

85% -SUCCESS RATE 25 fields 81 wells 166 well tests

Accurate prospecting of hydrocarbon reservoirs of different morphology and origin

Reliable forecast of the initial reserves and production rate

Substantial decrease of dry hole likelihood

Cost-effective solution



NATIONAL STRATEGY FOR SUPPLYING UKRAINE WITH OWN HYDROCARBON RESOURCES BY 2030

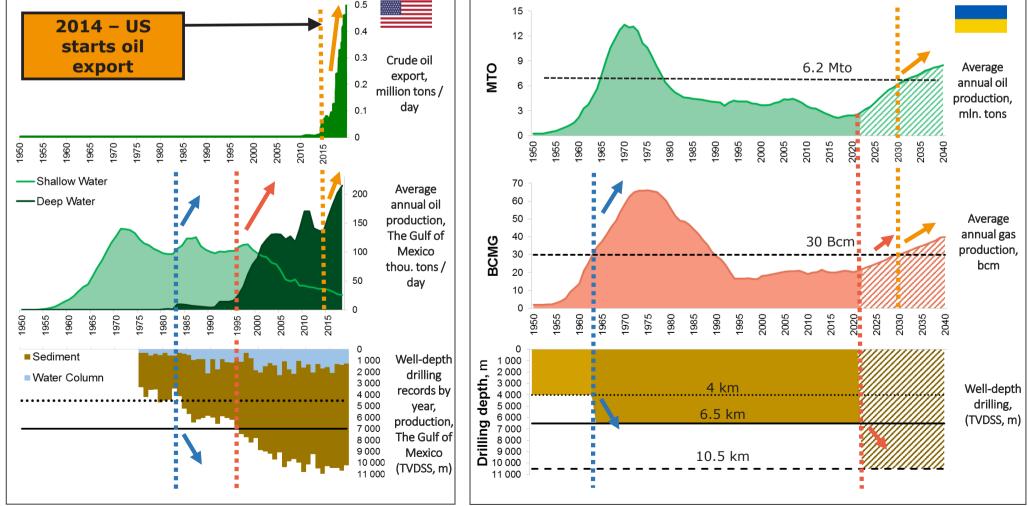
NATIONAL STRATEGY FOR SUPPLYING UKRAINE WITH OWN HYDROCARBON RESOURCES BY 2030

The goal of the strategy is to stop the decrease of domestic gas production in short terms (1-2 years), to ensure sustainable production of domestic gas (at least 30 billion m³ of gas and 6.2 million tons of oil) in the medium terms and to start export of hydrocarbons in the long terms.

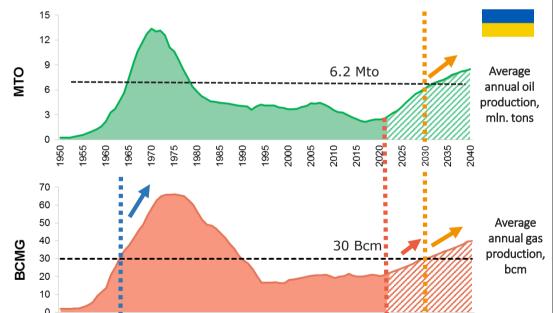
Nº	Project	Legend	Exploration area, km ²	Perspective reserves, mln. ToE				
	nal Strategic Projects to Increase Gas nercial Hydrocarbon-Bearing Reservo		on in Ukraine	by Mapping				
1	Black Sea deepwater and shelf		75 270	5 400				
2	Carapaces of Central part of DDD		12 150	1 754				
3	Non structural traps within DDD and Carpathian oil and gas province		176 910	500				
4	Shale gas within Teisseyre-Tornquist zone including Oleska PSA		23 460	4 000				
5	Tight gas reservoirs including Juzivska PSA		8 180	15 000				
6	Weathering crust and desintegration zones of the crystalline basement of Northern Slope of DDD		39 770	45				
7	Turnean and visean carbonate TBR reservoirs of the central part of DDD		24 060	5 000				
8	Krosno zone		3 270	158				
9	4-th stage folds of Boryslav-Pokyttia zone, depth interval 5-9 km		2 100	319				
10	Deep commercial gas-bearing reservoirs in Shebelynka gas-condensate field	☆	240	31				
11	Total onshore		290 140	26 807				
12	Total offshore		75 270	5 400				
13	Total		365 410	32 207				
International Strategic Projects to Increase Gas Production by Mapping Commercial Hydrocarbon-Bearing Reservoirs								
1	Black Sea deepwater and shelf. International Consortium		211 260					
2	Krosno zone. International Consortium		6 830					
3	Total		218 090					

REORIENTATION ON NATIONAL HYDROCARBON PRODUCTION ONTO THE DEEP HORIZONS IN DNIEPER-DONETS BASIN AND CARPATHIAN OIL&GAS BEARING REGION IS THE ONLY WAY TO INCREASE PRODUCTION VOLUMES UP TO 30 BILLION M³ OF GAS BY 2030

The history of oil production rising in the Gulf of Mexico due to the reorientation on the development of hydrocarbon-bearing reservoirs at depth >7 km, which led the US to become the world's largest exporter of hydrocarbons.



The history of gas and oil production rising in 1963 in Ukraine reorientation on the development of hydrocarbon-bearing reservoirs at depth >4 km. The prognosis of hydrocarbon production rise due to the development of hydrocarbon-bearing reservoirs at depth >6.5 km.



It took 10 years to restore hydrocarbon production in the US. It took another 7 years to start exporting hydrocarbons from the US. Data for USA taken from «Deepwater Gulf Of Mexico Report 2019 (BOEM 2021-005) Department Of The Interior Bureau Of Ocean Energy Management, 2021» Ukraine has sufficient hydrocarbon resources and a revolutionary technology for comercial HC-bearing reservoir mapping. Drilling equipment and technologies are ready for guick discovering and development of hydrocarbon-bearing reservoirs at depths >6.5 km



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