

Energy Transition Assessment (ETA) Report for Georgia Launch Event

April 16, 2025 (10:00 – 13:30 **Georgian time**)

[Link for registration](#)

Background

Located in the Caucasus region, Georgia has abundant forests and water resources, making hydropower and biomass key to its domestic energy production. However, this only covers less than a quarter of the total primary energy supply, with a declining share over the past decade and the seasonal characteristic of hydropower production, it contributes to the increasing reliance on energy imports. Over half of these imports are natural gas, and one-third are oil products, making Georgia heavily dependent on external sources. Conversely, Georgia has significant renewable energy potential in wind, solar and geothermal, offering sustainable path for energy sector development. The acceleration of locally available renewable energy sources has the potential to increase Georgia's energy security, ensure its competitiveness, reduce energy trade deficit, address energy poverty, support local value chain creation, and align Georgia with its international commitments. In the recent years, Georgia has taken commendable steps towards the energy transition, and the Energy Transition Assessment (ETA) Report aims to further support the country in this path.

The ETA report calls for facilitation of consolidated energy and climate planning, and in the immediate term, it aims to inform the development of the upcoming NDC 3.0. This report prompts for establishment of an implementing body for the energy transition, in addition to empowering municipalities to take an active role in energy sector development. It is of at most importance to integrate geo-special planning for renewables into wider system power planning along with increasing grid flexibility. Besides recommendations for incentivizing decarbonization of transport and development of the decarbonization strategy for heating and cooling, the report highlights importance of incentivizing renewable power development through support schemes, along with development of derisking instruments, and suggests establishment of a revolving fund for renewable energy and energy efficiency. Lastly, to enable socio-economic benefits for all citizens, the key is to define R&D needs to support local value chains, build a skilled workforce for the energy transition, facilitate establishment of renewable energy communities and define energy poverty and pathways to its alleviation.

The ETA report highlights the challenges and gives 14 recommendations for actions in the following key areas:



- Effective governance,
- Integration of renewable power,
- Decarbonization of end-use sectors,
- Financing the energy transition,
- Local value creation and capacity building and
- Consumer empowerment and just transition.

The virtual launch of the Energy Transition Assessment for Georgia report will be organised jointly by International Renewable Energy Agency (IRENA) and the Ministry of Economy and Sustainable Development of Georgia (MoESD) on Wednesday 16th April 2025.

Objective

- The launch will feature the official publication of the ETA Georgia. The event will serve as a platform to address important topics relevant to the renewable energy development and deployment in Georgia amongst government officials and the involved stakeholders and partners.
- The panel discussions will build on the insights from IRENA's analysis, and focus on the way forward for implementation of report's recommendations in the upcoming short to mid-term period in order to accelerate renewable energy deployment in the country.

Audience

The launch will aim to gather participants from government institutions, international organizations, private sector, financial institutions and development partners, donors, banking sector, NGOs and academia.

In order to join the event, please register at the following link https://irena-org.zoom.us/meeting/register/U8-aQUdRScueAgW90R_iug. After registration, in your email you will receive the access link to the event.

For any questions, please contact Ms. Petya Icheva (picheva@irena.org) and Ms. Varvara Aleksić (valeksic@irena.org)



AGENDA

Time in the agenda is Georgian time (GMT+4)

Wednesday, 16 April 2025

moderated by: Varvara Aleksić, Associate Professional for South East Europe, IRENA

10:00–10:10	<p>Opening remarks: <i>Launch of the Energy Transition Assessment Georgia</i></p> <ul style="list-style-type: none"> • Mr. Francesco La Camera, Director-General, International Renewable Energy Agency • Ms. Margalita Arabidze, Head of Energy Efficiency and Renewable Energy Policy and Sustainable Development Department, Ministry of Economy and Sustainable Development of Georgia (MoESD)
10:10–11:40	<p>Presentation: <i>Findings and main recommendations of the Energy Transition Assessment Georgia</i></p> <ul style="list-style-type: none"> • Mr. Gürbüz Gönül, Director, Country Engagement and Partnerships, IRENA <p>Panel Discussion: <i>Post Energy Transition Assessment action plan. Opportunities and the way forward for implementation of the report's recommendations. The role of key institutions, international partners and local stakeholders in this process</i></p> <p>Moderation: Ms. Petya Icheva, Programme Officer for South East Europe, IRENA</p> <ul style="list-style-type: none"> • Ms. Margalita Arabidze, Head of Energy Efficiency and Renewable Energy Policy and Sustainable Development Department, Ministry of Economy and Sustainable Development of Georgia (MoESD) • Ms. Maia Melikidze, Executive Director, Georgia's Renewable Energy Development Association (GREDA) • Mr. Florian Kitt, Senior Energy Specialist, World Bank Group • Mr. George Abulashvili, Director and Founding Partner, Energy Efficiency Centre (EEC) Georgia • Mr. Mohammad Shahrour, Manager, Business Development (CIS), MASDAR • Ms. Salome Janelidze, Senior Energy Expert, Energy Community Secretariat <p>Q&A</p>
11:40–11:50	Break (10 minutes)
11:50–13:20	<p>Presentation: <i>Comparative analysis and recommendations for alignment of the climate ambition in Georgia NECP and the update of the NDC</i></p> <ul style="list-style-type: none"> • Ines Jacob, Associate Programme Officer – Technology and Infrastructure, IRENA



	<p>Presentation: <i>Update of the NDC 3.0 process for Georgia</i></p> <ul style="list-style-type: none"><i>Ms. Masho Khakhnelidze, Head of Climate Change Division, Ministry of Environmental Protection and Agriculture of Georgia (MEPA)</i> <p>Panel Discussion: <i>Implementation of the recommendations for alignment of the climate ambition in Georgia NECP and the update of the NDC 3.0</i></p> <p>Moderation: <i>Simon Benmarraze, Team Lead-Technology and Infrastructure, IRENA</i></p> <ul style="list-style-type: none"><i>Ms. Masho Khakhnelidze, Head of Climate Change Division, Ministry of Environmental Protection and Agriculture of Georgia (MEPA)</i><i>Mr. Omar Tsereteli, Deputy Head of Energy Efficiency and Renewable Energy Policy and Sustainable Development Department, Ministry of Economy and Sustainable Development of Georgia (MoESD)</i><i>Mr. Kakha Mdivani, Chief Technical Advisor/ ITF Project Manager, The Regional Environmental Centre for the Caucasus</i><i>Ms. Ana Sikharulidze, Modelling Expert, Founder and Director, GreenStream Consulting</i> <p>Q&A</p>
13:20-13:30	<p>Concluding Remarks:</p> <ul style="list-style-type: none"><i>Ms. Margalita Arabidze, Ministry of Economy and Sustainable Development of Georgia (MoESD)</i><i>Mr. Binu Parthan, Deputy Director, Country Engagement and Partnerships, IRENA</i>