



OGU 2012
16th Uzbekistan International Oil & Gas Conference
15-17 May 2012
InterContinental Tashkent Hotel, Uzbekistan



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PRE-CONFERENCE DAYS

Monday, 14 May

16:00 - 17:30 **Official OGU 2012 Press Conference**
“Dome”, 10th floor, InterContinental Tashkent Hotel

Tuesday, 15 May

11:00 **OGU 2012 Exhibition Opening Official Ceremony**
Pavilion № 1, UzExpocentre

13:00 - 16:00 **Pre Conference Registration**
Khiva hall, Mezzanine floor, InterContinental Tashkent Hotel

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13:00 - 14:00 **Roundtable participants registration**
Khiva hall, Mezzanine floor, InterContinental Tashkent Hotel

ROUNDTABLE

THE IMPACT OF ENERGY EXPORTS FROM CENTRAL ASIA ON THE PROSPECTS OF POLITICAL AND ECONOMIC DEVELOPMENT OF THE REGION *(for sponsors only)*

Organized by: Centre for Political Studies, NHC Uzbekneftegaz, ITE Group
Venue: “Navoi” Hall, 7th floor, International Business Centre, Amir Temur Street, 107B



Moderator: **Shavkat Majitov, First Deputy Chairman of the Board of the National Holding Company (NHC) “Uzbekneftegas”**

14.30-14.40 Welcome speech by **Rustam Makhmudov**, Deputy Director of the Center for Political Studies

14.40-14.50 Welcome speech by **Shavkat Mazhitov**, First Deputy Chairman of the Board of the National Holding Company (NHC) “Uzbekneftegas”



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14.50-15.50 SESSION 1: THE STATE OF THE RESOURCE BASE AND THE PROSPECTS FOR ENERGY EXPORTS FROM CENTRAL ASIA, THEIR INFLUENCE ON THE DEVELOPMENT OF THE REGION ON THE BACKGROUND OF GLOBAL ECONOMIC CRISIS

- 14.50-15.00 Speech by **Faouzi Bensarsa**, Senior Advisor Energy European Commission
- 15.00-15.10 Report by **Luigi Iperti**, President of Italy-Uzbekistan Chamber of Commerce (CIUZ)
"The role of energy in the Uzbekistan international trading"
- 15.10-15.50 Discussion
- 15.50-16.10 Coffee break

16.10-17.30 SESSION 2: DEFINING CURRENT AND FUTURE ROLE OF THE ENERGY FACTOR IN THE FRAMEWORK OF GEOPOLITICAL PROCESSES IN CENTRAL ASIA

Moderator: **Rustam Makhmudov, Deputy Director of the Center for Political Studies**

- 16.10-16.20 Report by **Dr. Bertrand Malmendier**, Chairman of the Centre for Social-Conservative Politics of the political party "United Russia" in the European Union
"Recent developments in linking the European and Asian energy markets with the Central Asian gas reserves and the resulting consequences for the future energy supply of industrialized countries from the European perspective"
- 16.20-16.30 Report by **Thomas Minnich**, Senior Investment Specialist, Asian Development Bank
"Uzbekistan's comparative advantages in supplying energy to the region"
- 16.30-17.20 Discussion
- 17.20-17.30 Results

18:30 OGU 2012 Exhibition and Conference Gala Reception and Awards Ceremony
Amir Temur Hall, Mezzanine floor, InterContinental Tashkent Hotel

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MODERNISATION OF UZBEKISTAN'S OIL AND GAS INDUSTRY

Conference day 1

Wednesday, 16 May

08:00 Registration
Amir Temur Hall, Mezzanine floor, InterContinental Tashkent Hotel

Sponsor:



Welcome Coffee Break

Sponsor:



09:00 SESSION 1: UZBEKISTAN'S OIL AND GAS INDUSTRY - OPPORTUNITIES AND PRIORITIES IN 2012

- The role of Uzbekistan as one of the key Central Asian exporters of hydrocarbons and products from their processing
- An overview of the industry's position in 2012
- Key industry priorities for 2012 - 2020

Chairman:

Michael Hartley, Non-executive Director, ITE Group Plc, UK

Co-Chairman:

Shokir Fayzullayev, Chairman "Uzbekneftegaz", Deputy Chairman of the Board of Directors, NHC "Uzbekneftegaz", Uzbekistan

Official Welcome Address:

Gulomjon Ibragimov, Deputy Prime Minister, Chairman of the Board of Directors, NHC "Uzbekneftegaz", Uzbekistan

Michael Hartley, Non-executive Director, ITE Group Plc, UK

Keynote Address:

Lakshmi Venkatachalam, Vice-President, Private Sector and Cofinancing Operations, Asian Development Bank
"Continuing progress within Uzbekistan's gas sector industry development"

Speakers:

Rustam Makhmudov, Deputy Director, Center for Political Studies, Uzbekistan
"The impact of political and economic factors on the global oil and gas market in 2012"

Fauzi Bensarsa, Senior Advisor-Energy-European Commission "EU-Uzbekistan Energy Cooperation"
"EU-Uzbekistan energy cooperation"

Ulrich Benterbusch, Director of Global Energy Dialogue, International Energy Agency
"Caspian Oil and Gas Developments"

Dr. Hossein Esmaili Shahmirzadi, General Director of Europe, America and Caspian Sea neighbouring Countries, Ministry of Petroleum, Iran
"Iran and Caspian Sea Energy"

Vladimir Lapikov, Adviser to the Minister, Ministry of Energy of the Russian Federation
"Oil and gas industry in Russia: yesterday, today and tomorrow"



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Rupert Joy, HM Ambassador of the United Kingdom for Uzbekistan
“The UK experience of oil and gas development”

Bertrand Malmendier, Chairman of the Centre for Social Conservative Politics of the political party “United Russia” in the European Union
“Energy cooperation between the EU, Russia and Uzbekistan: recent developments in linking the European market with the Central Asian gas reserves”

POSTER PRESENTATIONS

Irina Ivonina, Head of Department, "UzLITneftgaz"
“Modernization of enterprises and development of oil and gas industry of Uzbekistan in the reforming economy”

Akhrorbek Saydakhmedov, “Neftegazinvest”
“Social partnership in Uzbekistan”

Gulmira Tarakhtiyeva, senior lecturer, department of Management, TashGTU named after A. R. Beruni, Uzbekistan
“The formation of Innovative clusters in oil and gas industry during its modernisation”

11:00 Coffee Break

Sponsor:



11:30 SESSION 2: PRIORITY AREAS OF COOPERATION IN THE INDUSTRY. INVESTMENT OPPORTUNITIES

- Investment climate in Uzbekistan
- Key industry partnerships and how they develop
- Opportunities in “Navoi” Free Industrial Economic Zone

Chairman: **Shavkat Mazhitov**, First Deputy Chairman “Uzbekneftegaz”, Chairman of the conference organizing committee

Co-Chairman: **Dr. David Robson**, Chairman, President and Chief Executive Officer, Tethys Petroleum Limited

Speakers:

Dzhamshid Abdurakhimov, acting Deputy Director of “UzInfoInvest” agency under the Ministry of External Economical Relationship, Investment and Trade of the Republic of Uzbekistan
“The investment climate and opportunities in Uzbekistan”

Dr. David Robson, Chairman, President and Chief Executive Officer, Tethys Petroleum Limited
“The Role of Independents in the Development of Uzbekistan’s Oil and Gas Resources”

Luigi Iperti, President of Italy-Uzbekistan Chamber of Commerce (CIUZ)
“Shale gas revolution: what will happen in Uzbekistan?”

Liao Na, Information Director, C1 Energy
“Insight into China’s oil and gas growth”



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Ayuna Nechaeva, Business Development Manager - Russia, CIS & Mongolia, Equity Primary Markets, London Stock Exchange

“Capital raising opportunities in London for Uzbekistani companies”

Temur Khamitov, Deputy head of External Economic Affairs, “Uzbekneftegaz”

“Prospects and possibilities of investing in oil and gas projects in “Navoi” FIEZ”

12:50 Networking Lunch

Restaurant “Brasserie on the Park”

Sponsor:



14:10 SESSION 3: KEY OIL AND GAS PROJECTS UPDATE

- Oil and gas projects in Uzbekistan – current state and prospects for cooperation
- Lukoil projects in Uzbekistan

Chairman:

Umidzhan Israilov, Head of External Economic Affairs, “Uzbekneftegaz”

Speakers:

Timur Gaynanshin, Head of oil and gas exploration, LUKOIL Uzbekistan Operating Company LLC

“LUKOIL - 8 years of successful work in Uzbekistan. Results and development prospects”

Rakhimzhon Sidikkhodzhaev, chief specialist of the Agreement implementation group under the Ministry of Economy, Uzbekistan

“The investment projects of Lukoil in Uzbekistan”

Zhurabek Mirzamakhmudov, Deputy chief of General Directorate “Uzbekneftegaz”, Director of “Neftegazinvest”

“Status and prospects of cooperation with foreign partners in the oil and gas sector of Uzbekistan”

Prof. Alimdzhani Zakirov, chief specialist of the JV “Dzharkurgan-Nefteprodukt”, “Uzneftegazdobycha”

“Improving oil and gas projects on the basis of Production Sharing Agreement”

15:10 Coffee Break

Sponsor:



15:30 SESSION 4: THE PROSPECTS FOR THE NATURAL GAS CHEMICAL INDUSTRY. HYDROCARBON PROCESSING

- Gas chemical Industry priorities
- GTL project - update on FEED-2. Prospects for synthetic fuels production
- New technologies for the natural gas chemical industry
- Deep hydrocarbon processing industry – the development prospects

Chairman:

Prof. Sadridin Turabzhanov, Rector, Tashkent Institute of Chemical Technology, Uzbekistan

Co-Chairman:

Igamberdy Saydakhmedov, Deputy Director - Acting Director of Gubkin Russia State University branch in Tashkent



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Speakers:

Jannie Scholtz, General Manager, Technology and Strategy, Sasol New Business Development
"GTL – a real gas commercialisation option"

Thomas Minnich, Senior Investment Specialist, Asian Development Bank
"Funding through International Project Finance"

Simona Bonetti, Engineering Manager, Technip
"UzGTL FEED2 Project"

Azrul Osman Rani, Business Director, Uzbekistan GTL LLC
"UzGTL – project challenges, project opportunities"

Leonid Yevdokimov, First Deputy Chairman, "Uz-Kor Gas Chemical"
"Prospects of hydrocarbon deep processing based on a case study of Ustyurt refinery"

Zokir Salimov, Institute of general and inorganic chemistry, Uzbekistan Academy of Science, Shamshidinkhuzha Saydakhmedov, Director of Bukhara refinery, "Uznefteproduct"
"New technology - dry distillation of liquid hydrocarbons"

Basit Khamidov, Institute of General and Inorganic Chemistry, Uzbekistan Academy of Science
Bakhadir Toshtemirov, Director of "Fergana refinery", JSC "Uznefteproduct"
"Production of lubricants from local raw material base and technological modernisation of Fergana refinery"

POSTER PRESENTATIONS

Sardorbek Saydakhmedov, Acting Manager of JSC "Uznefteproduct"
"Production of gasoline-methanol mixtures"

Olim Abdurakhmanov, Institute of General and Inorganic Chemistry, Uzbekistan Academy of Science
"Improving the efficiency of oil and gas mixture rectification"

Absalom Khudayberdiyev, Tashkent State Technical University named after A.R. Beruniy
"Improving the efficiency of heat exchange processes in the primary distillation of oil-gas mixtures with dehydrated hot streams"

17:05 Chairman's closing remarks

17:10 End of Conference Day 1

17:15 Visiting Exhibition OGU 2012

18:30 Official Conference and Exhibition Evening Reception
Chrysal Ballroom, Ground floor, InterContinental Tashkent Hotel

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Conference day 2

Thursday, 17 May

08:00 Registration
Amir Temur Hall, Mezzanine floor, InterContinental Tashkent Hotel

Sponsor:



Welcome Coffee Break

08:40 SPECIAL TECHNICAL SESSION: CURRENT PROBLEMS AND SOLUTIONS CONCERNING THE DEVELOPMENT OF OIL AND GAS RESERVE POTENTIAL

Session organisers:



- Geological structure and petroleum potential evaluation of hydrocarbon reserves
- Problems and solutions associated with development of new and existing hydrocarbon reserves
- New seismic and geophysical process solutions
- Modeling of hydrocarbon deposits

Chairmen:

Prof. Anvar Adylkhodzhayev, Rector, Tashkent State Technical University named after A.R. Beruniy

Prof. Tashpulat Babadjanov, General Director, JSC "Uzbekgeofizika", "Uzgeoburneftegaz"

Speakers:

Prof. Asror Abidov, Head of Department, Tashkent State Technical University named after A.R. Beruniy, Tashpulat Babadjanov and others
"On current problems of discoveries of large hydrocarbon reserves and their solutions"

Prof. Gaybulla Abdullayev, Director, Institute of Geology and Exploration of Oil and Gas fields, "Uzbekneftegaz"
"Creating a reliable hydrocarbon resource base in the long term, innovations in exploration"

Rosemary Johnson Sabine, Vice President Exploration, Tethys Petroleum Limited
"Exploration potential of the North Ustyurt basin"

Vasiliy Shein, Russian Research Institute of Petroleum Geology, Russia
"Plate-tectonic zoning and petroleum potential of the large regions in Russia"

Baltabek Kualdykov, President "Meridian Petroleum", Bazar Eskhozha, Director of Geology and Geophysics department, "KazMunaiGas" Exploration Production", Kazakhstan
"Targeted study of sedimentary basins in Kazakhstan - the basis of increasing the potential of the Republic's oil and gas industry"

Viktor Ermolkin, Vagif Kerimov, Gubkin Russia State University
"The phase zoning of formation and distribution of hydrocarbons accumulation in the crust"

Prof. Viktor Gavrilov, Gubkin Russia State University
"Plate-tectonic evolution of the North Ustyurt in connection with pre-Jurassic oil and gas deposits"



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Prof. Tashpulat Babadjanov, General Director, JSC “Uzbekgeofizika”, “Uzgeoburneftegaz”
“Deep geological structure and petroleum potential of pre-Jurassic formations of the Aral-Ustyurt region”

Ural Akchulakov, Deputy Director “Ak-Ay Consulting”, Anuarbek Bigarayev, Deputy Director “MunaigazgeolSERVICE”, M. Kuanyshev, S. Ozdoyev, T. Paragulgov “SP Tenge”, E. Fazylov, Institute of Geological Sciences named after K. Satpayev
“The Aral Sea basin - the structure and petroleum potential”

POSTER PRESENTATIONS

Vladislav Melikhov, VSEGEI, Russia
“Prospects of gas content and assessment of undiscovered gas resources in South-East Turkmenistan”

Akhmet Timurziyev, Russian Academy of Natural Sciences, Deputy Chief of Geophysics "Central Geophysical Expedition", Russia
“Structure and genesis of platform folding in Western Siberia in the light of new data on the regional appearance of tectonic displacement”

Prof. Khabibulla Akhbarov, Tashkent State Technical University named after A.R. Beruniy
“Mineral resources - the foundation of the economy of Uzbekistan”

Prof. Sultanboy Khusanov, Gubkin Russia State University branch in Tashkent, Alexander Gonchar, Institute of Geology and Geophysics of the Academy of Sciences, Uzbekistan
“Upper Paleozoic in Uzbekistan - as a new target for hydrocarbon exploration”

Hurshid Abidov, lead geophysicist, "Uzbekgeofizika"
“A new look at the geological structure of lower Jurassic deposits of Sudochie depression and ways of developing its oil and gas potential”

Ikrom Atabekov, “Uzneftegazinformatika”, Alinazar Hadzhimetov, Gubkin Russia State University branch in Tashkent
“Numerical modeling of mixed genetic oil generation”

11:00 Coffee Break

**11:30 TECHNICAL SESSION 2: PRODUCTION TECHNOLOGIES.
TECHNICAL SOLUTIONS FOR PRODUCTION CAPACITIES IN THE OIL AND GAS INDUSTRY**

- The development of deep oil reserves
- Technologies for enhancing oil recovery in difficult-to-extract oil reserves
- The application of new technologies in gas processing
- Innovative ideas and technology for oil and gas production

Chairmen: **Odinuzha Parpiyev**, Vice Chairman, Director of the Committee for Coordination of Science and Technology development under the Cabinet of Ministers, Uzbekistan
Igamberdi Saydakhmedov, Deputy Director, Executive Director of Gubkin Russia State University branch in Tashkent

Speakers:

Bill Dethloff, Vice President, Gas Processing Technology, Red Mountain Energy
“Western approach to gas processing”



Erkin Irmatov, Azamzhon Zakirov, senior researchers of "UzLITneftgaz", Avaz Akzamov, chief technology officer "Gissarneftegaz", "Uzneftegazdobycha", prof. Bakhtiyer Khuzhayerov, Director of Integrated Research Institute RP, Samarkand Branch Uzbekistan Academy of Science
"Characteristics of deep oil field development under abnormally high reservoir pressure"

K. Tarayan, "Liberta Tashkent", prof. Sayfulla Khamrayev, Institute of General and Inorganic Chemistry, Uzbekistan Academy of Science
"The way of enhancing oil recovery from watered shelf"

Mirakhmat Yunusov, Research Institute of Chemistry and Pharmacy named after A. Sultanov, Uzbekistan
"Investigation of synthesis conditions for trimetal aluminumcobalt – nickelmolybdenum catalyst of hydroprocesses"

POSTER PRESENTATIONS

Toir Rakhmonov, chief designer, Uzbekkhimmash plant, "Uzneftegazmash"
"Research and development of degasser of saturated solutions with high surface degassing"

Prof. Ulmas Mamadzhonov, "UzLITneftgaz"
"Innovative ideas and technologies"

Shukhrat Salikhov, A. Chernyshev, Institute of Mathematics and Information Technologies, Uzbekistan Academy of Sciences
"On the development of indicator identifying the front of moving condensate in the pipeline"

Marufdzhan Musayev, dean of Oil and Gas faculty, A. Khudayberganova, Tashkent State Technical University named after A.R. Beruniy
"Solutions for the recovery of oil-contaminated soil with the use of modern technology"

12:40 Light Lunch
Pre-function room, Amir Temur Hall

Sponsor:



13:50 TECHNICAL SESSION 3: ALTERNATIVE SOURCE OF OIL PRODUCTS – OIL SHALE

- The use of oil shale in the industry
- Joint refining of oil shale products and oil

Chairmen: **Dr. Shamshidinkhuzha Saydakhmedov**, Director of Bukhara refinery, "Uznefteproduct"
Asad Yusupkhodzhayev, "Uzbekneftegaz"

Speakers:

Maksud Isokov, Director, Scientific Research Institute of Mineral Resources, Committee for Geology and Mineral Resources of the Republic of Uzbekistan
"Prospects for developing oil shale as a resource for petrochemical, chemical, metallurgical and construction industries of the Republic of Uzbekistan"

Makhmudzhon Nazarbekov, Uztyazhneftegazhimproekt Institute under the Ministry of Economy, Uzbekistan
"Technological capabilities of the joint refining of oil and oil shale products"



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**14:20 SESSION 5: LINKING EXPORT CAPABILITIES WITH DEMAND OPPORTUNITIES.
THE DEVELOPMENT OF HYDROCARBON TRANSPORTATION**

- Expansion of gas transportation system in Uzbekistan
- The impact of developments in European and Asian gas markets on Uzbekistan export
- The use of new technology in the gas transport sector

Chairman: **Alisher Shaykhov**, Chairman, Chamber of Commerce of the Republic of Uzbekistan
Co-Chairman: **Tulyagan Zhurayev**, General Director, "Uztransgaz", "Uzbekneftegaz"

Speakers :

Bakhodir Eshmuratov, First Deputy Director, leading engineer, "Uztransgaz"
"Combined technology system for the transportation and sale of natural gas. Expansion of gas transportation system"

Simon Pirani, Senior research fellow, Natural Gas Research Programme, Oxford Institute for Energy Studies
"Changes in the European and Asian gas markets, and implications for Uzbekistan"

Abdubakhrom Vakilov, Deputy Head of "Asia Trans Gas"
"Developing transport infrastructure by using new advances in the gas transportation to increase gas export"

15:20 Coffee Break

15:40 SESSION 6: ECOLOGY AND SAFETY IN THE INDUSTRY

- Energy efficient and environmentally friendly technologies in the oil and gas industry
- Industrial safety in the oil and gas sector of Uzbekistan
- Environmental education in higher education system

Chairman: **Shavkat Mazhitov**, First Deputy Chairman "Uzbekneftegaz", Chairman of the conference organising committee

Co-Chairman: **Bakhrom Alimov**, Head of Inspections for oil and gas industry, "Sanoatgeokontekhnazorat"

Speakers :

Acad. Mashkhura Mavloniy, head of laboratory, Institute of Microbiology, Academy of Sciences of the Republic of Uzbekistan
"Small-tonnage corrosion inhibitors production for protection of metal structures in the oil and gas Industry"

Nafisa Salidzhanova, head of laboratory, "UzLITINeftgaz"
"Solution for biocorrosion in heat exchange systems"

Farkhod Yusupov, head of laboratory, Institute of General and Inorganic Chemistry, Uzbekistan Academy of Science
"Pontoon technology for loss reduction from evaporation of hydrocarbons in the storage tanks with automatic fire suppression"



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Nigora Umarova, Tashkent State Technical University named after A.R. Beruniy
“Environmental education in higher technical education system”

POSTER PRESENTATIONS

Pulat Arifov, Institute of General and Inorganic Chemistry, Uzbekistan Academy of Science
“Fire resistant coatings for metal structures, pipelines and storage tanks”

Islam Mamedov, Chief process engineer, “Uzgosneftegazinspektsiya” state inspection
“The effect of the ABH reagent on hydrogen absorption and corrosion of steel”

Umida Ziyamukhamedova, Elnora Yusupkhodzhayeva, Tashkent State Technical University named after A.R. Beruniy
“Current status and prospects for increasing the longevity of oil and gas equipment with effective protection against corrosion and wear”

Bekzod Musayev, engineer, “UzLITINEftgaz”, Nasirilla Ibragimov, associate professor, department of Environmental Protection, Marufdzhan Musayev, dean of Oil and Gas faculty, Tashkent State Technical University named after A.R. Beruniy
“Solutions for trapping of volatile hydrocarbon substances appearing in reservoirs during storage and transportation of petroleum and its products”

16:40 **Riad Ibragimov**, Director of “SERT MANAGEMENT” (branch of German certification organisation TÜV International Certification, TÜV Thüringen e.V.)

Ceremony of issuing international certificates:

«O’ZLITINEFTGAZ»
«Uztransgaz»
«Uzneftegazstroyinvest»
«Tashneftegazstroy»
Fergana Oil refinery
Bukhara Oil refinery
«Uzbekkhimmash»
«Dzharkurganneft»

16:50 **Chairman’s closing remarks**

17:00 **End of the Conference**



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