DEPROIL

DETAILED OIL & GAS PROSPECTING

- 32 Btoe of prospective reserves
- Deepwater fan in the Black Sea: 2.1 Tcm of gas
- Carapaces of the Dnipro-Donets basin: 104 Bcm of gas
- Shale gas of Precarpathian region: 4 Bcm of gas

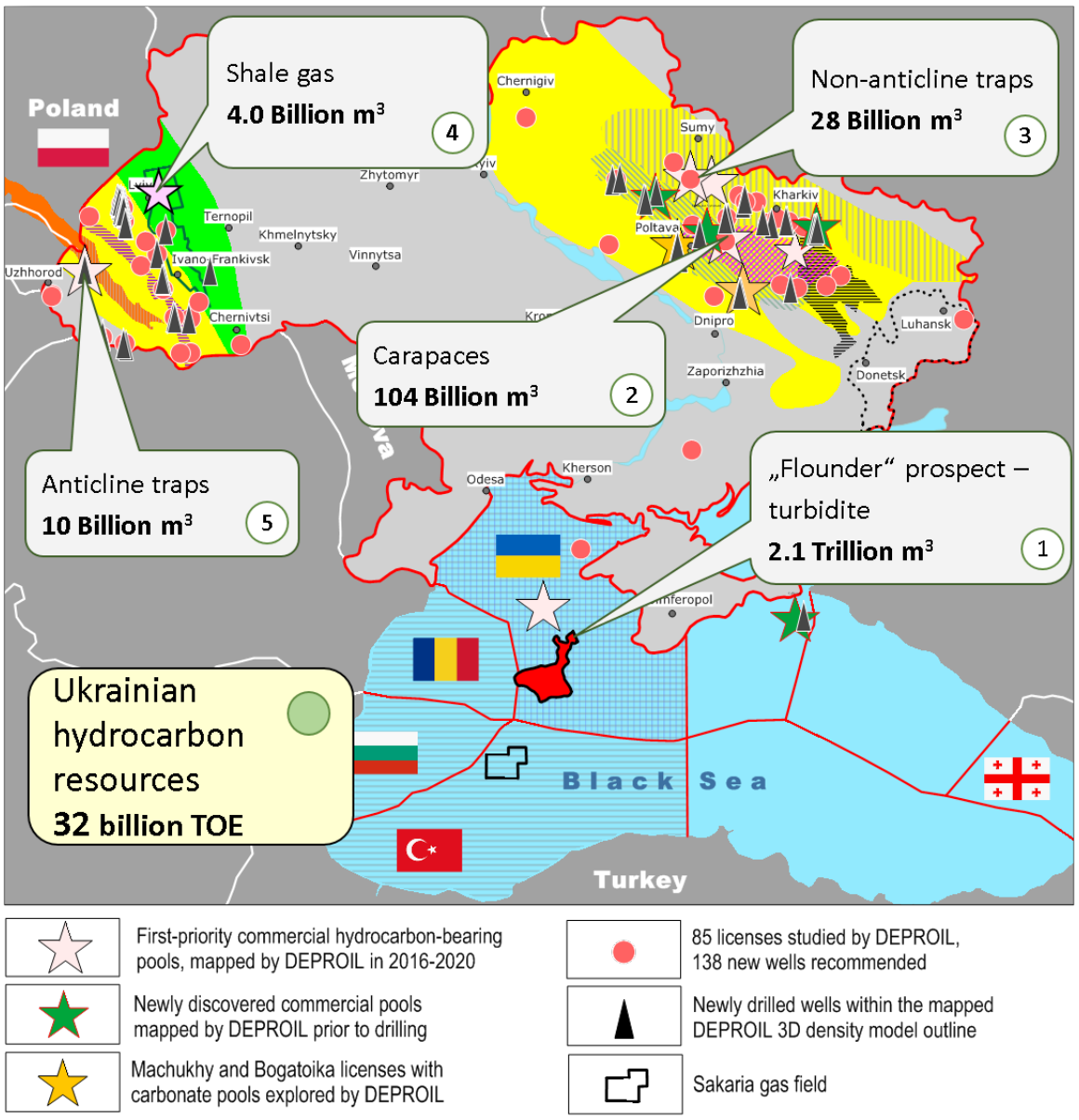
NATIONAL STRATEGY FOR DOUBLING UKRAINE'S DOMESTIC HYDROCARBON PRODUCTION BY 2032

NATIONAL STRATEGY FOR DOUBLING UKRAINE'S DOMESTIC HYDROCARBON PRODUCTION BY 2032

The strategy aims to increase domestic gas production by 10% annually in a short term (1-2 years); in the medium term, to ensure domestic gas production growth by 15%; to double production up to 38 billion cubic meters of gas by 2032; and to prepare a resource base enough to start export of hydrocarbons in the future.

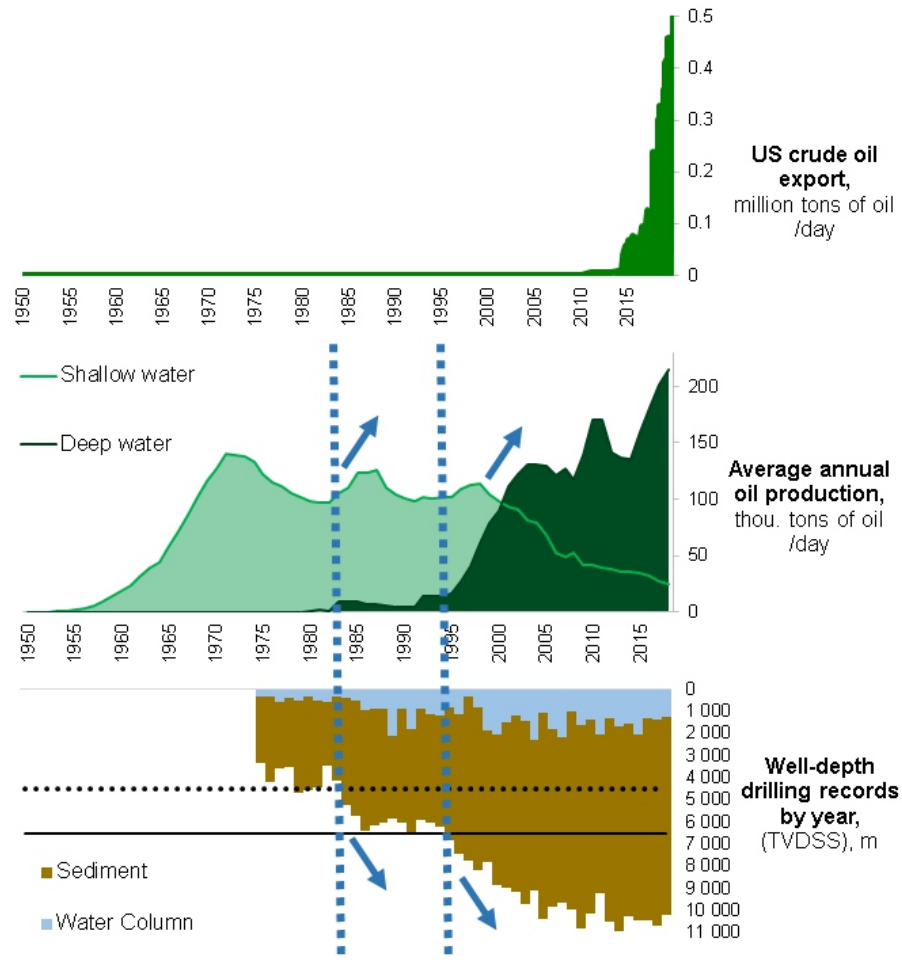
№	Petroleum systems of exploration and appraisal stages by classification of Prof. Rudolph	Legend	Area, km²	Perspective reserves*, Mtoe
Directions of identification of commercial hydrocarbon pools				
1	Black Sea deepwater and shelf		75 270	5 400
2	Carapaces of the central part of the Dnipro-Donets basin (DDB)		12 150	1 754
3	Non-structural traps of the DDB and the Carpathian oil and gas province		176 910	500
4	Shale gas within Teisseyre-Tornquist zone, including Oleska PSA		23 460	4000**
5	Tight gas reservoirs, including Juzivska PSA		8 180	15000**
6	Weathering crust and desintegration zones of the crystalline basement of the Northern Slope of DDB		39 770	45
7	Tournaisian and Visean carbonate TBR reservoirs of the central part of the DDB		24 060	5 000
8	Krosno zone		3 270	158
9	4-th stage's folds of the Boryslav-Pokyttia zone, depth interval 5-9 km		2 100	319
10	Deep hydrocarbon accumulations of big fields, i.e. the Shebelynka field	☆	240	31
11	**Total onshore**		**290 140**	**26 807**
12	**Total offshore**		**75 270**	**5 400**
13	**Total**		**365 410**	**32 168**
International Projects to Increase Gas Production by Mapping Commercial Hydrocarbon Reservoirs				
1	Black Sea deepwater and shelf. International Consortium		211 260	
2	Krosno zone. International Consortium		6 830	
3	**Total**		**218 090**	

* Study results by DEPROIL ** Other researches' data



EXPLORATION OF DEEP HORIZONS OF THE DNIPRO-DONETS BASIN AND THE CARPATHIAN OIL-AND-GAS REGION AS A MAJOR WAY TO DOUBLE HYDROCARBON PRODUCTION IN UKRAINE

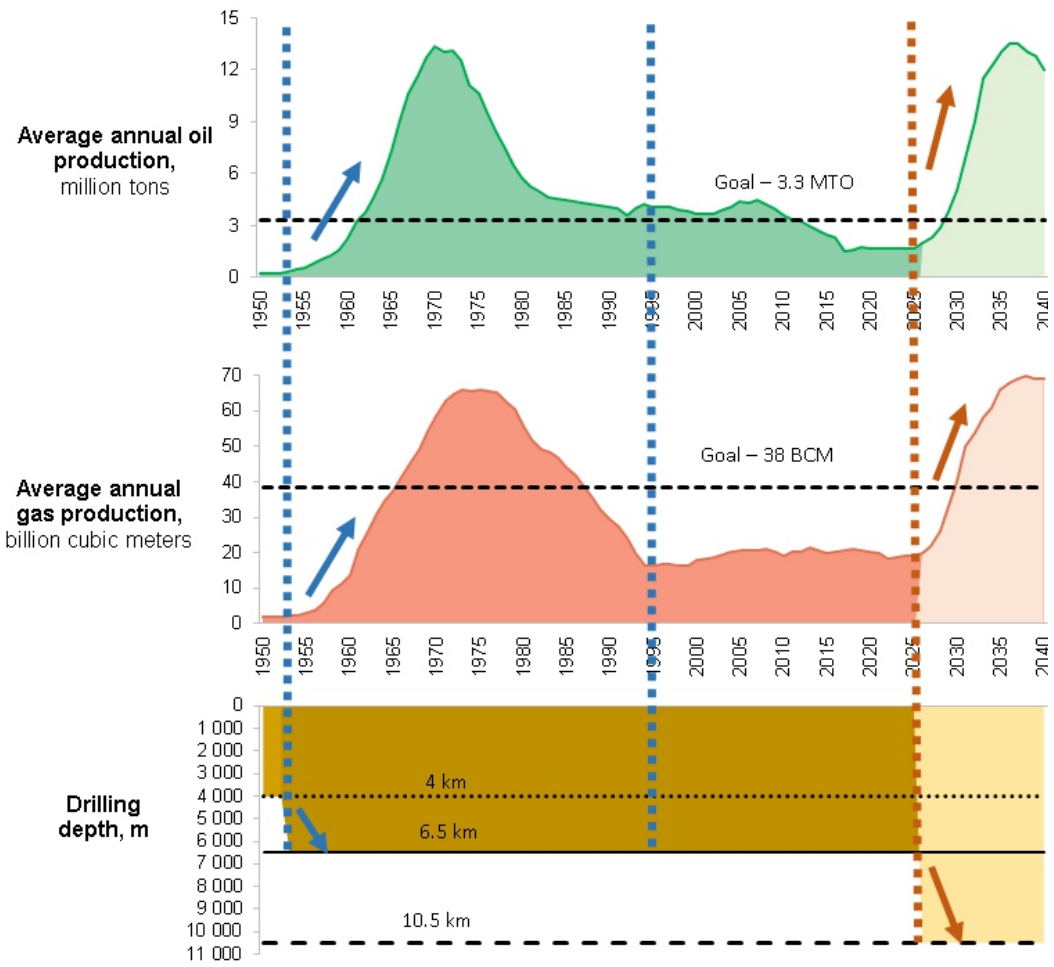
The history of oil production growth in the Gulf of Mexico in the United States and its connection with the exploration of depths exceeding 4 and 7 km.



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»

The history of oil and gas production growth in Ukraine in 1963 and its connection to the start of exploration at 4–6.5 km depth, and the forecast of hydrocarbon production growth due to the exploration of hydrocarbon pools at depths exceeding 6.5 km.



Ukraine possesses ample hydrocarbon resources and innovative technology for mapping commercial hydrocarbon pools of any type and depth, while drilling technology is ready for the rapid discovery and development of these resources, including those at depths exceeding 6.5 km.

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