



UNLOCKING PRIVATE INVESTMENTS IN HIGH TECHNOLOGY PROJECTS

About \$100 billion worth of energy sector investment is needed in the 11 Central Asia Regional Economic Cooperation¹ (CAREC) countries in the next five years. The governments acknowledge that public sector alone will not be able to meet those financing needs.

The CAREC Energy Investment Forum (EIF) is designed to enable private investments and bridge the investment gap. EIF showcases opportunities and connects the dots—ideas, finance, suppliers, governments, and high technology.

The EIF journey started in Islamabad, Pakistan in October 2016. Astana, Kazakhstan hosted the second EIF in July 2017. The theme of the #EIFAstana was “Financing Future Energy” as part of the Astana Expo 2017. On 11-12 September 2018, the Government of Georgia invites you to attend the Energy Investment Forum in Batumi (#EIFBatumi).

The #EIFBatumi will discuss recent technological developments, the growing technology and financing gaps, and discuss a path forward.

EIF brings about 250+ people together:

- Regulators, Government officials from the energy sector from the member countries
- Regional investors, equipment manufacturers, suppliers, project developers
- Development banks, private banks, private equity, investment funds, and insurers
- Academic and regional opinion makers
- Other bilateral development partners

EIF is platform for networking and business development to turn ideas into projects

#EIFBatumi will analyze the readiness of the CAREC region for investing in large scale high technology projects enabling private investments. The selected projects will be from the core areas identified by the recently released draft of the CAREC High Technology Roadmap that will have specific strategies to introduce high technology focusing on four disruptive technologies of today: (i) solar power (ii) battery based storage, (iii) super-efficient equipment (energy efficiency) and (iv) plug-in electric vehicles.

Each independent session will analyze a recent project from the perspective of technology, cost, financing modality, government policy incentives, regulatory framework, partnership and sustainability.

Each session will begin with the project developer presenting a recently completed high technology project. A panel of local and international experts will analyze the readiness of the CAREC region for implementing similar projects. The sessions will conclude with key recommendation enabling technology leapfrogging of such technologies in the CAREC countries.

¹ The CAREC Program is a partnership of 11 countries and development partners (<https://www.carecprogram.org>)

TIME	DAY 1 – Tuesday, 11 September 2018
9:00 am – 10:00 am	<p>Registration</p> <p>MC: Ms. Inga Pkhaladze, Sustainable Development Organization, Georgia</p>
10:00 am – 11:15 am	<p>Welcome Remarks <i>Mr. Tornike Rijvadze, Chairman, Government of Ajara Autonomous Republic</i></p> <p><i>Mr. Ivane Matchavariani, Minister of Finance, The Government of Georgia</i></p> <p>Opening Statements <i>Mr. Werner Leipach, Director General, Central and West Asia Department, ADB</i></p> <p>Keynote Speeches</p> <p>Mr. Stigsteinn Gretarsson, CEO of Arctic Green Energy Corporation will discuss the clean technology solution for urban development for the CAREC region.</p> <p>Mr. Ashok Bhargava, Director of Energy Division, Central and West Asia Department, ADB will highlight “Energy Investment Outlook for Central Asia” and the financing gap.</p>
11:15 am – 11:30 am	<p>Group Photo and Coffee Break</p>
11:30 am – 1:00 pm	<p>Session 1: Emergence of Solar Power Session to discuss recent developments, price break-throughs and future of solar</p>
	<p>Panelists</p> <ul style="list-style-type: none"> • Mr. Wang Weiquan, China Renewable Energy Industry Association • Mr. Artur Madumarov, NewTek-Schmid • Dr. Farhad Taghizadeh-Hesary, ADBI • Mr. Anshul Patel, Chief Commercial Officer, BBOX • Ms. Shazia Khan, EcoEnergy, Pakistan. <p>Session moderated by Mr. Sohail Hasnie, ADB</p>
1:00 pm – 2:00 pm	<p>Lunch</p>
1:30 pm – 2:00 pm	<p>A video of EV rally organized by Coches.net will be demonstrated.</p>

2:00 pm – 3:30 pm	<p>Session 2: Electric Vehicles and Energy-Transport Nexus Electric Vehicles (EV) are beyond the realm of Tesla, Nissan Leaf, BYD and other big players. Mr. Greg McGarvie, Managing Director, of an Australian EV startup will showcase business opportunities for EVs in the context of Central Asia.</p> <p>Panelists</p> <ul style="list-style-type: none"> • Ms. Marina Asankulova, Ministry of Transport, Kyrgyz Republic • Ms. Macca Ekizashvili, e-Space • Mr. Ilia Eloshvili, Deputy Mayor of Tbilisi <p>Session moderated by Dr. David Beeton, Urban Foresight</p>
3:30 pm – 3:45 pm	Coffee break
3:45 pm – 5:15 pm	<p>Session 3: High Technology in Hydropower Traditional renewable energy, hydropower has many facets where new technology and new thinking are reshaping our future. Dr. Farid Mazzouji of General Electric to present on Hydro as a multi-purpose energy resource.</p> <p>Panelists</p> <ul style="list-style-type: none"> • Mr. Giorgi Chikovani, Deputy Minister of Economy and Sustainable Development, The Government of Georgia • Mr. David Morgado, Asian Infrastructure Investment Bank • Mr. Radoslav Dudolenski, Georgian Hydrolea • Mr. Joung-Rae Cho, Korea Hydro & Nuclear Power Co., LTD • Mr. Prashant Joshi, Adjaris Tsqali LLC <p>Session moderated by Dr. Yongping Zhai, ADB Chief of Energy Sector Group.</p>
5:15 pm – 5:30 pm	<p>Wrap-up Mr. Ashok Bhargava, Director Energy Division, Central and West Asia Department.</p>
8:00 pm	<p>Dinner hosted by Government of Adjara (by invitation only)</p> <p>Bus for Restaurant will start from Sheraton at 7:30pm</p>

TIME	DAY 2 – Wednesday, 12 September 2018
9:00 am – 9:15 am	Opening and recap by Ms. Inga Pkhaladze
9:15 am – 10:30 am	<p>Session 4: Innovation in Financing and Technology for Energy Efficiency</p> <p>One MWh saved same as one MWh generated less the losses and pollution. This session will discuss policy and regulation, leveraging investment through innovative finance, deploying advanced technologies, and creative business models for energy efficiency investments. Presented by Mr. Mingbai Liu, I&G.</p> <p>Panelists</p> <ul style="list-style-type: none"> • Ms. Margalita Arabidze, Deputy Head, Energy Policy Dept., Govt. of Georgia • Mr. Taylan Karamanli, KB Enterprises • Mr. Mingbai Liu, China National Investment and Guaranty Corporation • Mr. George Abulashvili, Energy Efficiency Centre Georgia <p>Session moderated by Ms. Sujata Gupta, Energy Division Director, East Asia Department.</p>
10:30 am – 11:45 pm	<p>Session 5: Largest On-grid Battery Storage</p> <p>The session will showcase a large pilot project and discuss the financing modality, appropriate technology, regulatory framework and testing of batteries in the context of Central Asia presented by Cameron Brown, Synthesis Global.</p> <p>Panelists</p> <ul style="list-style-type: none"> • Mr. Cameron Brown, Synthesis Global • Mr. Sohail Hasnie, ADB • Mr. Andrew Kwon, Destin Power, Korea <p>Session moderated by panelist Mr. Simon Franklin, IT Power Australia.</p>
11:45 am – 1:00 pm	Coffee break and speed Networking Session: This will be a facilitated session to introduce and connect participants to each other.
1:00 pm – 2:00 pm	Lunch

2:00 pm – 3:30 pm

Session 6: Financing High technology

Panel of experts will discuss how to unlock private sector investment on high technology in CAREC.

Panelists

- Mr. Cameron Brown, Synthesis Global
- Mr. Taylan Karamanli, KB Enterprises
- Ms. Sujata Gupta, ADB
- Mr. Kurikor Nigoghosian, General Electric

Session moderated by panelist Mr. Shantanu Chakraborty, ADB

3:30 pm – 3:45 pm

Summary of Key Messages and invitation to EIF 2019
Director Energy Division, Central and West Asia Department