

# Alberta Trade Mission to Kazakhstan and Türkiye Trip Report

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# Why and Where

- CGEF with asked by Alberta Ministry of Jobs, Economy and Trade to attend a joint Canada trade Commission and Government of Alberta Trade mission to Kazakhstan and Türkiye (September 2024).
  - Astana Kazakhstan
  - Almaty, Kazakhstan
  - Ankara, Türkiye
  - Istanbul Türkiye ( CGEF did not attend)
- To represent Canada Energy Business Expertise and CGEF membership.



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# Kazakhstan Energy Landscape

- 30 billion barrels of oil and 1.8 million barrels per day of crude oil.
- 85 trillion cubic feet and produces 2.9 billion cubic feet per day.
  - 1/3 of natural gas produced is reinjected
  - 1/5 used for energy associated with operations,
  - 2/3 for domestic use and export.
- Leading countries in its reserves of chromite, wolfram, lead, zinc, manganese, silver, uranium and lithium.



# Kazakhstan-Astana and Almaty

- Presentation to and individual/group B2B meetings with Kazak Operating, Service companies and associations.
  - Connecting with other trade mission attendees which are Canadian based energy operators and service providers looking for international opportunities.
- Total Energies
  - Condor Energy
  - Kazmunevgas (NOC oil producer)
  - QazakGas (NOC gas producer)
  - Kazgiproneftetrans KGNT [www.kgnt.kz](http://www.kgnt.kz) (Kazakhstan's largest service vendor)
  - Qazaq Green Association
  - Weatherford-Kazakhstan
  - KazService (Association of Oil service companies of Kazakhstan)
  - Petromining (Kazak Mining Association)
  - Attend KIOGE- Kazakhstan's International Oil and Gas Conference and Exhibition.



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# Learnings and Opportunities

- Energy Reform
  - Privatization
  - Upgrading infrastructure
  - Regulatory amendments (special economic zones-SEZ)
- Infrastructure and fuel conversion opportunities including upgrading district heating networks to natural gas or other renewable sources
- Renewable energy project are in early construction phases (mainly solar and wind)
- Canadian success in Kazakhstan
  - Condor Energy-CGEF member
  - Jori Logistics-Energy transportation
- Goods procurement: **[www.imbc.kz](http://www.imbc.kz)**

## Canadian Energy Companies Explore Carbon Capture Investment in Kazakhstan

BY AIBARSHYIN AKHNETKALI in BUSINESS, EDITOR'S PICKS on 24 SEPTEMBER 2024

ASTANA – Canada and Kazakhstan are exploring opportunities to invest in efficient oil and gas production and carbon capture technologies as a key strategy to reduce Kazakhstan's carbon footprint at the Canadian Alberta province energy session at the Astana International Financial Centre (AIFC) on Sept. 23 in Astana.



The event was attended by AIFC Chief Product Officer Daniyar Kelbetov, Canadian Ambassador Christopher Duggan, Energy Vice-minister Erlan Akkenzhenov, Kazakh Invest Deputy Chairman of the Management Board Madiyar Sultanbek, and government representative of Alberta Mario Krpan. Photo credit: The Astana Times



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# Türkiye- Energy Landscape

## Oil and Gas

- 371 MMbbls oil (proved)
- Tuna-1, Sakarya-Recent Black Sea discovery increased reserves to 23 TCF

## Geothermal:

- 1.7 GW (installed)
- 63 geothermal power generation plants
- ~3.5% total electrical production

**\$40 B/yr on energy imports**

## Energy mix

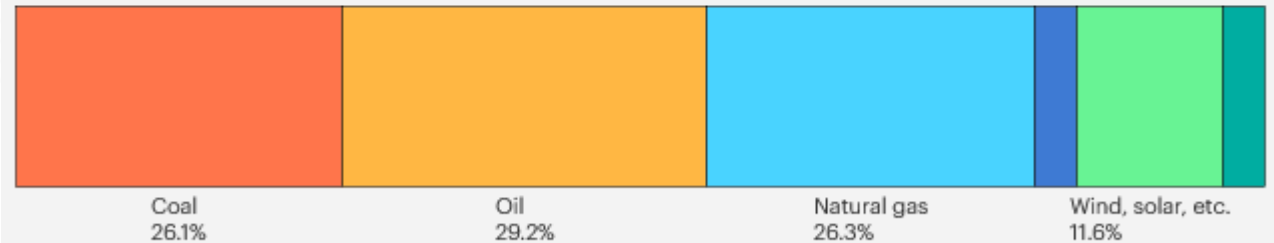
Total energy supply, Türkiye, 2023

Total energy supply

Production

Electricity

Consumption



# Türkiye- Ankara

- Presentation to and individual/group B2B meetings with Turkish Operating, Service companies and associations.
  - İçtaş Energy
  - GYP-producer and rig owners
  - SA-RA Group
  - Ankara-Chamber of Industry
    - Consists of 9000 members and 40 professional Committees
  - TPAO Türkiye Petrolleri Anonim Ortaklığı
    - \$5bn /yr in investment- actively seeking investment opportunities globally



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# Learnings and Opportunities

- Well established energy service sector.
- Focused on securing resources and natural gas via out of country investment
- Opportunities for technologies and expertise to be applied to existing energy production and new industries, such as geothermal.



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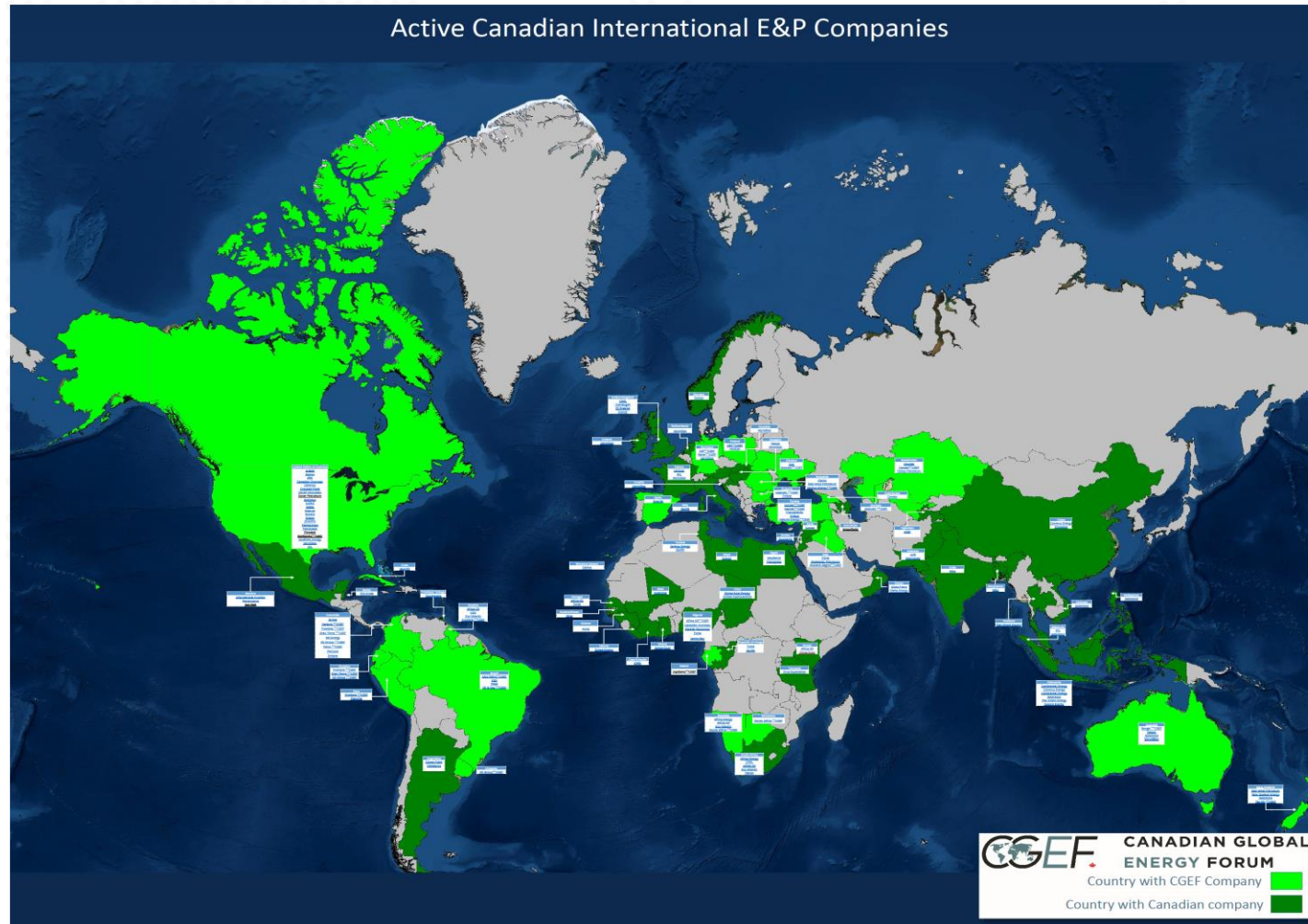
# Trade Mission Presentation



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# Canadian Global Energy Forum (CGEF)

*Canada's  
Energy Global  
Energy  
connection*



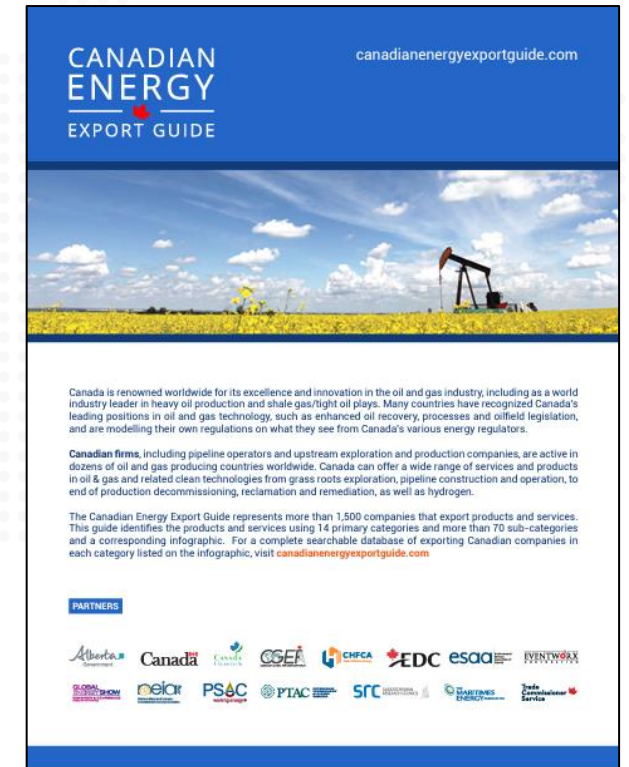
[www.cgef.org](http://www.cgef.org)



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# Canadian Service Companies

- Geology and Play Development Capabilities
- Exploration Geophysics
- Drilling, Well Completion & Stimulation, Pumping services
- Reservoir Engineering
- Field Development and Infrastructure
- Enhanced Oil Recovery (EOR)
- Oil and Gas Pipeline and Processing Facilities
- Clean Technologies and Environmental Management
- Health and Safety
- Training
- Offshore Development



Source: [Canadianenergyexportguide.com](http://Canadianenergyexportguide.com)



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# The Canada Advantage

- Highly skilled workforce has experience in the full spectrum of oil and gas exploration, development and re-development in all types of reservoirs and reservoir fluids
- Canadian energy industry has a compelling track record of proven expertise and innovation in the development and application of the latest technologies
- Excellent overseas record of Corporate Social Responsibility (CSR)
- Canadian Energy companies have open access to capital markets through TSX and TSXV
  - Strict corporate governance and strong anti-corruption laws apply to companies operating abroad; clean reserves reports [NI 5101]
- Canada is politically and economically stable and our banks are regulated .
  - translates into a stable environment for Canadian companies operating abroad
- Canadian F/X rate **\$1 CAD = \$0.70 USD** means the highest standard of operations and services are available at very competitive prices



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