ENVIRONMENTAL BRIDGES TO PEACE AND PROSPERITY

November 14 – 15, 2024

ADA University, Ahmadbey Aghaoglu str. 61 Baku, 1008

Draft Program

Pre-Opening Session at the COP29 Green Zone, November 13		
13:00 – 14:00 **AZCHEMCO Stand (B18), Green Zone**		**Conservation Agriculture for the Global South – Needs and Solutions**
- Ambassador Matthew Bryza, Managing Director for the Greater Caspian Region, Straife. - Murat Seitnepesov, President, Greater Caspian Association. - Ruslan Akchurin, CEO, Azchemco. - Dmitry Kalinin, Managing Director, Caspian Week Forum.		This focused pre-opening session at the COP29 Green Zone brings together experts to examine the unique challenges and solutions for conservation agriculture in the Global South. Addressing critical issues such as soil salinization, erosion, and resilience, the session will showcase feasible, technology-driven solutions that support sustainable soil health and agricultural productivity. The program is designed to facilitate knowledge sharing among researchers, practitioners, and policy advocates, promoting actionable insights and collaborative approaches to bolster soil conservation efforts in regions facing severe environmental pressures.
DAY ONE. November 14, 2024		
8:30 – 9:30		**Registration, Light Breakfast and Networking**
9:30 – 10:00 **Large Auditorium**	**1**	**GRAND OPENING**
- Ambassador Hafiz Pashayev, Founding Rector, ADA University. - Elnur Soltanov, CEO of COP29, Deputy Minister of Energy of the Republic of Azerbaijan. - Dr. Fariz Ismailzade, Director, Institute for Development and Diplomacy; Vice Rector, ADA University; Member of Parliament, Deputy Chair of the Education and Science Committee. - Ambassador Matthew Bryza, Managing Director for the Greater Caspian Region, Straife. - Murat Seitnepesov, President, Greater Caspian Association.		This forum convenes at a pivotal moment in global history, calling for decisive, impactful actions to ensure peace and prosperity amidst a changing climate. The Grand Opening session will feature addresses from top leaders of COP29, ADA University, and prominent sustainable business figures from the greater Caspian region. Together, they will set the stage for critical discussions on forging resilient partnerships, accelerating sustainable development, and building a future where environmental integrity and economic growth align for the benefit of all.

10:00 – 10:45 **Large Auditorium**	**2**	**Caspian Sea shallowing: causes and consequences. Leveraging on global experience for mitigation and adaptation**
- Professor Majid Shafiepour Motlagh, School of Environment, College of Engineering, University of Tehran. - Ambassador Matthew Bryza, Managing Director for the Greater Caspian Region, Straife. - Selen İnal, Selen İnal, Member, the Council of Engineers for the Energy Transition (CEET). - Murat Seitnepesov, President, Greater Caspian Association. - Dr Said Safarov, Head of Department, Caspian Hydrometrology - Dr Elnur Safarov, Senior Scientific Resercher **Moderator**: Dr. Claude Begle, Chairman & CEO, Swiss NeWater Holding, Former National Councillor, Swiss Parliament.		- *Historical sea level data and forecasts. Likely causes.* - *Potential consequences for climate, society and economy, logistics, biodiversity and agriculture.* - *Learning lessons: Aral Sea, Colorado River.* - *Mitigation opportunities.* - *Adaptation opportunities.* - *Financing requirements and potential sources.* - *International framework.*
10:45 - 11:00		**Break and Networking**
11:00 – 11:45 **Large Auditorium**	**3**	**American Elections and Climate Change**
- Ambassador Matthew Bryza, Managing Director for the Greater Caspian Region, Straife. - Ambassador Vladimir Norov, Former Foreign Minister of Uzbekistan, Secretary General, Shanghai Cooperation Organization (SCO). - Prof. Damjan Krnjevic Miskovic, Director for Policy Research, Institute for Development and Diplomacy (IDD). - Prof. Dr. Esra Hatipoğlu, President, Bahçeşehir University. **Moderator**: Dr. Claude Begle, Chairman & CEO, Swiss NeWater Holding, Former National Councillor, Swiss Parliament.		The panel session will explore the implications of President Trump's recent re-election on global climate action, examining the potential threats and opportunities for sustainable growth and emissions reduction worldwide. This session aims to identify early responses and adaptations in the international landscape, addressing pressing questions on the future of climate action under the renewed Trump presidency.
11:45 - 12:30 **Large Auditorium**	**4**	**Access to clean water for household use and farming: global trends and applicable solutions**

- Nicolaos Theodossiou, Chair, Sustainable Development Solutions Network (SDSN) Black Sea. - Timo Bey, Managing Partner, Director Private Markets & Asia, Federal Association for Economic Development and Foreign Trade (BWA). - Dr. Claude Begle, Chairman & CEO at Swiss NeWater Holding, Former National Councillor, Swiss Parliament. - Tanvir Kabir, Counsellor, Embassy of Bangladesh in Berlin. - Harun Lone, Co-Founder / Chairman, Swiss Bio Shield **Moderator:** Ambassador Matthew Bryza, Managing Director for the Greater Caspian Region, Straife.		- *Current state and outlook for the Greater Caspian region. Threats and Opportunities.* - *Conserving and sharing water resources: international cooperation framework. Case studies include the Qosh Tepa canal in Central Asia, Kyrgyzstan – Tajikistan tensions over transborder water management, the hydropower station on the Nile in Ethiopia, and Mexico-US discussions over the Colorado River.* - *Solutions for eliminating pollution and losses, efficient water usage.* - *Smart and efficient water management tools: IoT, smart metering, better infrastructure.* - *Business models and sources of finance.*
12:30 -13:15		**Lunch**
13:15 - 14:00 **Large Auditorium**	**5**	**Protecting the Caspian Sea's maritime environment and biodiversity**
- Prof. Dr. Urkhan Alakbarov, Rector, Academy of Public Administration under the President of the Republic of Azerbaijan - Cecilia Kinuthia-Njenga, Director, United Nations Framework Convention on Climate Change (UNFCCC). - Murat Seitnepesov, President, Greater Caspian Association. - Dr. Claude Begle, Chairman & CEO, Swiss NeWater Holding; Former National Councillor, Swiss Parliament. **Moderator**: Prof. Dr. Siddharth S Saxena, Director, Cambridge Central Asia Forum, Jesus College, University of Cambridge; Vice Rector, British Management University Tashkent; Honorary Professor, Kazakh British Technical University		- *Recent trends, primary threats to the Caspian Sea environment: pollutions scientific data on the recent changes and outlook.* - *Oil spill prevention and response: national plans and joint response formats: Regional Response Capability and Emergency Response Plan.* - *Rehabilitation of oily lakes.* - *Protection of Caspian seals and other wildlife.* - *Framework and institutions for international cooperation.* - *Tehran Convention - Framework Convention for the Protection of the Marine Environment of the Caspian Sea.* - *Role of NGOs and civil society in protecting biodiversity.*
14:00 – 14:15		**Break and Networking**
14:15 - 15:00 **Large Auditorium**	**6**	**Food security and safety. Deployment of conservation agriculture in the Greater Caspian Region. Contribution of the Region to the Global Food Security.**

- Ambassador Vladimir Norov, Former Foreign Minister of Uzbekistan, Secretary General, Shanghai Cooperation Organization (SCO). - Prof. Dr. Urkhan Alakbarov, Rector, Academy of Public Administration under the President of the Republic of Azerbaijan. - Heather Jacobs, Climate Technology Specialist, World Intellectual Property Organization, (WIPO). - Emil Aliyev, Environmental Sustainability, University of Ottawa. - Ruslan Akchurin, CEO, Azchemco. - Tomasz Schmidt, Chief Decarbonization Officer, Mzuri World **Moderator:** Murat Seitnepesov, President, Greater Caspian Association.		- *Recent trends and outlook in soil condition, pollution and fertility. Key threats for food safety.* - *Most promising agricultural technologies in the Greater Caspian Region.* - *Key barriers to smart agriculture: markets, finance, technology transfer, culture, etc. Farming economics and business models. Access to global and regional markets.* - *Possible investment synergies through regional cooperation.* - *The development of the logistics corridors from the GCR as a critical element of Global Food Security (Trans-Caspian Corridors, including Middle Corridor; Trans-Afghanistan corridor and others).*
15:00 - 15:15		**Break and Networking**
15:15 – 16:00 **Large Auditorium**	**7**	**Expert roundtable: Aligning stakeholders' interests and just transition: sustainable mining, hydrocarbons exploration and production.**
- Prof. Dr. Siddharth S Saxena, Director, Cambridge Central Asia Forum, Jesus College, University of Cambridge; Vice Rector, British Management University Tashkent; Honorary Professor, Kazakh British Technical University. - Linar Yakupov, President, IBFD Fund. - Urs Unkauf, Federal Managing Director of Federal Association for Economic Development and Foreign Trade (BWA), Global Economic Network. - Prof. Damjan Krnjevic Miskovic, Director for Policy Research, Institute for Development and Diplomacy (IDD). **Moderator:** Murat Seitnepesov, President, Greater Caspian Association.		- *Social, economic and environmental aspects of mining and hydrocarbon exploration and production for resource-reach regions* - *Possible approaches to resolving acute environmental disputes, including the accumulation of sulfur produced from the desulfurization of oil and gas, recultivation of mining lands, etc.* - *The role of new technologies and new logistics routes*
16:00 – 16:15		**Break and Networking**
16:15 – 17:15 **Large Auditorium**	**8**	**Building Peaceful Future as an enabler of rebuilding Karabakh, deploying green energy solutions, generating sustainable jobs and building smart villages.**

- Fuad Huseynov, Deputy Chairman, State Committee for Affairs of Refugees and Internally Displaced Persons of the Republic of Azerbaijan - Prof. Dr. Urkhan Alakbarov, Rector, Academy of Public Administration under the President of the Republic of Azerbaijan. - Nargiz Garajayeva, Senior Advisor - Special Representation of the President of the Republic of Azerbaijan in the Jabrayil, Gubadly and Zangilan districts. - Fidan Kalbiyeva, Head of PR department at "Restoration, Construction and Management Service in Lachin district" - Urs Unkauf, Federal Managing Director of Federal Association for Economic Development and Foreign Trade (BWA), Global Economic Network. - Jalala Akhundova, Radiology Specialist, Azerbaijan Medical University Oncology Clinic **Moderator**: Dr. Fariz Ismailzade, Director, Institute for Development and Diplomacy (IDD); Vice Rector, ADA University; Member of Parliament, Deputy Chair of the Education and Science Committee.		- *Affected regions: infrastructure, displaced persons: current state and outlook.* - *Solutions for rapidly deploying sustainable housing and social infrastructure in the affected territories.* - *Organization of oncology services in the liberated territories.* - *Prospective technologies.* - *Green Energy Zones (Azerbaijan, Armenia, Turkey).*
17:15 – 18:15		**Apero and Networking**
19:00 – 21:30		**Azerbaijan national music concert with cocktail party**
END OF DAY ONE		
DAY TWO. November 15, 2024		
8:30 – 9:30		**Registration, Light Breakfast and Networking**
9:30 – 10:15 **Large Auditorium**	**9**	**Access to clean energy for all**
- Prof. Dr. Urkhan Alakbarov, Rector, Academy of Public Administration under the President of the Republic of Azerbaijan. - Ambassador Vladimir Norov, Former Foreign Minister of Uzbekistan, Secretary General, Shanghai Cooperation Organization (SCO). - Prof. Dr. Siddharth S Saxena, Director, Cambridge Central Asia Forum, Jesus College, University of Cambridge; Vice Rector, British Management		- *The situation with access to clean energy for industrial enterprises, farms and residents: energy mix, losses, reliability of infrastructure. Supply-demand and pricing forecasts. Key challenges, in particular for the territories affected by war, natural and human-made disasters.* - *On-grid and off-grid solutions realized: cooling, heat and power cogeneration, photovoltaic, wind, biofuel and biogas, hydrogen, fuel cells, etc.* - *Transborder energy markets and transmission lines (Trans-Caspian (Kazakhstan-Azerbaijan), Trans-Black Sea (Azerbaijan-Georgia-Romania).*

University Tashkent; Honorary Professor, Kazakh British Technical University. - Prof. Dr. Yashar Musayev, Chairman of Executive Board, Balticnet **Moderator:** Inara Yagubova, Senior Research Fellow, Institute for Development and Diplomacy (IDD).		*Cross-border investments.*
10:15 – 10:30		**Break and Networking**
10:30 – 11:30 **Large Auditorium**	**10**	**Green global logistics: international and national routes and corridors.**
- Ambassador Vladimir Norov, Former Foreign Minister of Uzbekistan, Secretary General, Shanghai Cooperation Organization (SCO). - Yanying Li, Legal Officer, UNCITRAL. - Andrea Tang, Legal Services Director, FIATA. - Emil Majidov, Rotas Consulting, Managing Partner - Alua Satybaldiyeva, Deputy CEO, Global DTC Pte Ltd - Dr. Valery VIRKOVSKI, Chair of eLogistics & Digital Transport Corridors Working Group, Eastern Partnership - Zabihullah Ziarmal, 1st Vice Chair, ICC AFG; Board Member, ICC WBO; Chairman, WTC Kabul - Afghanistan **Moderator:** Dr. Angelo Scorza, Director, SHIP2SHORE		- *Key logistical challenges in the Greater Caspian Region.* - *Existing and prospective corridors, e.g. Trans-Caspian Corridors (Middle Corridor and others) and North-South corridor, Central Asia-Afghanistan-Pakistan Corridor.* - *Enablers for sustainable logistics: digital and optimization tools, efficient and less polluting transportation.* - *Green shipping in the Caspian Sea (LNG, CNG, Ammonia, Methanol, Solar). Shipbuilding projects.* - *Electronic transport documents (e-FBL, e-RWB and others). Role of FIATA, UNCITRAL.* *Regional cooperation: institutes and legal framework.*
11:30 – 11:45		**Break and Networking**
11:45 – 12:30	**11**	**AI as a Catalyst for Sustainable Development: Transforming Production, Logistics, and Consumption to Foster Global Peace and Prosperity**
- Ambassador Vladimir Norov, Former Foreign Minister of Uzbekistan, Secretary General, Shanghai Cooperation Organization (SCO). - Essam AlGobaisi, CEO, Business Intelligence Group - Shakir Eminbeyli, Regional Ambassador in the Greater Caspian Region, of global .ART registry **Moderator: Murat Seitnepesov, President, Greater Caspian Association.**		How artificial intelligence (AI) can drive sustainable development by revolutionizing production, logistics, and consumption? We will discuss AI's role in optimizing resource use, enhancing efficiency, and promoting human-centered economic models that align with the themes of COP29 and the Caspian Week Forum. By leveraging AI, we aim to reduce conflict potential and build environmental bridges to peace and prosperity.
12:30 – 13:15		**Lunch**

13:15 – 14:00 **Large Auditorium**	**12**	**Smart Cities & Smart Villages**
- Cecilia Kinuthia-Njenga, Director, United Nations Framework Convention on Climate Change (UNFCCC). - Inara Yagubova, Senior Research Fellow, Institute for Development and Diplomacy (IDD). - Emil Aliyev, Environmental Sustainability, University of Ottawa. - Emil Majidov, Rotas Consulting, Managing Partner - Valentin Velichkov, CEO, Vestitel. **Moderator:** Sergey Stanovkin, Head of Representative Office, BBC Global News Eurasia		- *Conditions of urban and rural infrastructure and housing. Climate change impact. Key challenges.* - *Smart Cities innovations: planning, materials, solutions and technologies for HVAC, transportation, etc.* - *Presenting project opportunities in Azerbaijan.* - *Urgent needs and bright opportunities in Karabakh.* - *Sources of finance.*
14:00 – 14:15		**Break and Networking**
14:15 – 15:00 **Large Auditorium**	**13**	**Carbon & Methane Emissions Reduction: opportunities, targets and sources of finance**
- Prof. Dr. Urkhan Alakbarov, Rector, Academy of Public Administration under the President of the Republic of Azerbaijan. - Murat Seitnepesov, President, Greater Caspian Association. - Prof. Murat Kucukvar, Professor of Sustainable Business, Business Ethics and Legal Studies, Daniels College of Business, Denver, USA. **Moderator:** Ambassador Matthew Bryza, Managing Director for the Greater Caspian Region, Straife.		- *Nationally Determined Contributions (NDC) and updated targets for 2030 and 2050* - *Key technologies and policies for reducing greenhouse gas (GHG) emissions* - *Approaches to resource mobilization for GHG emissions reduction.* - *Industrial Methane leakage problem in Central Asia.* - *Reduction and elimination of Methane leakages. Methane capture technologies.*
15:00 – 15:30 **Senate Room**	**14**	**Project Announcement: New Center for Sustainable Development in Azerbaijan**
15:00 – 15:30		**Break and Networking**
15:30 – 16:15 **Large Auditorium**	**15**	**New Collective Quantified Goal on Climate Finance and Facilitating cross-border Regional Investments**
- Umeda Rakhmanova, Director, Central Asian Stock Exchange (CASE). - Leyla Baghirzade, Board Member, Head of Azerbaijani chapter of Joint Chambers of Commerce, Switzerland - Central Asia, South Caucasus and Eastern Europe, Founder and CEO of Swiss Alternative Financing AG.		- *Industrial Methane leakage problem in Central Asia.* - *Reduction and elimination of Methane leakages. Methane capture technologies.* - *Estimating funds required for climate change adaptation, mitigation, and rehabilitation of affected territories.* - *Government policies.*

- Urs Unkauf, Federal Managing Director of Federal Association for Economic Development and Foreign Trade (BWA), Global Economic Network. **Moderator:** Ambassador Matthew Bryza, Managing Director for the Greater Caspian Region, Straife.		- *IFI support.* - *The role of business associations.*
16:15 – 16:30		**Signing MEMORANDUM OF COOPERATION Between the "Central Asian Association For Artificial Intelligence" and the "Greater Caspian Association"**
16:30 – 16:45		**Break and Networking**
16:45 – 17:30 **Large Auditorium**	**16**	**From Fossil Fuel Wealth to Building Human Capital: Policy Strategy for the Energy Transition**
- Prof. Michael Sherraden, Founding Director, Centre for Social Development, Brown School, Washington University in St. Louis. - Prof. Jin Huang, William and Helen Reichmann Research Professor, School of Social Work, Washington University in St. Louis. - Prof. Dinara Yessimova, Eurasian National University in Kazakhstan. - Prof. Aytakin Huseynli, Research Professor, Washington University in St. Louis - Prof. Dr. Çisil Sohodol, Member of Bahçeşehir University, Director of CIFAL Istanbul-UNITAR - Ambassador Matthew Bryza, Managing Director for the Greater Caspian Region, Straife. **Moderator:** Dr. Fariz Ismailzade, Director, Institute for Development and Democracy (IDD); Vice Rector, ADA University, and Member of Parliament, Deputy Chair of the Education and Science Committee		As the world rapidly adapts to renewable energy sources, fossil fuel-dependent countries are facing a challenge: How to develop a new, vibrant, and sustainable economy?
17:30 – 18:00 **Large Auditorium**	**17**	**Signing ceremony: Baku Declaration for Peace and Prosperity**
18:00 – 19:00		**Official Closing, Apero and Networking**
19:30 – 22:00		**Gala Dinner**
END OF DAY TWO		

PARTNERS

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