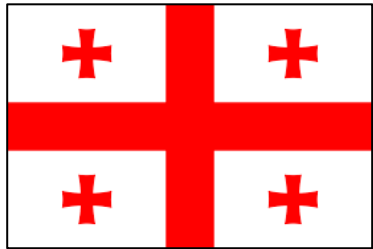


CEEC Continental Europe and Energy Council

CGEF Trip Report

Tbilisi, Georgia
May 2022



CANADIAN GLOBAL
ENERGY FORUM

CGEF's Director, Adele Williamson & Rob Sadowynk of CGEF's member company Valeura, attended.

**185 delegates with 11 virtual
37 company reports submitted
15 technical presentations**

Supported, in part, by Can Export for Associations



**CANADIAN GLOBAL
ENERGY FORUM**

Georgia's geographical position



CANADIAN GLOBAL
ENERGY FORUM

Presentations

MINISTRIES; Industry Overview by Ministry of Economy and Sustainable Development of Georgia

- Ministry of Environmental Protection and Agriculture of Georgia
- Update on Hydrocarbon Exploration and Production in Georgia

PRODUCERS; Georgia Oil & Gas by Niko Tevzadze – Chairman of the Board

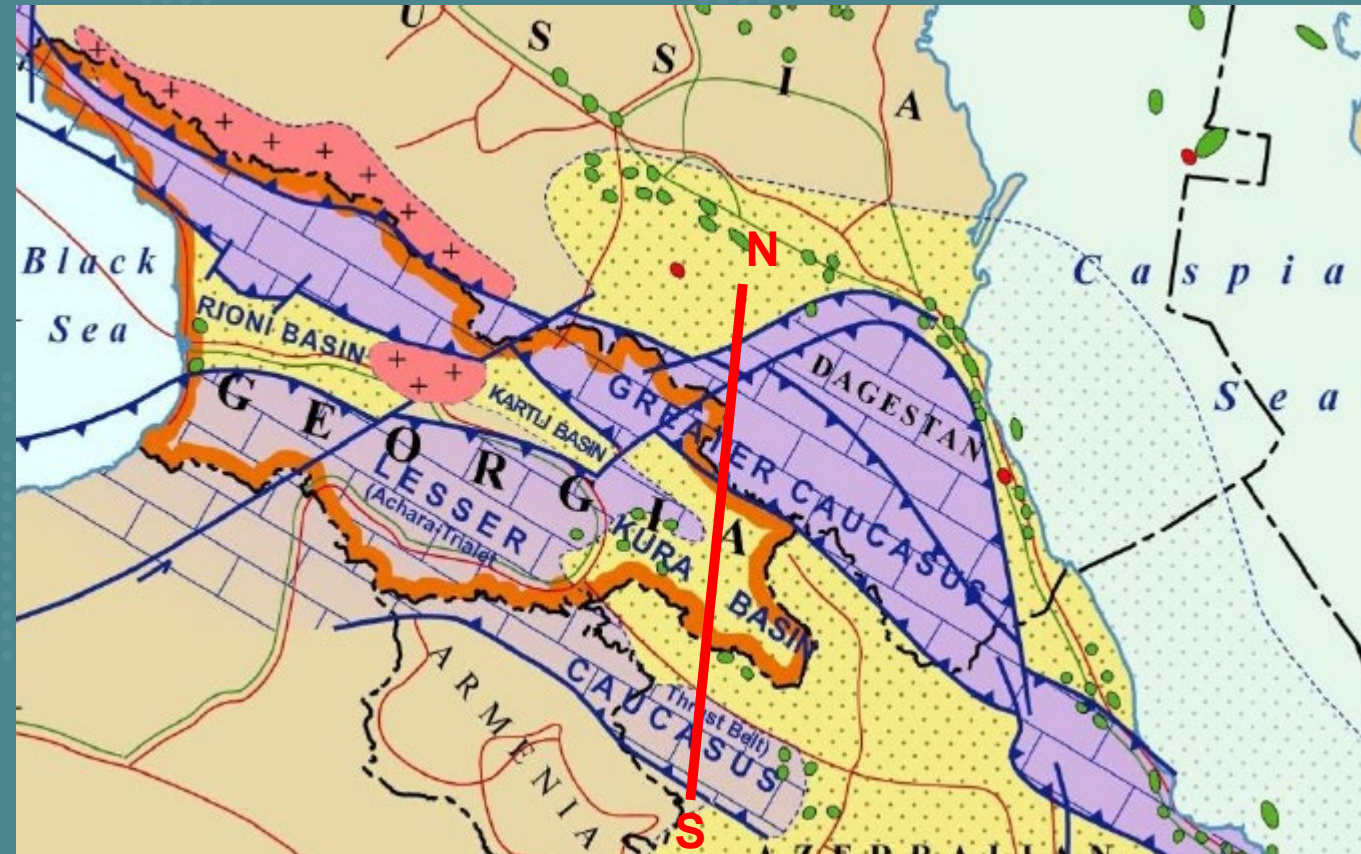
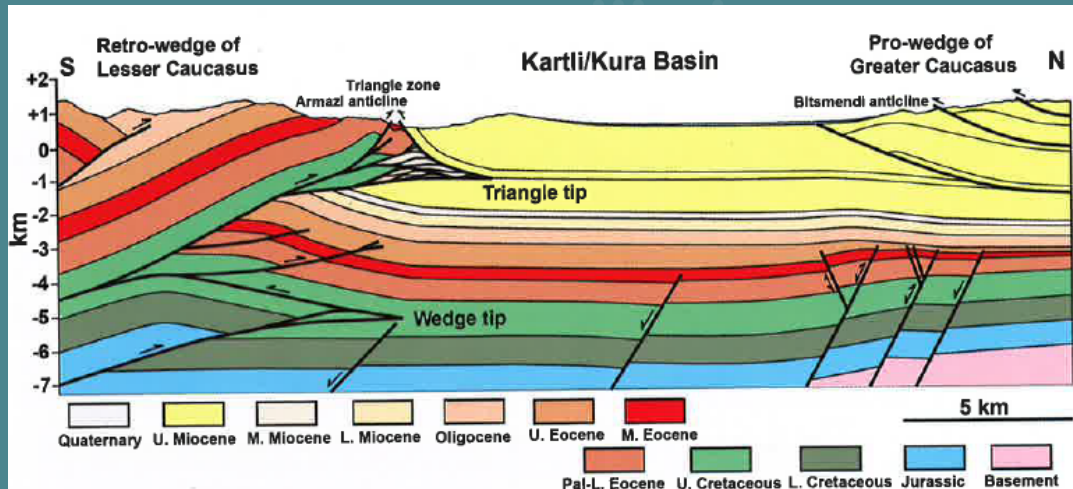
- Exploration Opportunities in the Kura-Kartli Foreland Basin, Near Tbilisi Area
- Black Sea Deep Water Exploration: What's Been Done and What's Coming Next
- Untapped Giant Gas Potential of the Western Kura Basin: A Fully Integrated Georgian Story
- Block Energy Upcoming Projects
- Upper Eocene Side-track Feasibility Study & Middle Eocene Deep Exploration Well Design
- Georgia Oil and Gas Corporation: Oil and Gas Sector Backbone of Georgia

OTHER ENERGIES; Samgori Geothermal Energy Potential

- West Georgia Geothermal Potential
- CO2 Utilization Conceptual Study: Samgori South Dome and Patardzeuli
- Asia Development Bank's Role in Renewable Energy Development
- Upstream Industry Overview by Mike Lakin - Founder, Envoi
- Government presentations were given by Greece, Poland and Ukraine

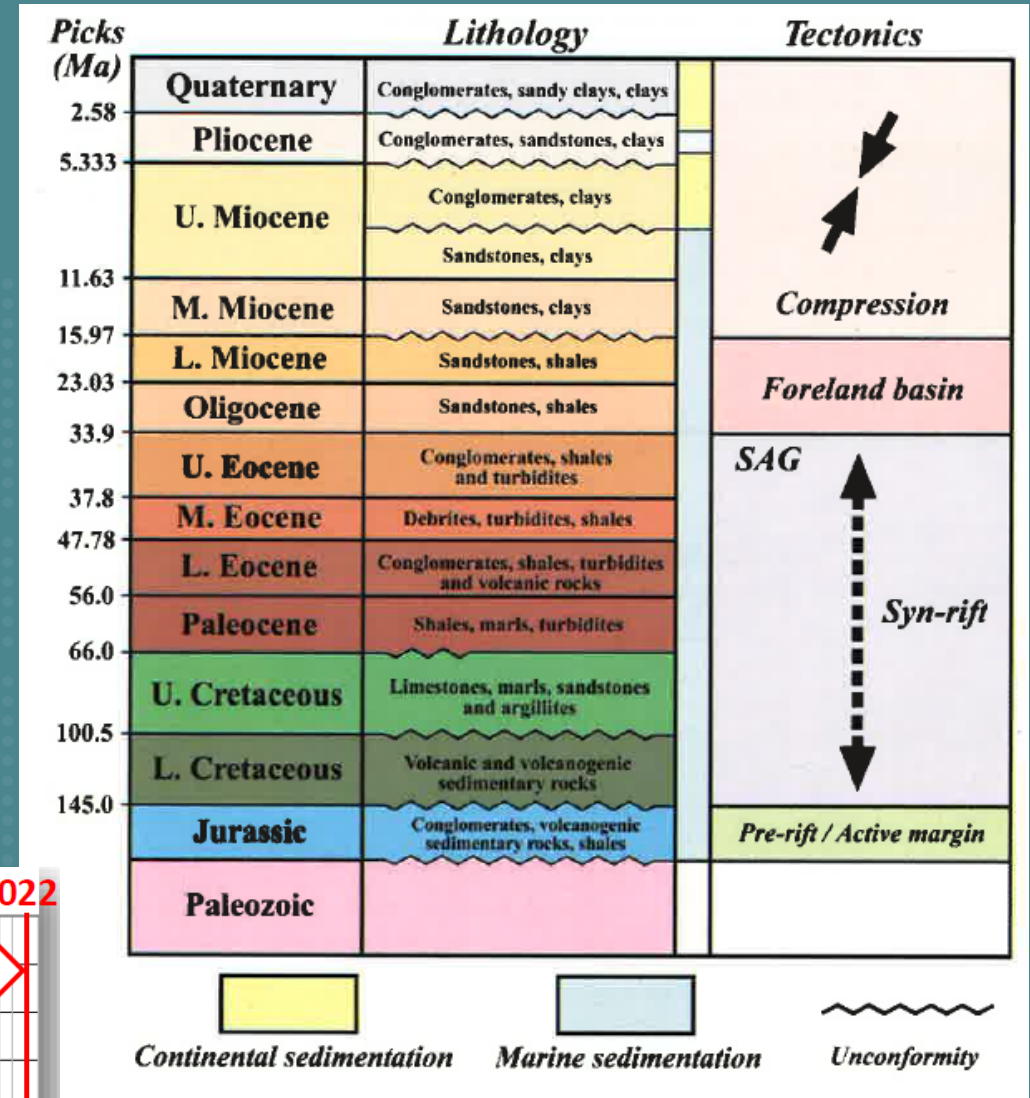
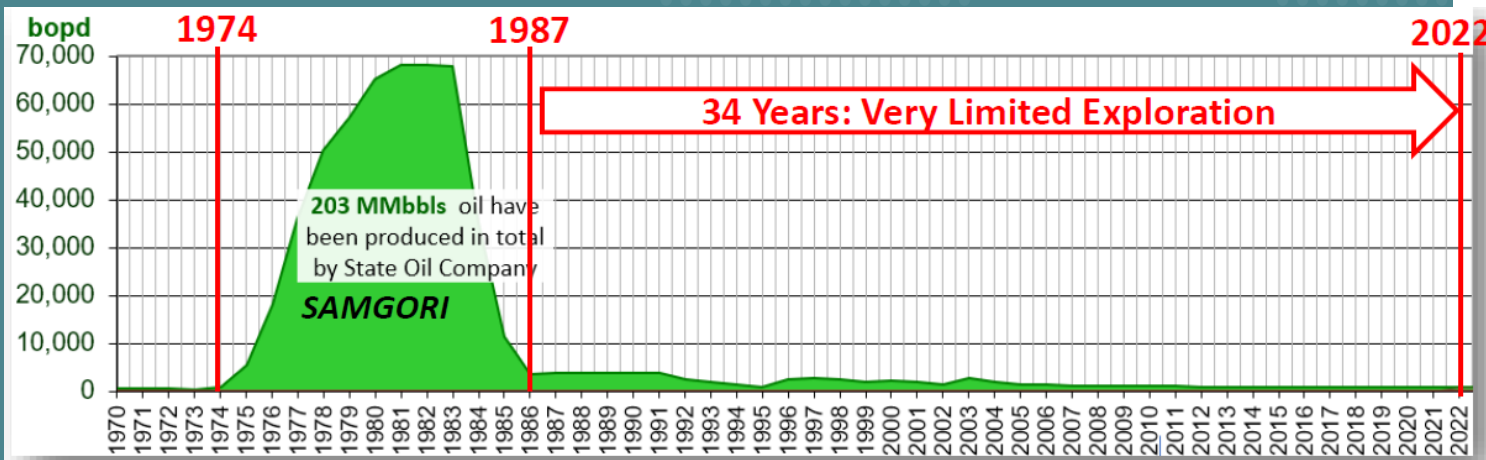
Georgia Regional Geology

- The Kura Basin lies within the eastern Paratethys seaway and evolved from a synrift to a foreland basin which was squeezed between two mountain belts the Greater and Lesser Caucasus.



Georgia Petroleum Geology

- Production is from low perm fractured Eocene volcanoclastic turbidite sandstones
- Source rocks are Eocene shales and the Oligocene - Miocene Maikop Fm
- Production peaked at around 70,000 Bopd and 200 MMbbls of oil have been produced as well as about 70 Bcf of gas.
- Current production is several hundred bopd.



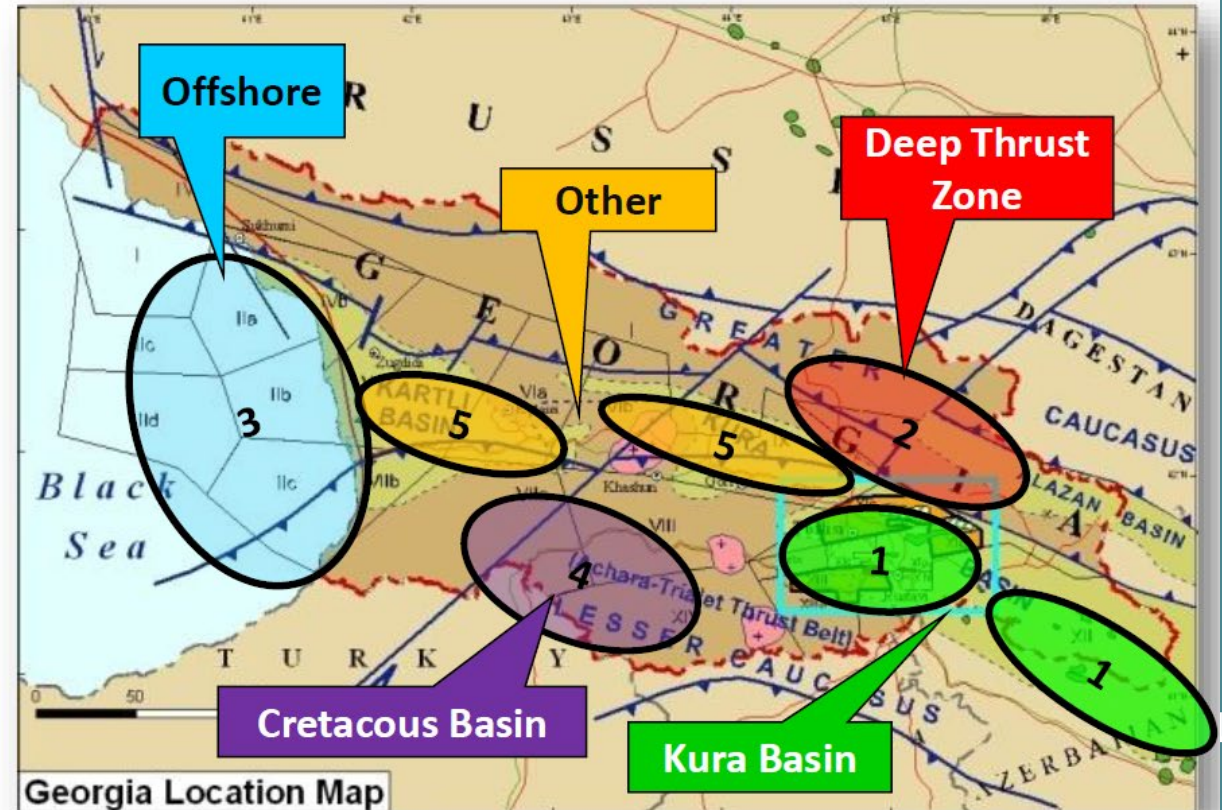
Georgia Play Types

- A number of play concepts outside of the proven producing Kura Basin

Georgia's Untapped Hydrocarbon Potential

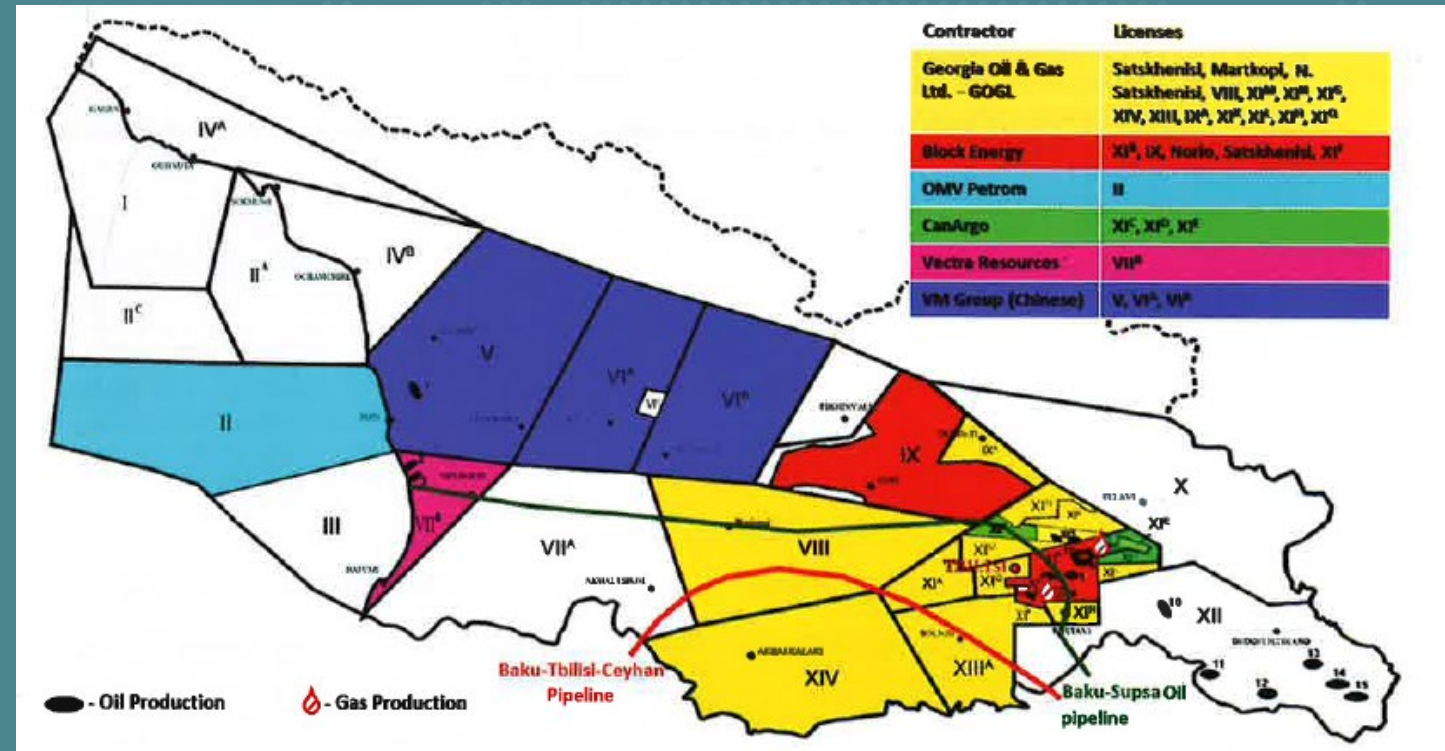
- **Proven/Producing**
 - 1. Kura Basin
- **Prospective / Unproven**
 - 2. Thrust Play
 - 3. Offshore
 - 4. Cretaceous Basin
 - 5. Kartli & Kura Extns

Significant
Underexplored
Potential



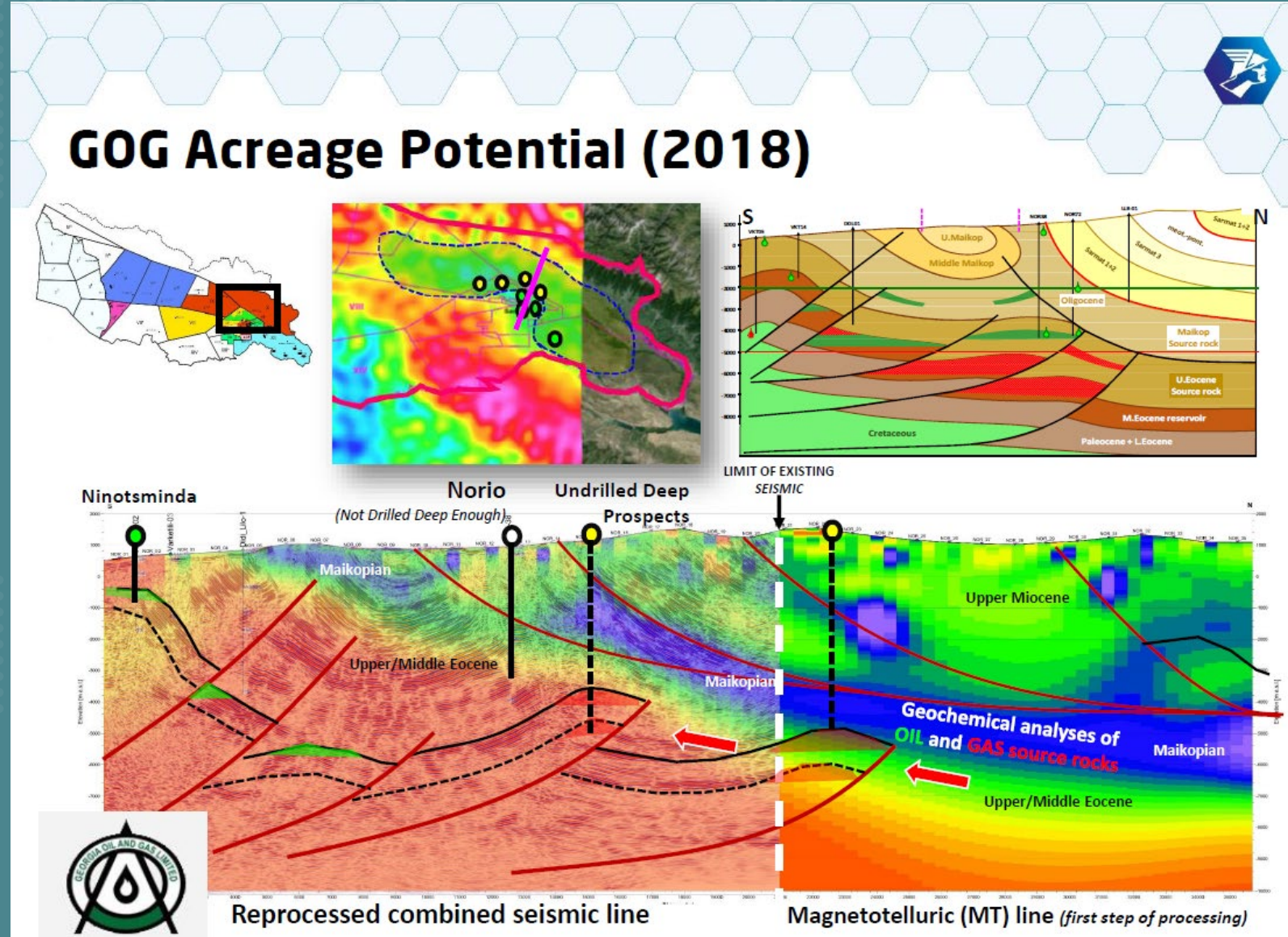
Georgia - Oil and Gas Licenses and Activity

- A small group of oil and gas companies are present in Georgia
- Present at the CEEC Scout Meeting:
 - Georgia Oil and Gas Ltd have a portfolio of shallow and deep prospects.
 - Block Energy produces ~ 500 Bopd and have plans to grow oil production and evaluate a basin wide tight gas play.
 - OMV is farming out offshore Black Sea license II.



GOGI Kura Basin Norio Deep Prospect

- Depth: 5500-6500m
- Three-way closed thrust related anticline
- Fractured Middle Eocene reservoir
- Most likely resource:
334 MMBbl and 8 Tcf across the licenses

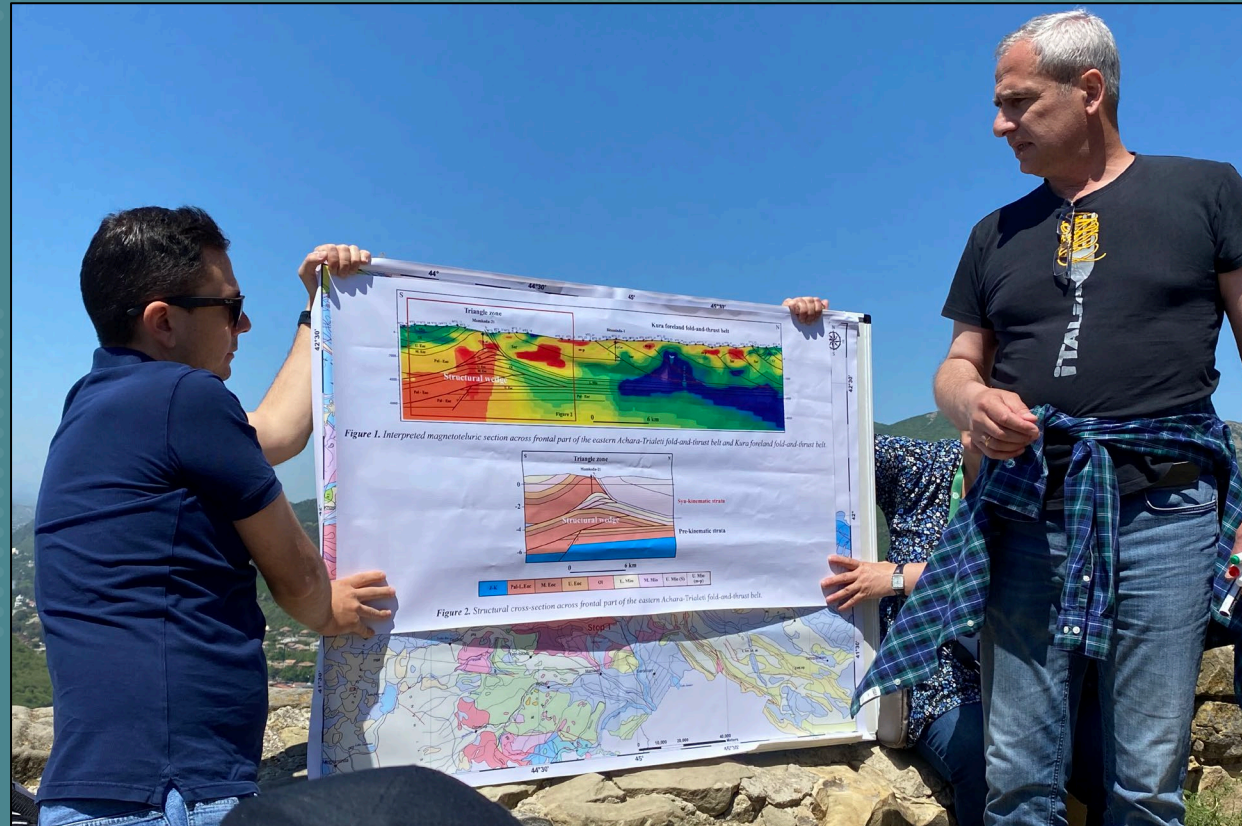


Geological Field Trip

Eocene volcanoclastic
fractured sandstone
reservoir



Lower Miocene
Clastics



ADIAN GLOBAL
GY FORUM

Scout Group – Members only

CEEC member companies

Scout report presentations;

- 34 companies
 - 2 Geothermal
 - 2 Helium
 - 1 CCUS

CGEF

- Report submitted & presented
 - Who is CGEF
 - CGEF Conference June 6/22 invitation
 - Conference session videos from November 18, 2021,
 - Webinars:
 - Namibia,
 - Investment in ESG times



**CANADIAN GLOBAL
ENERGY FORUM**

Joint Venture Opportunities

★ 12 onshore

☆ 3 offshore

Bid Rounds:

- Open Blocks in Greece: onshore carbonate play
- Poland Q4 2022
- Romania – soon
- Georgia - soon

For more details, contact awilliamson@cgef.org



CANADIAN GLOBAL
ENERGY FORUM

Ukraine

Ukraine continues to produce oil and gas however gas production is down 79% as of March with 93% of the production having been in the north-eastern region of Kyiv-Kharkiv.

The Kremenchuk facility which processed 3.2 million tons of oil was struck in April and is totally unusable.

The natural gas production tax has increased but will stay the same for the newly signed 13 PSAs.

The taxation is only for the gas that is sold, gas which cannot be sold is being reinjected into underground storage, export of gas is banned.



CANADIAN GLOBAL
ENERGY FORUM

Contacts & Benefits

CEEC is a networking organization

Several key contacts were made with;

- companies interested in Eastern European energy individuals

- organizations to have MOUs with CGEF

- potential speakers for webinars & conferences

- new CGEF members

Opportunities;

- to promote Canadian technology & expertise

- learn about joint ventures

- bid rounds

- local business practices

- up to date technology



CANADIAN GLOBAL
ENERGY FORUM

CEEC - update

Recent changes;

- Name change; Central Eastern Europe and Caspian to Continental Europe and Energy Council
- Membership now includes Geothermal, Hydrogen, Helium, CCUS (not wind & solar yet)

Next Meeting



CANADIAN GLOBAL
ENERGY FORUM