

ENVIRONMENTAL BRIDGES TO PEACE AND PROSPERITY

Baku, November 14 - 15

Draft Program

DAY ONE. November 14, 2024	
8:30 -9:30	Registration, Light Breakfast and Networking
9:30 -10:30	Caspian Sea shallowing: causes and consequences. Leveraging on global experience for mitigation and adaptation
	<ul style="list-style-type: none"> - <i>Historical sea level data and forecasts. Likely causes.</i> - <i>Potential consequences for climate, society and economy, logistics, biodiversity and agriculture.</i> - <i>Learning lessons: Aral Sea, Colorado River.</i> - <i>Mitigation opportunities.</i> - <i>Adaptation opportunities.</i> - <i>Financing requirements and potential sources.</i> - <i>International framework.</i>
10:30 - 11:00	Break and Networking
11:00 - 12:00	Access to clean water for household use and farming: global trends and applicable solutions
	<ul style="list-style-type: none"> - <i>Current state and outlook for the Greater Caspian region. Threats and Opportunities.</i> - <i>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.</i> - <i>Solutions for eliminating pollution and losses, efficient water usage.</i> - <i>Smart and efficient water management tools: IoT, smart metering, better infrastructure.</i> - <i>Business models and sources of finance.</i>
12:00 -13:00	Lunch
13:00 - 13:45	Protecting the Caspian Sea’s maritime environment and biodiversity
	<ul style="list-style-type: none"> - <i>Recent trends, primary threats to the Caspian Sea environment: pollutions scientific data on the recent changes and outlook.</i> - <i>Oil spill prevention and response: national plans and joint response formats: Regional Response Capability and Emergency Response Plan.</i> - <i>Rehabilitation of oily lakes.</i> - <i>Protection of Caspian seals and other wildlife.</i> - <i>Framework and institutions for international cooperation.</i> - <i>Tehran Convention - Framework Convention for the Protection of the Marine Environment of the Caspian Sea.</i> - <i>Role of NGOs and civil society in protecting biodiversity.</i>
13:45 – 14:00	Break and Networking

14:00 -14:45	Food security and safety. Deployment of conservation agriculture in the Greater Caspian Region. Contribution of the Region to the Global Food Security.
	<ul style="list-style-type: none"> - <i>Recent trends and outlook in soil condition, pollution and fertility. Key threats for food safety.</i> - <i>Most promising agricultural technologies in the Greater Caspian Region.</i> - <i>Key barriers to smart agriculture: markets, finance, technology transfer, culture, etc. Farming economics and business models. Access to global and regional markets.</i> - <i>Possible investment synergies through regional cooperation.</i> - <i>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).</i>
14:45 - 15:00	Break and Networking
15:00 – 15:45	Expert roundtable : Aligning stakeholders’ interests and just transition: sustainable mining, hydrocarbons exploration and production.
	<ul style="list-style-type: none"> - <i>Social, economic and environmental aspects of mining and hydrocarbon exploration and production for resource-rich regions</i> - <i>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.</i> - <i>The role of new technologies and new logistics routes</i>
15:45 – 16:00	Break and Networking
16:00 – 17:00	Building Peaceful Future as an enabler of rebuilding Karabakh, deploying green energy solutions, generating sustainable jobs and building smart villages.
	<ul style="list-style-type: none"> - <i>Affected regions: infrastructure, displaced persons: current state and outlook.</i> - <i>Solutions for rapidly deploying sustainable housing and social infrastructure in the affected territories.</i> - <i>Employment, business opportunities, medicine, education and social support for the population.</i> - <i>Prospective technologies.</i> - <i>Green Energy Zones (Azerbaijan, Armenia, Turkey).</i>
17:00 – 17:30	Apero and Networking
17:45 – 19:30	Concert
END OF DAY ONE	
DAY TWO. November 15, 2024	
8:30 -9:30	Registration, Light Breakfast and Networking
9:30 – 10:30	Green global logistics: international and national routes and corridors.
	<ul style="list-style-type: none"> - <i>Key logistical challenges in the Greater Caspian Region.</i> - <i>Existing and prospective corridors, e.g. Trans-Caspian Corridors (Middle Corridor and others) and North-South corridor, Central Asia-Afghanistan-Pakistan Corridor.</i> - <i>Enablers for sustainable logistics: digital and optimization tools, efficient and less polluting transportation.</i> - <i>Green shipping in the Caspian Sea (LNG, CNG, Ammonia, Methanol, Solar). Shipbuilding projects.</i> - <i>Electronic transport documents (e-FBL, e-RWB and others). Role of FIATA, UNCITRAL.</i> - <i>Regional cooperation: institutes and legal framework.</i>

10:30 – 11:00	Break and Networking
11:00 – 12:00	Access to clean energy for all
	<ul style="list-style-type: none"> - <i>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.</i> - <i>On-grid and off-grid solutions realized: cooling, heat and power cogeneration, photovoltaic, wind, biofuel and biogas, hydrogen, fuel cells, etc.</i> - <i>Transborder energy markets and transmission lines (Trans-Caspian (Kazakhstan-Azerbaijan), Trans-Black Sea (Azerbaijan-Georgia-Romania)).</i> - <i>Cross-border investments.</i>
12:00 – 13:00	Lunch
13:00 – 14:00	Smart Cities & Smart Villages
	<ul style="list-style-type: none"> - <i>Conditions of urban and rural infrastructure and housing. Climate change impact. Key challenges.</i> - <i>Smart Cities innovations: planning, materials, solutions and technologies for HVAC, transportation, etc.</i> - <i>Presenting project opportunities in Azerbaijan.</i> - <i>Urgent needs and bright opportunities in Karabakh.</i> - <i>Sources of finance.</i>
14:00 – 14:15	Break and Networking
14:15 – 15:15	Carbon & Methane Emissions Reduction: opportunities, targets and sources of finance
	<ul style="list-style-type: none"> - <i>Nationally Determined Contributions (NDC) and updated targets for 2030 and 2050</i> - <i>Key technologies and policies for reducing greenhouse gas (GHG) emissions</i> - <i>Approaches to resource mobilization for GHG emissions reduction.</i> - <i>Industrial Methane leakage problem in Central Asia.</i> - <i>Reduction and elimination of Methane leakages. Methane capture technologies.</i>
15:15 – 15:30	Break and Networking
15:30 – 16:30	New Collective Quantified Goal on Climate Finance and Facilitating cross-border Regional Investments
	<ul style="list-style-type: none"> - <i>Industrial Methane leakage problem in Central Asia.</i> - <i>Reduction and elimination of Methane leakages. Methane capture technologies.</i> - <i>Estimating funds required for climate change adaptation, mitigation, and rehabilitation of affected territories.</i> - <i>Government policies.</i> - <i>IFI support.</i> - <i>The role of business associations.</i>
16:30 – 16:45	Break and Networking
16:45 – 17:00	Signing ceremony: Baku Declaration for Peace and Prosperity
17:00 – 18:00	Official Closing, Aperio and Networking
19:30 – 22:00	Gala Dinner
END OF DAY TWO	