

# Baku Summer Energy School 2023 Program

1 July, SATURDAY

## ARRIVALS

2 July, SUNDAY

09:00 – 12:00

City Tour with Mr. Fuad Akhundov

18:00  
19:00

Departure to Retro Resort from ADA University  
**Welcome reception at Retro Resort, Bilgeh**

3 July, MONDAY

09:30 – 10:00

Registration

10:00 – 10:30

## WELCOMING REMARKS

Amb. Hafiz Pashayev, Rector of ADA University

Dr. Elnur Soltanov  
Deputy Minister, Ministry of Energy of the Republic of Azerbaijan

Mr. Rovshan Najaf  
President, State Oil Company of the Republic of Azerbaijan (SOCAR)

Mr. Gary Jones  
bp Regional President for Azerbaijan, Georgia, Türkiye

\*The program content may be subject to change.

3-14 July 2023

## **OIL AND GAS FUNDAMENTALS**

*This session will focus on the geological aspects of oil and natural gas production, discussing conventional methods and supply trends, as well as the expanding production of unconventional oil and gas. Given the environmental burden it entails, the session will also cover related technological innovations in the field.*

10:30 – 11:30

### **Hydrocarbon Cycle: Formation, Exploration, Transportation, and Consumption**

Mr. Nazim Abdullayev

Senior Exploration Geoscientist, bp AGT Region and Prospect Analysis  
Advisor for Eastern Hemisphere

Coffee Break

12:00 – 13:00

### **Unconventional Hydrocarbons: Blessings of Technology and Problems of Environment**

Mr. Nazim Abdullayev

Senior Exploration Geoscientist, bp AGT Region and Prospect Analysis  
Advisor for Eastern Hemisphere

Luncheon

14:00 – 15:15

### **Historical Milestones in the Development of the Caspian Hydrocarbon Resources**

Mr. Elchin Baghirov

Deputy Chief Geologist, SOCAR

Coffee Break

15:45 – 17:00

### **Overview of the Eurasian Energy System: Reserves, Flows and Trends in the Wider Region | Part I**

Dr. Michael Denison

Head of International Advisory Team, bp

**ECONOMICS OF ENERGY, GEOPOLITICS AND STRATEGY**

*The session will analyze the determinants of energy prices as well as their economic impact. It will investigate the economics of upstream, midstream, and downstream segments of the oil and gas industry. We will also discuss Geopolitical issues, including the strategy development of energy companies.*

10:00 – 11:15

**Azerbaijan's Indispensability in Regional Energy Geopolitics**

Mr. Damjan Krnjevic  
Director for Policy Research, Analysis and Publications, IDD  
Professor of Practice, ADA University

Coffee Break

11:45 – 13:00

**Overview of the Eurasian Energy System: Reserves, Flows and Trends in the Wider Region | Part II  
Formation of Energy Company Strategy**

Dr. Michael Denison  
Head of International Advisory Team, bp

Luncheon

14:00 – 15:15

**Economics of Crude Oil**

Mr. Ahmad Humbatov  
Senior Fellow, Energy and Sustainable Development Program, IDD  
Instructor, ADA University

Coffee Break

15:45 – 16:30

**Economics of Natural Gas**

Mr. Ahmad Humbatov  
Senior Fellow, Energy and Sustainable Development Program, IDD  
Instructor, ADA University

## **ENERGY LAW AND DIPLOMACY**

*Energy diplomacy is a foreign policy instrument and safeguard of economic and energy security. It also impacts the oil and gas contracts that play major role in the energy exploration and production. There are a number of different instruments available to producing states and investing companies, each with different economic and political implications. The session will examine energy diplomacy and its role in the legal framework in the energy industry.*

10:00 – 11:15

### **Legal Framework in the Energy Industry**

Dr. Martin Švec

Head of the Department of Energy Law, Faculty of Law, Masaryk University

Coffee Break

11:45 – 13:00

### **Energy Charter Treaty Modernization**

Amb. Dr. Urban Rusnak

Ministry of Foreign and European Affairs of the Slovak Republic

Luncheon

14:00 – 15:15

### **Energy Transition Diplomacy**

Amb. Dr. Urban Rusnak

Ministry of Foreign and European Affairs of the Slovak Republic

15:30

Departure from ADA University to Heydar Aliyev Museum

**GOVERNANCE OF OIL AND GAS REVENUES**

*When managed prudently, energy and mining investments and revenues can sustain development and make a lasting positive impact on the economy and life of citizens. However, without proper policies, frameworks, and oversight, these investments have the potential to destabilize public financial management systems, bring negative economic, environmental, and social impacts. The session will be dedicated to natural resource governance, including the “resource curse” concept and Azerbaijan’s experience in this regard.*

10:00 – 11:15

**Natural Resources and Economic Development**

Dr. Sarvar Gurbanov  
Assistant Professor, ADA University

Coffee Break

11:45 – 13:00

**Investment Strategies**

Dr. Vitaliy Baylarbayov  
Deputy Vice-president of SOCAR for Investments and Marketing

Luncheon

14:00 – 15:15

**Natural Resource Revenues Governance in Azerbaijan**

Mr. Rovshan Javadov  
Deputy CEO, State Oil Fund of Azerbaijan (SOFAZ)

Coffee Break

15:45 – 17:00

**Energy Transition is Now: Equinor’s Responses**

Mr. Alibaba Aliyev  
Manager Communications & External Affairs, Equinor Azerbaijan

7 July, FRIDAY

**ENERGY, CLIMATE CHANGE AND SUSTAINABLE DEVELOPMENT**

*Energy affairs, sustainable development and climate change are closely interrelated. This session will examine the transformation of the global energy system through the lens of sustainable development and climate change. It will also study how the global climate change might impact the Caspian region and Azerbaijan in particular.*

10:00 – 11:15

**Sustainability, Climate Change, and Transition in Global Energy**

Mr. Chingiz Mammadov

UNDP Senior Program Advisor / Focus area: Energy, environment, climate change and resilience

Coffee Break

11:45 – 13:00

**Diversifying Azerbaijan's Energy Mix and Economics of Renewables**

Mr. Ahmad Humbatov

Senior Fellow, Energy and Sustainable Development Program, IDD  
Instructor, ADA University

Luncheon

14:00 – 15:15

**Energy Security and Sustainable Development as Part of the Security Challenges**

Dr. Fatih Barış Altunyuva

Presidency of the Republic of Türkiye, Investment Office, Unit Manager

Coffee Break

15:45 – 17:00

**Regional Cooperation for Sustainable Development: An Engineering Perspective**

Mr. Barış Altıparmak

General Manager, Kolin Azerbaijan

8 July, SATURDAY

**FERRY TRIP TO AKTAU, KAZAKHSTAN**

9 July, SUNDAY

19:00

Welcome Dinner organized by the General Consulate of Azerbaijan in Aktau, Kazakhstan

10 July, MONDAY

10:00 – 10:30

**WELCOMING REMARKS**

Mr. Nurlan Nogaev  
Governor of the Mangystau Region of the Republic of Kazakhstan  
Former Minister of Energy of the Republic of Kazakhstan

Ms. Nargiz Ismayilova  
Head of Executive Education, Institute for Development and Diplomacy  
ADA University

10:30 – 11:45

**ENERGY DEVELOPMENTS IN KAZAKHSTAN**

*In this session Kazakhstan's energy resources, including alternative energy potential, transportation routes of the country as well as geopolitical approach to Kazakhstan and Azerbaijan will be analyzed.*

**Challenges and Opportunity of Geological Expansions for Petroleum Industry in Kazakhstan**

Dr. Rinat Iskakov  
Science and R&D Executive, Atyrau Oil and Gas University

Coffee Break

12:15 – 13:30

**Holistic Geopolitical and Geo-Economic Approach to the Trans-Caspian Region**

**Prof. Michael Reynolds** & **Prof. Damjan Krnjevic**  
Associate Professor of Near Eastern Studies and Co-Director of the Program in History and Practice of Diplomacy, Princeton University  
Director for Policy Research, Analysis and Publications, IDD  
Professor of Practice, ADA University

Luncheon

14:30 – 15:45

**Kazakhstan Alternative Energy Export Routes Strategy**

Dr. Abzal Narymbetov  
Founder of Energy Analytics

Coffee Break

16:15 – 17:30

**Transportation Routes of Kazakhstan Oil**

Erbolat Mendybaev  
Head of the Transportation and Logistics Department, Oil Transportation Department of NC "KazMunayGas" JSC.

**Transport and Logistical Potential of the Mangystau Region**

Serik Akhmetov, General Director of Port Kuryk  
Berik Bisaliev, Commercial Director of NMSC Kazmortransflot  
Talgat Nagumanov, Leading Specialist of the Transport Logistics Department of JSC NC "Aktau Commercial Sea Port".

11 July, TUESDAY

**GEOPOLITICS OF ENERGY**

*The session will examine the use of energy resources to promote political and security goals and peace. Particularly, it will discuss whether there is an "oil weapon" and a "natural gas weapon". The sessions will look at the conditions under which supply relationships are vulnerable to political use. It will also study the attempts to use energy infrastructures as tools for conflict resolution, including the so-called "peace pipelines."*

10:00 – 11:15

**Geopolitics of Energy**

Dr. Brenda Shaffer  
Professor, US Naval Postgraduate School

Coffee Break

11:45 – 13:00

**Energy as a Political Weapon**

Dr. Brenda Shaffer  
Professor, US Naval Postgraduate School

Luncheon



3-14 July 2023

14:00 – 15:15

**Simulation: Geopolitics of the Caspian Energy**

Dr. Brenda Shaffer

Professor, US Naval Postgraduate School

Coffee Break

15:45 – 17:00

**Security Threats, Risks and Challenges to Energy Infrastructure in the Caspian Sea**

Mr. Jahangir Arasli

Senior Fellow, Institute for Development and Diplomacy

Former Adviser on International Issues in the Ministry of Defense of the Republic of Azerbaijan

12 July, WEDNESDAY

**ECONOMICS AND GEOPOLITICS OF CASPIAN ENERGY**

*This session provides an overview of the key trends and forces shaping the Caspian energy landscape. It particularly focuses on the economics and geopolitics of the Caspian oil and gas resources and their implications for regional developments.*

10:00 – 11:15

**Energy Diplomacy and the Role of the US in the Realization of the Baku-Tbilisi-Ceyhan (BTC) Pipeline**

Amb. Steven Mann

Former Senior Counselor for International Affairs ExxonMobil

Former US Coordinator and Principal Deputy Assistant Secretary of State

Coffee Break

11:45 – 13:00

**Regional Energy from Geopolitical and Business Perspective**

Amb. Steven Mann

Former Senior Counselor for International Affairs ExxonMobil

Former US Coordinator and Principal Deputy Assistant Secretary of State

Luncheon

14:00 – 15:15

**Caspian's Potential to Resolve the Paradox on Climate Change and Need for Fossil Fuels**

Mr. John Roberts

Energy Security Specialist, Methinks and Senior Fellow, Atlantic Council

15:45 – 18:30

City tour

13 July, THURSDAY

First half-day

Back to Baku and free time  
*Morning flight*

**GREEN ENERGY AND RENEWABLES**

*The session studies green energy, as well as the economics of renewable energy sources and their role in global energy transition. The speakers will also present the current policies and practices in the field of renewables in Azerbaijan; what are the opportunities and challenges. We will also look through how the climate change is impacting Caspian Basin and its role in considering green energy options.*

13:30 – 14:30

**Development of the Renewable Energy Sector in Azerbaijan**

Mr. Kamran Huseynov  
Deputy Director of the Azerbaijan Renewable Energy Agency

Coffee Break

15:00 – 16:00

**The Effects of the Global Climate Change on the Caspian Basin and Azerbaijan**

Ms. Umayra Taghiyeva  
Deputy Minister, Ministry of Ecology and Natural Resources of the Republic of Azerbaijan

16:00 – 17:00

**Presentation on Solar Energy by “Masdar” of United Arab Emirates**

Mr. Murad Sadikhov  
Country Manager, Masdar Azerbaijan

## 14 July, FRIDAY

**THE EUROPEAN ENERGY CRISIS: A MAJOR ROLE FOR THE CASPIAN?**

*The European continent is currently in the middle of a historical energy crisis, mostly driven by high gas prices. The war in Ukraine and sanctions on Russia has further exacerbated the problem and fostered the EU's ambitions to improve its energy security and diversify energy supplies. The session studies Europe's energy crisis and examines the potential role of the Caspian in addressing it.*

10:00 – 11:15

**The EU Energy Crisis: How Did We Get Here and What Are the Solutions?**

Amb. Peter Michalko  
Head of EU Delegation in Azerbaijan

Coffee Break

11:45 – 13:00

**Expansion of the Southern Gas Corridor: Prospects and Challenges**

Mr. Elshad Nasirov  
SOCAR Vice President for Investments and Marketing

Luncheon

14:00 – 15:00

**Energy Perspectives in Central Asia Region**

Ms. Nodira Mukhammadkulova  
Director of Energy Center, University of World Economy and Diplomacy,  
Republic of Uzbekistan

15:15 – 16:00

**Certificate Ceremony**

presented by  
Mr. Fariz Ismailzade, Vice Rector, ADA University  
Mr. Khalik Mammadov, SOCAR Vice President  
Mr. Bakhtiyar Aslanbayli, bp Vice President for the Caspian region,  
Communications and Advocacy  
Ms. Nargiz Ismayilova, Head of Executive Education, IDD, ADA  
University  
Ms. Hajar Huseynova, Senior Research Fellow, Energy and Sustainable  
Development Program, IDD, ADA University

19:00

**Farewell dinner**

## 15 July, SATURDAY

**DEPARTURES**