



Welcome to Kazakhstan
VII World Petroleum Council
Alma Aty: September 29-October 02, 2022



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Sr. Excellence Lead Expert & Director

- THE EUROPEAN INSTITUTE FOR MULTIDISCIPLINARY RESEARCH
- THE CENTER FOR INTERNATIONAL RELATIONS AND LOBBY
- VEST ENERGO ROMANIA
- BITUM LOGISTICS CO & Profal Industry
- Member of the Board-Oges G P ltd., India

OIL & GAS PRICE

Calculation – Prediction – Impact



Quick Info



- Select entries to get free trial access to our premium conference
- For others mail to: sorin@vestenergo.ro, sorin.dobircianu@gmail.com
- You may reconnect any time using our partners in the London, UK as well as in Canada, the USA, Europe, Romania.
- Please provide your contact information below, and you will receive an email with a special matrix to access the compendium.

Please
complete our
survey before
you make an
exit

We want to hear from you!

Support

- Every and each company is important!
- Every company has something to offer, every company needs local and international partners as well!
- We need a government for supporting us!



Quick Info:

- our *favorite part about working at Eurototal Comp., Bitum Logistics, Vest Energo S. A. Profal Industry*

- *is THE ABILITY TO TRULY COLLABORATE with customers*
Our Motto:

“ Where the great minds come together!”

- Our global platform: www.eurototal.eu
(eurototalcomp@eurototal.eu) where you may submit your text & verbal questions and comments using the question panel.

Since the XV century, Romanian chronicles and foreign travelers described the way in which farmers had collected crude oil around springs or the way in which they drilled pits in extremely difficult and highly dangerous conditions. Pacurita on Trotus Valey, Moinești (Bacău country) and Păcureți (Prahova country) are area mentioned with archaic oil exploitation by pits

1856 - Theodor Mehedinteanu has commissioned the first oil refinery at Rafov, near Ploiești

1857 - The Science of Petroleum, an Oxford University publication, stated that the first recorded production of crude oil in the world was recorded in Romania when had produced 275 tons.

1857 - The main streets in Bucharest were endowed with street-lamps for lighting using kerosene, other Romanian world premier.

1861 - was drilled the first well in Romania at a depth of 150m.

1895- was established the Romanian oil company “Steaua Romană” with a support on the London finance market , by Romanian Oil Trust Ltd.

1898 - “Steaua Română” finalized its refinery in Campina

1898 - was set up in Campina the first manufacturing sheds for petroleum equipments and installation

1906 - was founded the Romanian Geological Institute

1907 – was held in Bucharest the third World Congress of Petroleum

1909 – was discovered the first natural gas field in the Transilvania Basin at Sărmășel

1934 – Brazi refinery was founded by “ Creditul Minier

1936 - with 8,7 million tons Romania ranked the 6th place on the world petroleum producers.

1940 - the first gas underground storage was carried out by “ Astra Romana” on the Boldesti field

Romanian Oil and gas Fields of Industry:

Research (ISPE, ISPIF, Petrostar etc)

Geology & Seismic (The National Institute for Geology)

Drilling

E & P

Transporting (Piping & Railroad Systems) CONPET & PETROTRANS

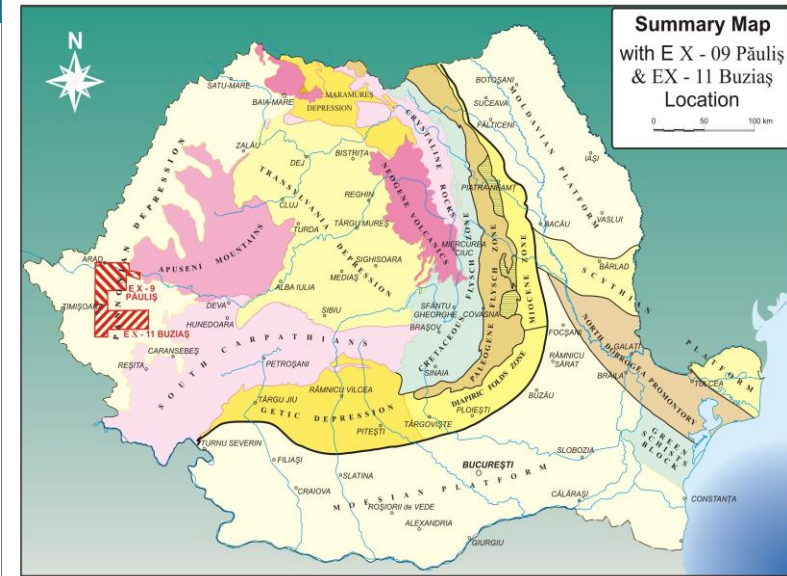
Refinery: LukOil, TRG KMG, OMV Petrom

Downstream

Environment

- Experience the best papers from the Society of Petroleum and Gas Engineers = a complex and extended work of compilation of scientific research studies and the best process safety papers, focused on emerging trends from research and the field.
- The technical papers were carefully selected by an editorial team made up of your peers. It will provide fresh and real-world perspectives for you to use in your day-to-day job.

Policy: the Government of Romania decided to extend the areas of investments by establishing, starting to operating several sub funds, specialized in conventional energy (crude oil, natural gas), green energy, agriculture and food, health and education.



Romania is the largest oil owner of Hydrocarbons in the region and has a long tradition in the history of Crude oil exploiting and processing.

The companies in this industry have been keeping the business' levels even during the economical crisis, and the outcome projects promise spectacular evolutions for both On Shore and OFF Shore, forecasting for about 17 billion EUR by using:

New technologies, and 12 of the most reliable and the biggest companies from the first 20 energy companies

Moreover, the Romanian Tradition in HC is leveraging as superior curriculum in 5 different universities as well as 40 high schools specialized in oil and gas.

Hundred of thousands of people work in the sector and the national income average is much overcome.

Environment, ecology, eco-systems balancing as well as decreasing the pollution effects.

(Case study: Murov 1-TRG-Kaz Munai Gaz-Rompetrol gaz refining in Romania)

The Evolution of Oil and Gas Industry up to date:

The post war history of Romanian oil industry started with the discovery of new petroleum systems: Gettic Depression (1953), Moesian Platform (1959), Pannonian basin (1963) and the Black Sea Shelf (1979).

The peak of the oil production was recorded in 1976 with 14,6 million tons (282000 BOPD). *Mean time, the discovery of significant natural gas field in the sixties and seventies, especially in the Transylvanian Basin, Gettic Depression Moesian and Moldavian platforms, increased the production to 36.2 Billion cm (1.2 billion CFPD)

Since 1974 for crude oil, and 1986 for natural gas, the production is declining, because of a lack of new significant discoveries. Even in these circumstances, with a domestic production of about 5 million tons per year Romania is the most important producer in Central Europe and Balkans area. The natural gas production currently record 11 billion CM, covering 70% of the internal gas consumption.



- Interdependence on the Russian, or Caspian Energy Conventional Resource & the UE Relationship
- New strategies of the European Agency for Energy for conventional resources as well as the communitarian policies
- Alternative Energy Sources in Romania:
- Green Energy markets for:
 - *Solar*
 - *Geothermal*
 - *Wind*
 - *Co-Generation*
 - *Tri- Generation*
 - *Hydro Power plants*



The
peak Oil
Scare
and the
coming
Oil Flood

FORECASTING OIL & GAS PRICES

- Are prices stochastic?
- *No, just complex*
- Economic bottom very low
- But traders decide
- *Government policy extremely important*
- *Saudi view of sustainable price*
- *How many others equal Saudi ability to cut?*
- New spike always a possibility



Source: #Oges-Oil-Price-Webinar
The Peak Oil Scare and the coming Oil Flood
Book By : Dr. Michael Lynch

Key factors

Chinese economy

Global economy

New Challenge in Europe

- Political uncertainties:
 - Venezuela
 - Libya
 - Iraq
 - India
 - Malaysia
 - Indonesia
 - Central Europe
- Challenges**

US Shale Oil

Iranian Supply

- Shell Oil & gas Supplies
- Shell OIL: Boom or Bust?
- Boom at \$ 100, Boost at \$ 50?
- Some see high costs
- BERMAN: 1% of bakken wells profitable
- Most static estimates
- Drilling has dropped sharply
- Nearly all breakeven estimates at \$60
- Many higher larger companies report significant profits at \$50/BBL
- Small producers have huge debts load

Saudis reverse course
Accept weakness at
temporary
Smaller members Rich
Agreement

Need to absorb 1 M B/day
(Stocks)
Non-OPEC Drops Sharply
Shale

Evolution of B/D per Rig

Demand boom
Chinese Economy
Low prices' impact

Supply disruption
Venezuela <but
temporary>
Price ceiling: shell oil costs

January - 2009

June - 2022

OIL

Bakken	190	631
Eagle Ford	33	720
Haynesville	5	27
Marcellus	5	38
Niobara	44	497
Permian	88	296
Utica	12	293

Principal factors for OIL PRICE calculation

- International Trade
- International Relations/Challenge
- Overseas Energy Policies
- National Defence & Intelligence
- Financial programs for different Governments
- Poll question:
● “How connections to Banking System impacting OIL & GAS Prices? “

Oil & Gas Markets and Macro Systems

- USA - China Relationship
- USA - Russia Relationship
- China - Russia Relationship
- Southeastern Asia Macro-system Strategy
- Sync with Hong Kong and China
- Northern America (The US/Texas & Alaska and Canada)
- BRICS
- RIAC
- Marsh McLennan
- Cornerstone Holdings
- GOC-Partners
- Vanguard
- Podesta; Putnam

Upcoming Strategies and Endeavors in Global Oil & Gas Markets Overseas

- ASIA – US
- The Arctic Zone & Alaska
- China & Japan [to including the South-Eastern China Sea]
- Europe (new challenges at the buffer zone)
- Middle East (to including Eastern and Western Gulf)
- The Black Sea Energy Region
- The Caspian Sea Energy Region
- Turkey

The Future of OIL & GAS Industry & Markets



- **Strategic International Alliances in Europe and elsewhere:**

Mutual arrangements for: Exploring, Drilling, Pumping, Storage, Refining & Processing, Down Stream, Trading, Shipping, Pipeline

Technologies for:

- **Artificial Lift**
- **Well Testing**
- **Sub-Surface**
- **Slickline/E-Line**
- **Coil Tubing**
- **Re-Completions**
- **EOR**
- **Water Injection**

The pivotal role of players from West and East

- Marsh Mc Lennan Companies (Marine & Energy)
- Fortune Five Hundred
- Exxon
- Texaco
- Baker Hughes
- Chevron
- Slumberger
- Petro Canada
- British Group
- British Gas
- British Petroleum
- Confindustria Italiana
- OMV
- DNO & Statoil
- OPIC
- Eurototal Comp
- Profal Industry
- Bitum Logistics CO
- Elkam
- Cornerstone Holdings Corp.
- GOC Partners
- IFP
- Royal Dutch
- PVT AUSTRIA
- Shell
- Manat Jones Global

Exclusive Insight From Oil Industry Experts – How To Survive The Current Drop In Crude Oil Prices

Watch Global Experts speaking on Oil price Predictions, Calculations and impact on oges.

- *The famous and exclusive Overseas specialized organization/entity OGES India and their Expert Knowledge Platform re-profiled the revised new updated strategies worldwide concerning: buy-sell, case analysis, research, new technology, know-how and due diligence continuously getting the global oil & gas new concepts, regarding the required macro-studies of the Asia Energy matrix.*

- *According to OGES India as well as in accordance with our strategic Partners internationally such as GOC Partners, EuroTotal Comp., PVT Austria, Profal Industry, Bitum Logistics, the new OIL & GAS Sectors will profile, extend, develop and leverage as follows:*



Ogges

KNOWLEDGE PORTAL

EuroTotal Comp and Bitum Logistics The Largest and the Most Dynamic **Oil & Energy** Board Platform in Eastern Europe

- oil industry experts to reveal their opinion of how the dramatic the pollution will further affect the industry, our life's quality and offer advice to those governments who faced infringement or fear they will.
- Leading oil industry experts from EuroTotal Comp, Profal Industry, VEST ENERGO.S.A. PV TECHNOLOGIES AUSTRIA and Bitum Logistics CO Romania offer valuable advice on the affects of the current Environment matters of great importance.

New special engineering & hi tech and scientific research solutions for the revised Global emergent and integrated Overseas Energy markets:

“ Composition and Process for IN SITU Treatment of Acid Tar and Contaminated Soil “ [WO2021221524]

EuroTotal Comp

Bitum Logistics

Profal Industry



- It is known that Romania is one of the leading countries in the world in the oil industry, with a tradition of oil production, oil equipment and refineries for over 130 years.
- The Key to SUCCES lies in the company's quality assurance, competitive prices, customer care for all clients whether larger or small.
- Its main purpose, in addition to that of meeting local, regional or Macro markets NEEDS, is to focus on the major clients in the oil and gas industries from Kazakhstan, Azerbaijan, Turkmenistan, Kyrgyzstan, as well as major Caspian players
- The Partners overseas between EuroTotal Comp and Bitum Logistics CO as main entities of Romania, together with the Government entities, departments, agencies, ruling authorities (NAMR, RAE-Regulatory Authority for Energy) and public companies were created out of the need to serve the expending oil and gas industries in the Black Sea & the Caspian Sea Region.

The Northern Sea & The Black Sea connected on The Danube River:

commodities markets



**Danube is crossing Europe connecting Black Sea
with North Sea through Rhein River**

The Black Sea & The Caspian Sea Region:

- The Aktau Hub for accessing the European macro market
- < TRG / MUROV 1 / KMG / Rompetrol / long term strategies >
- Baku Azerbaijan: for AGRI & Socar Projects
- Constanta Romania – future intermediate connection Aktau etc.





PVT

AUSTRIA



**BLACK SEA - CASPIAN SEA
REGION**



**PARTNERS
FOR THE FUTURE**



Partners
for the future at
the Black Sea - Caspian Sea
region for
transport & construction
materials in
oil & gas industry



**Your partner for the future
at the Black Sea - Caspian Sea
region
where we can
make money together**



MAIN GAS PIPELINES IN EUROPE



— Existing gas pipelines

- - - - Proposed gas pipelines

SOURCE: Petroleum Economist

The Romanian Oil & Gas Sector

Is present through joint ventures in

Romania
Bucharest

Austria
Vienna

Bulgaria
Sofia

Hungary
Budapest

Serbia
Belgrade

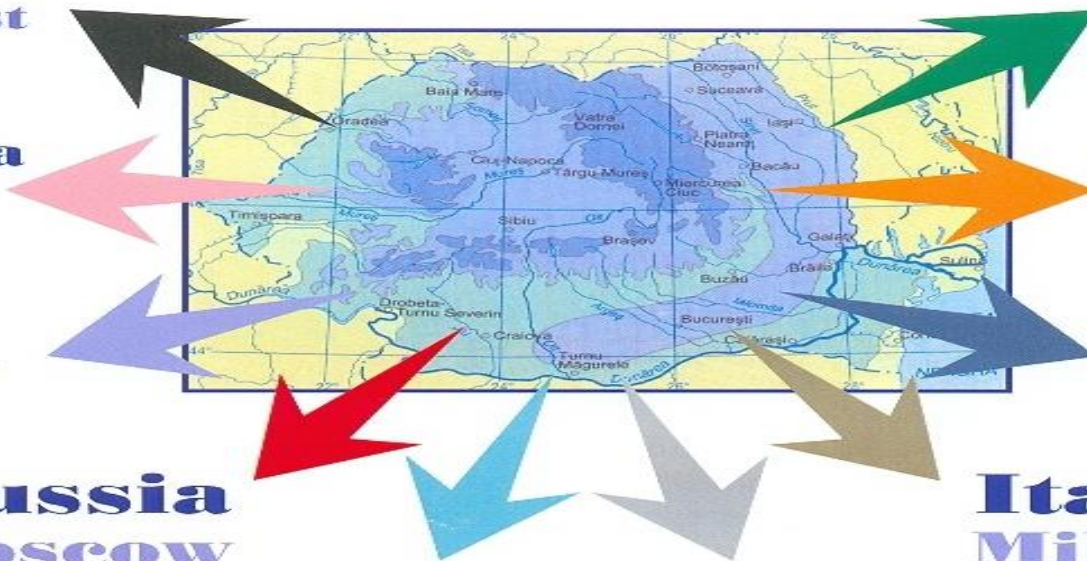
Poland
Warsaw

Russia
Moscow

Italy
Milan

The Netherlands
Rotterdam

Germany
Frankfurt



Our message:

Three International Solutions

- 1. Financing from our Overseas Funds
- 2. Political support from our allies and partners:
 - < *direct access to negotiations for the new world's energy matrix as well as for mutual major interests*
- 3. Opening for our friends from Kazakhstan:
 - < *Kazakhstan is five times larger than France, it has natural resources of Oil & Gas more than Saudi Arabia.* >





Competition & Cooperation

- We are looking forward that the
- Romanian
- Caspian
- Kazakhstan
- European
- spirit to meet each other and to compete.
- Because competition is good.



**So, Let's build together and continue our success story!
We are proud that we are the most reliable friends
and trustful partners of both
Romania, Europe
and
Kazakhstan and its strategic partners
in the Black Sea-The Caspian Sea Region and Eurasia**

Thank You!

**KAZAKHSTAN, ALMA-ATY
September 28-October 02, 2022**