy contribute to the Energy Transition? Which regions can become the engines of Energy Transition?

Keynote Speakers: Olga Algayerova, Executive Secretary, UNECE (pre-recorded video)

Francesco La Camera, Director General, IRENA (pre-recorded video) Urban Rusnák, Secretary General, International Energy Charter (2012-2021) Bakvtzhan Bulegenov. Head of Almatv office of the Foreign Ministry of Kazakhstan Chokan Laumulin, Research Affiliate, Cambridge Central Asia Forum, Jesus College,

University of Cambridge

Moderator: Alaa Al Zarafi, Reservoir Navigation Services Engineer, Baker Hughes

SEP 29 16:30 - 17:00 Awarding the winners of the Student Energy Challenge Abay Hall

Sep 29 17:00 - 17:30 **TECHNICAL TOUR**

Kazakh-British Technical University

Sep 29 19:00 - 21:00 WPC Kazakhstan National Committee Reception (by invitation only) "Abay" Restaurant, Koktobe



УКРЕПЛЕНИЕ ЭКОНОМИКИ СТРАНЫ И УЛУЧШЕНИЕ БЛАГОСОСТОЯНИЯ КАЗАХСТАНЦЕВ – СТРАТЕГИЧЕСКИЕ ЗАДАЧИ НАЦИОНАЛЬНОЙ КОМПАНИИ КАЗМУНАЙГАЗ





SEP 30 10:30 – 18:30 III CONGRESS OF HONORARY CONSULS (by invitation only)

Rixos Almaty

SEP 30 08:30 - 09:30 THEMATIC BREAKFAST

Rixos Almaty

Women in Power: Steps to Gender Balance

Gender diversity is pivotal for modern society. This session will focus on the status, challenges and

opportunities of gender balance issues.

Keynote Speakers: Burcu Gunal, VP Finance, WPC

Gulzada Shakulikova, Rector, Atyrau Oil and Gas University Lyazzat Akhmurzina, Executive Director, KAZENERGY Association

Kseniya Babushkina, Partner, E&Y Kazakhstan Aigul Barmenkulova, Head of Corporate Relations

Aizhan Khamitova, Head of GR Hub

Sholpan Altybayeva, HR General Manager, Chevron Eurasia Kamshat Baizhanova, HR General Manager, Tengizchevroil Zamzagul Bekova, Finance General Manager, Tengizchevroil

Aisha Turebayeva, Head of Department of strategy and investment portfolio

management, KazMunayGas

Ainur Shanenova, Head of Department, KazMunayGas

Madina Aisariyeva, Corporate Management and Sustainable Development

Department, Samruk-Energy JSC

Raikhan Abdrasilova, HR Deputy General Manager, CNPC International Kazakhstan

Gulnara Murzakhmetova, HR Director, Kazakh-British Technical University **Akmaral Seidigaliyeva**, Deputy Chair, Ekibastuz Hydropower Plant **Rysty Tasmagambetova**, Deputy Director General, Embamunaigaz JSC

Aigerim Sarguzhiyeva, KPO B.V. Kseniya Yurkavets, KPO B.V.

Sangul Zhumanova, Head of Legal Department, Shell Kazakhstan

Dilyara Shurshenova, EY Kazakhstan

Moderator: Hasnaa Lamik, General Manager EU, TDE Group

SEP 30 10:00 - 11:00

Transitions Pathfinder: Role of Young Professionals

Independence Hall

In recent years, the image of the O&G industry has been transforming. Managing the increasing talent gap, retaining young people in the industry and fostering diversity and inclusion in the workforce are some of the acute topics. How will the workplace change over time and how do companies manage the transition? How can companies manage talent through boom and bust cycles and at the same time retain the knowledge and experience within the industry?

Keynote Speakers: Uzakbai Karabalin, Deputy Chair, KAZENERGY Association

Magnus Magnusson, Acting Director, UNESCO Almaty Cluster Office

Pinar Oya Yilmaz, WPC EC Member

Almenbet Narenbayev, Power System Planner, Tengizchevroil

Timothé de Tonquédec, Analyst & Architect Low Carbon Solutions, TotalEnergies

Moderators: Jodie Scott, Talent and Career Specialist, Southern Alberta Institute of Technology



SEP 30 11:30 - 12:30 Block - INNOVATIVE LEADERSHIP

Al Farabi Hall

Post-COVID: New Policies and Work Standards. Mobility of Global Workforce (TBC)

In Kazakhstan and around the world, the labor market was already facing disruptive changes before 2020. A shrinking workforce, the rise of digitalization and automation, and shifts in skills needed were already at the center of global policymaking worries. The COVID-19 pandemic forced faster adaptation to new ways of working and propelled existing trends forward at full speed. These approaches have laid the basis for the "new normal" likely extending into the organization of work in the post-pandemic era. These new arrangements, especially flexible work arrangements, have challenged traditional relationships with employees and employers, work time and working hours, the work-life balance (WLB), and the relationship of individuals to work.

Keynote Speakers: Mustafa Kutluhan Olcay, CPC member, WPC

Alexandra Vangay, Medical Director, Mediker Hospital International Kamshat Baizhanova, HR General Manager, Tengizchevroil

Gulnara Murzakhmetova, HR Director, Kazakh-British Technical University

Kamila Kabash, Petroleum Engineer, Mol

Olga Fedorova, Corporate Strategy and Development, CEPSA

Moderator: Anna Svetkovskaya, Lead Specialist, Zarubezhneft-Production Haryaga

Block - SUSTAINABLE TECHNOLOGIES

Independence Hall

Net-Zero: Modern Technologies and Solutions for Clean Energy

Cities and corporations around the globe are setting targets to radically reduce their greenhouse gas emissions in order to control climate change. The path to net-zero is paved with new forms of energy generation. What are the possible roadmaps for the net zero transition. Opportunities for the development of renewable energy. What policies may be implemented? Which approaches have been effective so far?

Keynote Speakers: Dean Tucker, Vice-Chair, WPC Canada

Askar Yementayev, Managing Director, KAZENERGY Association

Mukhtar Koshkarbayev, Decarbonization and Energy Efficiency Coordinator, NCOC

Hilal Al Ghefeili, Production Program Leader, Petroleum Development Oman

Moderator: Suleyman Coskun, PhD Researcher, University of Manchester

Block - ENERGY & SOCIETY

Abay Hall

Corporations & Start-Ups: How to Build Relationships

Although some large energy corporations invest in or acquire startups, a growing approach to corporate innovation involves collaborating with small, high-growth companies. When a large corporation partners with a start-up the result should, in theory, be a win-win. Corporations possess resources and legitimacy that startups aspire for, while startups have agility and novel ideas that corporations value. How should companies approach collaborations to get the most value out of them? Why energy transition is an important time for collaborations between corporates and start-ups? What are the main motivations for large and small companies to team up these days?

Keynote Speakers: David Curtis, AAPG Executive Director

Abdilda Shamenov, Chairman of the Board, "Science Fund" JSC

Hamed Agha Mohammadi Nazari, CEO, Spradin Co. Hasnaa Lamik, General Manager EU, TDE Group Vladimir Popov, Director, KBTU Startup Incubator



Moderator: Inigo Ullibarri, Corporate Business Development, TUBACEX

SEP 30 13:30 - 14:30 Block - INNOVATIVE LEADERSHIP

Al Farabi Hall

Regional Kazakhstani Session: Technical University: Transition from Science to Industry

Recently, Kazakhstan has revised its conceptual vision of the model of higher education, identifying a special place in the strategy of strengthening the intellectual potential of the country for technical educational institutions and the process of transforming multidisciplinary universities into research universities.

The Kazakhstan session is be devoted to discussing the evolution of the model of technical education, the transformation of universities and the role of rectors in achieving successful integration of science, business and production in the context of modern industry requirements.

Keynote Speakers: Kenzhebek Ibrashev, Director General, KAZENERGY

Maratbek Gabdullin, Rector, Kazakh-British Technical University

Meiram Begentayev, Rector, Satbayev University **Gulzada Shakulikova**, Rector, Atyrau Oil and Gas University

Canan Aykut Bingöl, Rector, Yeditepe University

Adam Lowmass, Operations Director, Deputy Director General, KPO B.V.

Yuxiang Wei, VP, CNPC Central Asia

Dmitriy Tananykhin, Dean of Oil & Gas Faculty, Saint Petersburg Mining University **Francesca Verga**, Rector's Delegate for Americas and the University Task Force for

Africa, Politecnico di Torino

Moderator: Chingiz Kanapyanov, Board member, International Green Technologies and Investment

Centr

Diana Omarova, Specialist, Kazakh-British Technical University, YP Kazakhstan

Block - INNOVATIVE LEADERSHIP

Independence Hall

Energy Companies: Transformation Models

In a fast-changing industry, energy companies need to adopt new operating models, enter new markets and businesses, and capture new growth opportunities. On the other hand, the energy transformation is changing the structure of the global energy sector. What are the main trends for the transformation of energy giants? Energy corporations are exploring new renewable energy sources, how does this issue affect to the modern models of energy companies?

Keynote Speakers: Frode Ljones, Country Chair, TotalEnergies

Alex Stilovato, Managing Director, Arm Wind LLP (Eni Renewable Company)

Ivan Marten, CPC Member/Non-Executive Director, TUBACEX

Ramazan Zhampiisov, Head of Low Carbon Development Department, KazMunayGas Yana Voroninskaya, Chief Specialist, Gazprom Neft Science and Technology Center

Moderator: Gul Ugurluer, Manager, Sectoral Analysis, Turkish Petroleum

Block - ENERGY & SOCIETY

Abay Hall

Climate Change: Beyond Government Regulation

There is no doubt that the global climate is changing. The average annual temperature increase causes deglaciation and the rise of the global ocean level. In this regard, the consistent activity of oil and gas companies aimed at minimizing the impact on the environment is of great importance. The leading industry players have achieved some success in combating climate change but this experience requires further proliferation, development, and multi stakeholder cooperation.





Keynote Speakers: Khaled W. Al-Deyain, CPC member, WPC

Ali Rahneshin, Commercial Senior Analyst, Nouri Petrochemical Complex

Milovan Fustic, Professor, Nazarbayev University

Moderator: Amjad Al Shukri, Exploration Geoscientist, PDO

SEP 30 15:00 – 16:00 Block – INNOVATIVE LEADERSHIP

Al Farabi Hall

The Power of Inclusion: Transforming Gender Diversity into Winning Results

Despite making up an estimated 48% of the global labour force, currently women only account for 22% of the oil and gas sector. This is at a time when companies across the globe are starting to understand that greater diversity improves their ability to innovate and adapt, particularly important for the energy sector as it prepares to embrace new digital technologies and undergo a major structural transformation.

This session will look at the role of gender parity and wider inclusion programmes and how their results are proving to be a strategic driver in strengthening business performance.

Keynote Speakers: Ilham Al Aisari, Head of Human Capital Management, OPAL

Sholpan Altybayeva, HR General Manager, Chevron Eurasia

Kseniya Babushkina, Partner, E&Y Kazakhstan Sarah Beattie, Project Manager, WPC Secretariat

Delara Heidari, Law Expert, Iranian Offshore Engineering and Construction Company

Vlada Streletskaya, Director, WPC Russian National Committee

Moderator: Diana Omarova, Specialist, Kazakh-British Technical University, YP Kazakhstan

Block - SUSTAINABLE TECHNOLOGIES

Independence Hall

Meeting the Hydrogen Supply Challenge

Low carbon hydrogen can be an excellent source of clean energy, which can combat global climate change and poor air quality. Hydrogen based economy can be a great opportunity for a many countries to decarbonize their sectors of economy. However, there are still some barriers to the realization of a hydrogen-based economy, which includes large-scale hydrogen production cost, infrastructure investments, bulk storage, transport & distribution, safety consideration, and matching supply-demand uncertainties. How to include the hydrogen in global energy mix? How to develop the multi-sector hydrogen supply chain? What is the role of policies in support of a multi-sector global hydrogen economy?

Keynote Speakers: Iva Brkic, Project Lead, Economic Affairs Officer, UNECE

Fabrizio Menegazzo, Technical Manager, Deputy RM and Deputy MD,

Agip Karachaganak B.V.

Natalya Devleshova, Chief Specialist, Gazprom Neft Science and Technology Center

Saule Zholdayakova, Acting Head of Hydrogen Energy Competence Center

Moderator: Maram Al Balushi, Geologist, Ministry of Energy and Minerals

Block - ENERGY & SOCIETY

Abay Hall

Energy Financing: How to Meet Energy Demand

The energy transition poses ambitious practical challenges for financing green energy projects to ensure smooth and successful transit. Full transition to renewable sources by 2050 and net-zero will



require hundreds of trillions of dollars. All this places very high demands on approaches to financing in the required volumes.

The implementation of this set of issues and the achievement of the goals will require an appropriate, widely developed and effective system of financing and support, which is being formed at the present stage. This system includes along with traditional methods, new financial technologies and tools (for example, green blockchains, etc.).

Keynote Speakers: James McFarland, Director, Valeura Energy Inc.

Azamat Assanov, Chief Financial Officer, Ural Oil&Gas

Diaz Baiseitov, Country Manager, UN Private Financing Advisory Network

Zhanar Gilimova, Reinvestment Manager, Finance Chevron Eurasia Business Unit

Moderator: Erfan Hasheminasab, Energy Planning Expert; Planning & Budget Organization

SEP 30 16:00 – 16:30 <u>Awarding the winners of StudentDigitalFest</u> Abay Hall

SEP 30 16:30 – 18:00 CLOSING SESSION

Independence Hall

Keynote Speakers: Pedro Miras Salamanca, WPC President

Uzakbai Karabalin, Deputy Chair, KAZENERGY Association

Video Contest Awarding Ceremony

Maratbek Gabdullin, Rector, Kazakh-British Technical University

Meiram Begentayev, Rector, Satbayev University

Gulzada Shakulikova, Rector, Atyrau Oil and Gas University

Closing Speeches:

Diana Omarova, Specialist, Kazakh-British Technical University, YP Kazakhstan

Lesana Kurbonshoeva, WPC YPC Chair

Moderator: Marat Birimzhan, Regional Partnership Director, AIFC

SEP 30 19:00 - 21:30 Gala Dinner

"Esperanza" Restaurant, Seifullin str. 481





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OCT 01 09:00 – 10:00 Social action: tree planting Kazakh-British Technical University

OCT 01 09:00 – 14:00 Congress Programme Committee Meeting (open to observers) Al Farabi Hall

OCT 01 10:00 - 14:00

Cultural program: city tour No. 1

OCT 01 15:00 – 18:30 WPC Young Professionals Committee meeting (open to observers) AI Farabi Hall

OCT 01 15:00 - 18:30

Cultural program: city tour No. 2

OCT 01 19:00 – 21:00 WPC Members Reception (for WPC members only)

OCT 02 08:30 – 13:00 WPC Executive Committee Meeting (EC members only) Al Farabi Hall

OCT 02 13:30 – 18:00 WPC Council Meeting (open to observers) Independence Hall

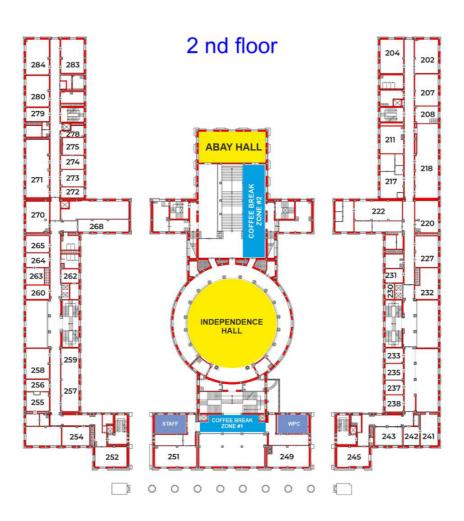


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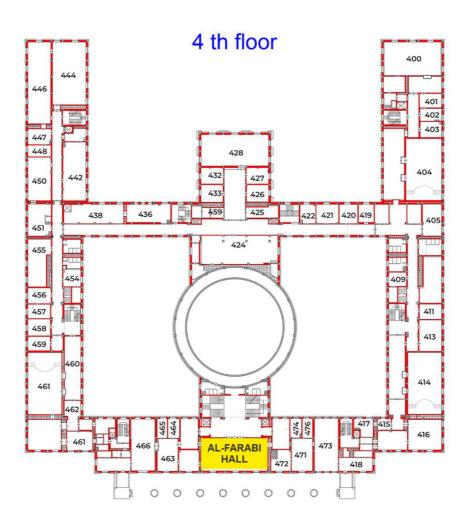
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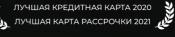
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