

MGD project in the Romanian Black Sea

oil & gas

Black Sea Oil & Gas - Overview



Black Sea Oil & Gas SRL (BSOG): Romanian based independent oil & gas company

BSOG head office and all staff (technical, commercial and financial) are located in Bucharest, Romania

BSOG's flagship is the Midia Gas Development Project

BSOG also undertaking offshore exploration

FID for MGD Project taken in February 2019

2 WELLS

2021

Exploration in 2018

Project on stream

Two shareholders: Carlyle International Energy Partners (CIEP)

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The European Bank for Reconstruction and Development (EBRD)

1 fund of 128 funds of Carlyle Group, a private equity firm with \$158Bn assets under management

EBRD became minority shareholder in November 2017

BUCHAREST

Staff located in Romania

\$158Bn

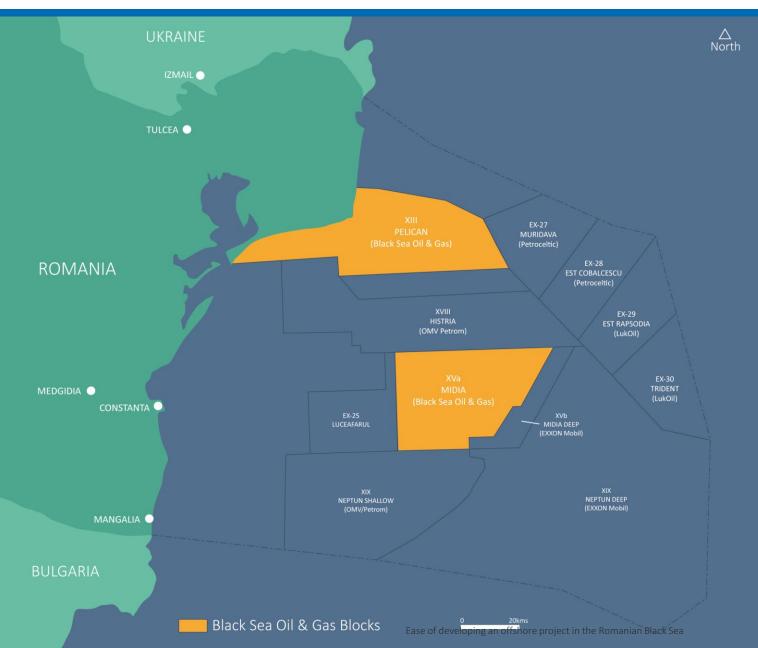
Main shareholder assets under management

Concession Map



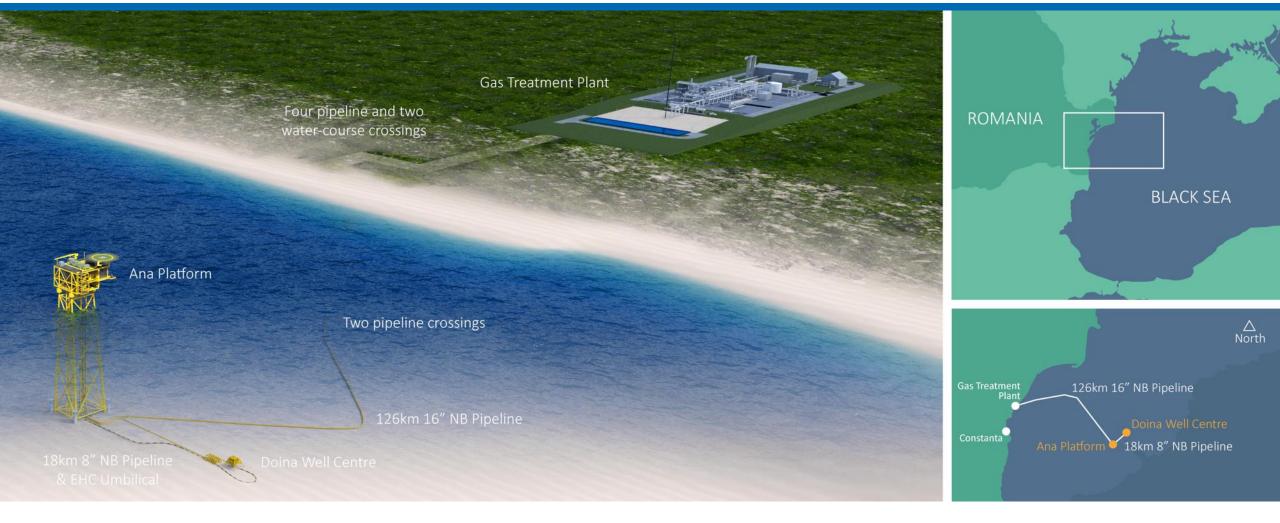
Midia and Pelican Blocks

Black Sea Oil & Gas SRL 70%
Petro Ventures Resources SRL 20%
Gas Plus International BV 10%



Midia Gas Development Project





FID February 2019 • 10 Bcm Resources • 1 Platform with 4 wells • 1 Subsea well • 126km transport pipeline • Onshore gas plant

The Opportunity



Deloitte.



The contribution of Black Sea oil & gas projects to the development of the Romanian economy

Deloitte study for offshore* found the following contributions to the Romanian economy:

	Offshore Industry	New Consumption Industries
GDP Output	\$71.3 Billion	\$98.9 Billion
Jobs	30,605	41,945
State Revenues	\$26 Billion	\$18.3 Billion

 In addition Romania moves from being dependant on Russian gas to being self sufficient and a net exporter

^{*}Report published in May 2018 by Deloitte Romania

Top challenges



Transparent and Liberalized gas market – not achieved by the Offshore Law and GEO 114

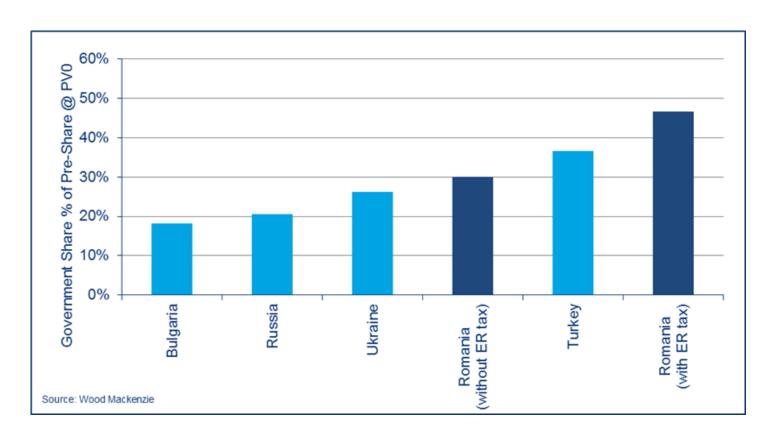
- Independent from political influence
- Gas price pegged to international index recognised by Banking community
- Free movement of gas

Fiscal Stability - not achieved by the Offshore Law and GEO 114

• Royalties and taxes fixed for duration of concession on basis of what was agreed at Contract signature

Black Sea Fiscal Benchmarking by Wood Mackenzie of MGD Project





Summary of Modelled Fiscal Terms: Romania excluding Offshore law

Summary of Modelled Fiscal Terms: Romania including Offshore law (Nov 18)

Prerequisites



Clear objectives with respect to Foreign Investment are a must:

- Determine upfront if foreign investment is wanted
- Requires cross political support due to long term nature of investment
- Good political governance and a corruption free environment will attract higher quality investors
- "Good Investors" versus "Bad Investors" is the right criteria rather than whether they are Foreign Investors

List of countries receiving foreign direct investment (FDI)*

Rank +	Country	Stock of FDI at home (millions of USD)	Date of information
1	Netherlands	4,888,000	31 December 2017 est.
2	United States	4,084,000	31 December 2017 est.
3	United Kingdom	2,027,000	31 December 2017 est.
	₩ Hong Kong	1,901,000	31 December 2017 est.
4	China	1,514,000	31 December 2017 est.
5	■ Ireland	1,477,000	31 December 2017 est.
6	Germany	1,455,000	31 December 2017 est.
7	Singapore	1,285,000	31 December 2017 est.
8	♣ Switzerland	1,230,000	31 December 2017 est.
9	■ Belgium	1,093,000	31 December 2017 est.
10	■◆■ Canada	1,045,000	31 December 2017 est.



Conclusion: The richest countries in the world are the biggest beneficiaries of FDI

*Source: CIA World Factbook

What about FID?



Taken under assumption that BSOG will successfully be able to restore all of their rights with respect to the removal of the recent legislative changes:

- Supplemental tax
- Gas marketing restrictions
- Gas price cap
- 2% ANRE contribution



Black Sea Oil & Gas SRL

175 Calea Floreasca, 10th floor, Sector 1, 014459, Bucharest, Romania

www.blackseaog.com