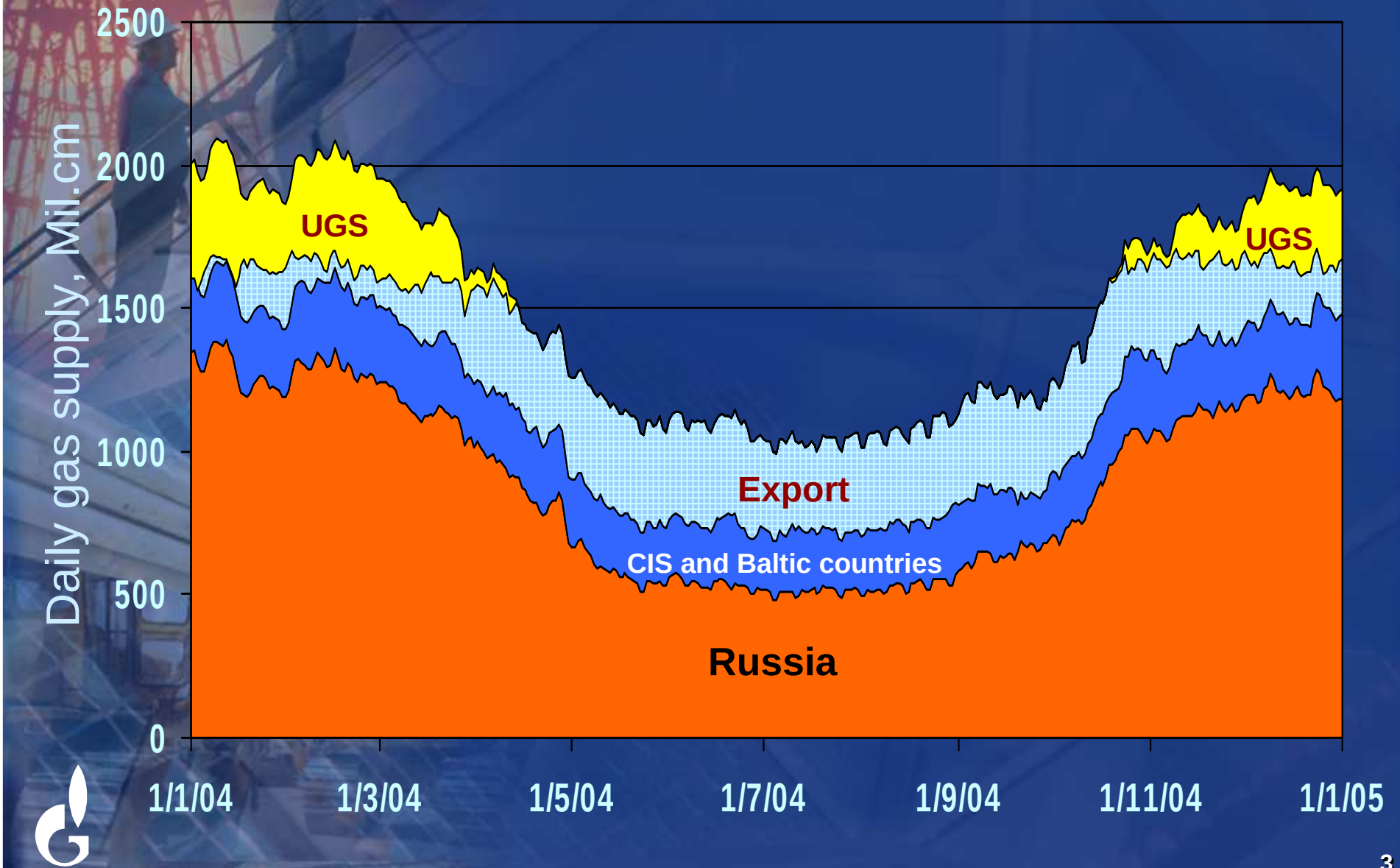
Dr Sergey Khan
JSC Gazprom Long-Term Reservation System as a Factor of Reliability and Economic Sustainability
6 June 2006

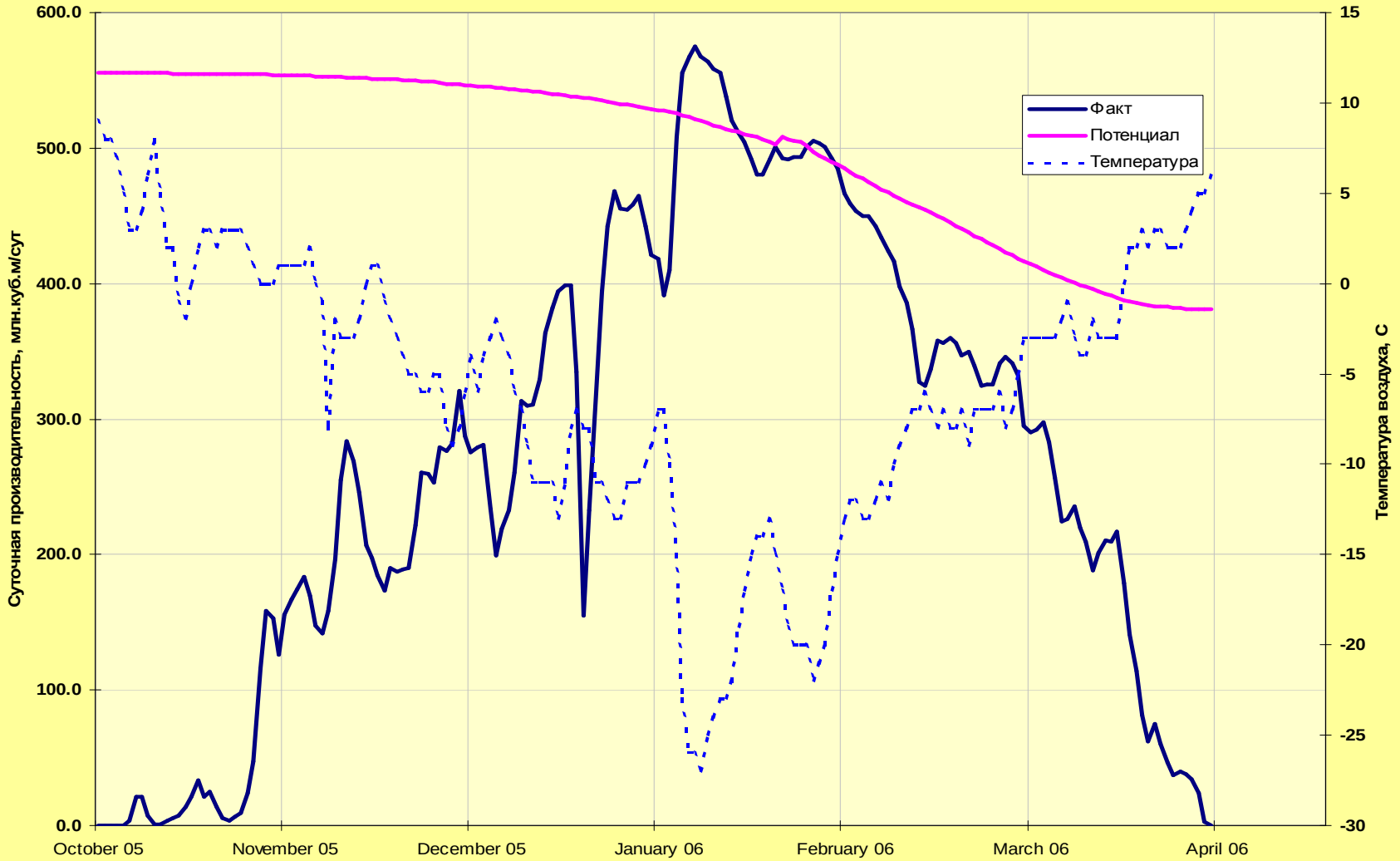
Russian UGS System in winter seasons

	Units	2005-2006	2006-2007 (expected)
Working volume (excl Long-term reserves)	Bcm	62,6	63,0
Withdrawal volume	Bcm	48,3 77,2%	47,8 75,9%
Maximum daily output			
– at the beginning of season	Mil.cm	568,0	594,0
– fact at 19.01.2006 г.	Mil.cm	572,4	
– sum of fact maximums	Mil.cm	583,4	
- possible average during Dec-Feb	Mil.cm	477,0	488,0

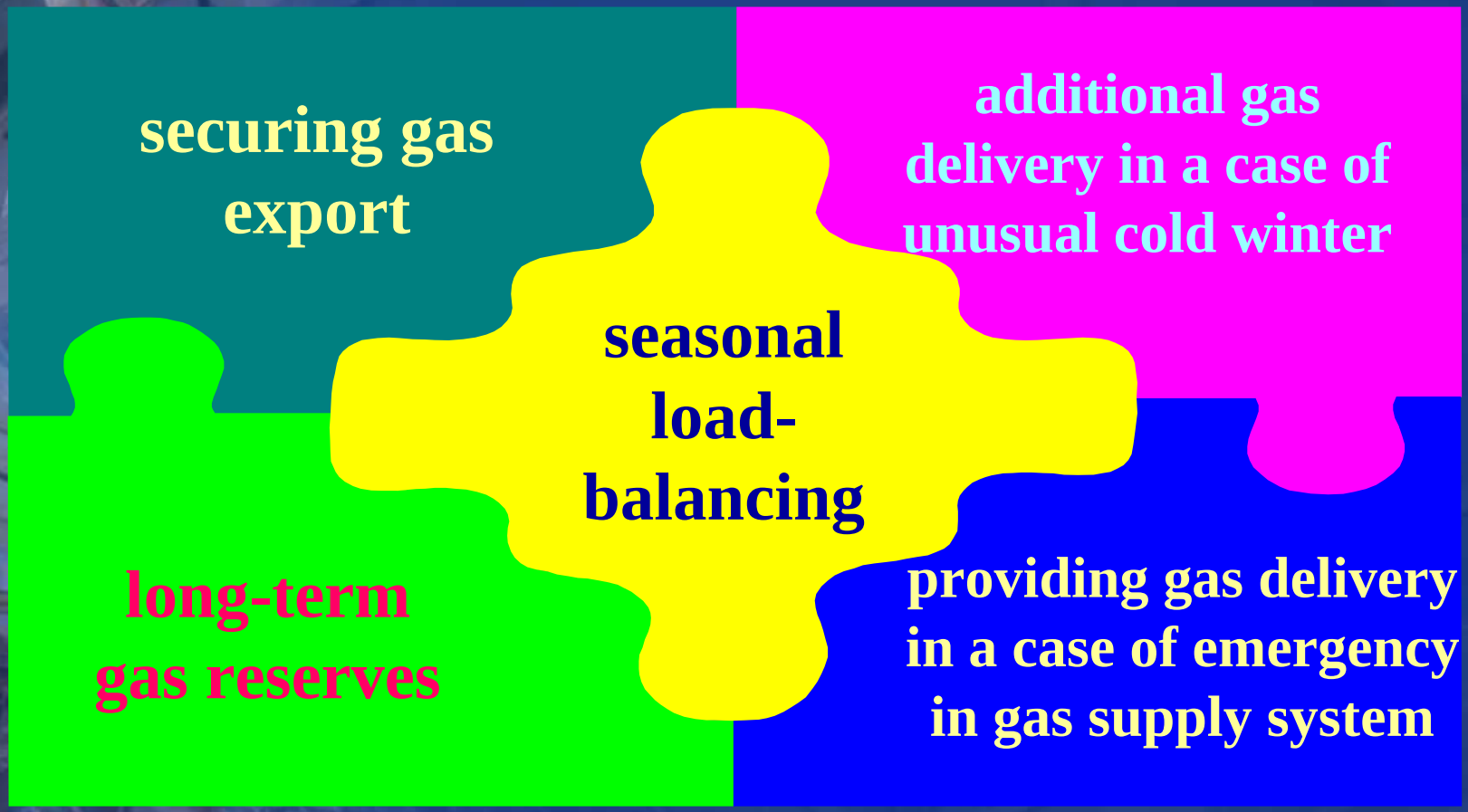
Share of UGS in Daily Gas Supply



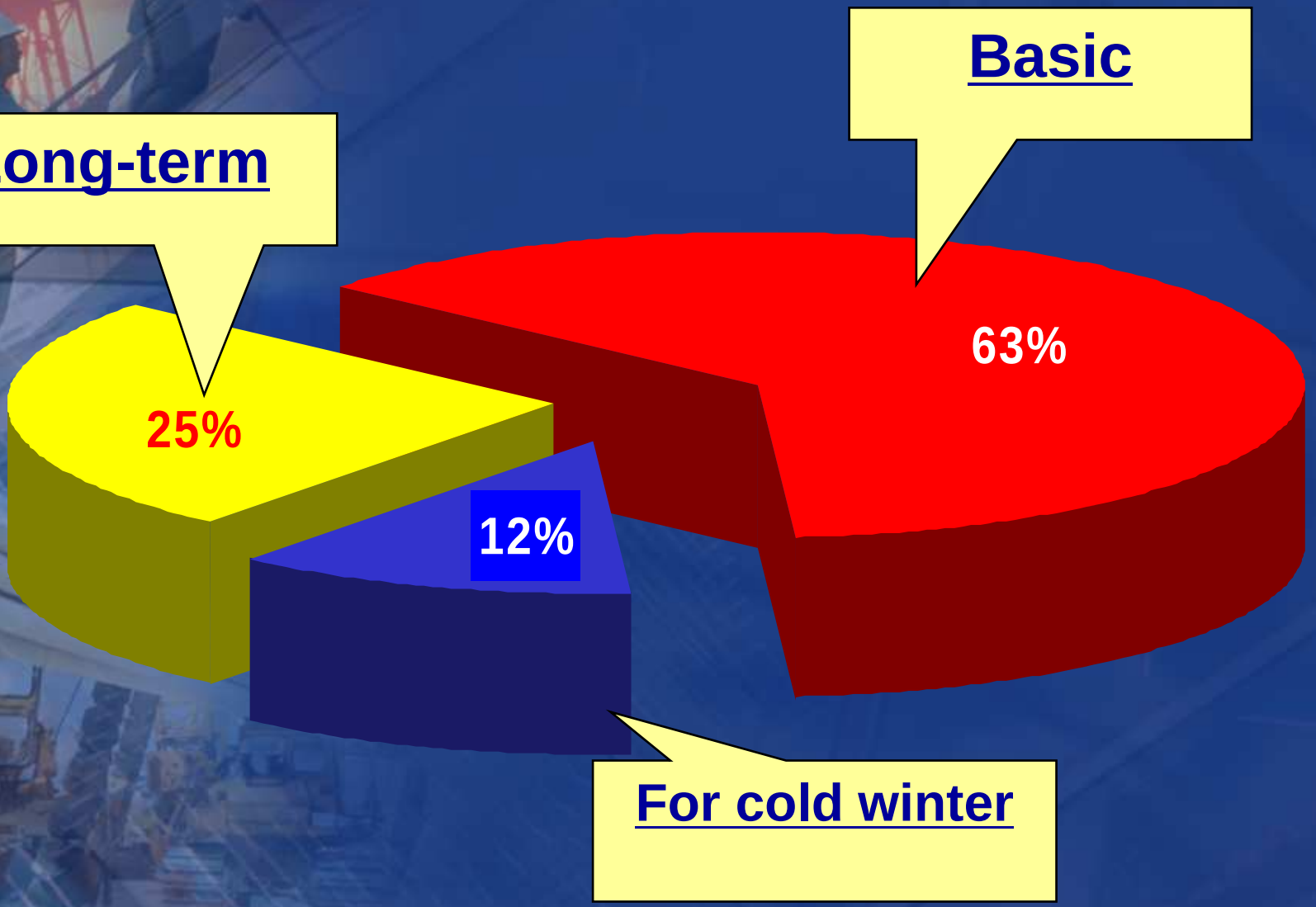
Daily output from Russian UGS in winter 2005-2006



Russian Underground Gas Storage System Provides the Following Functions:



UGS Gas Reserves



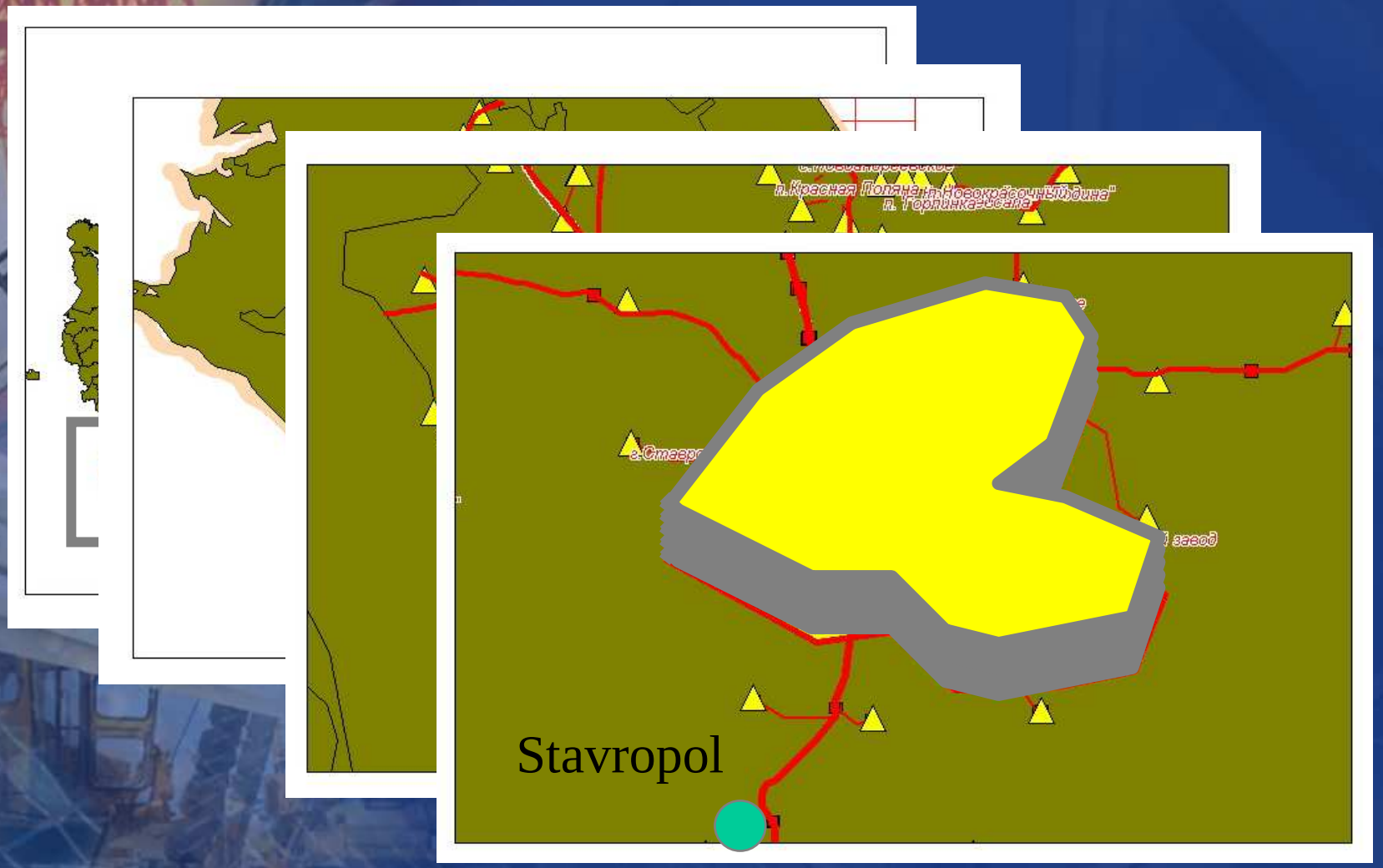
Target for Long-Term Gas Reservation

Providing reliability of gas supply in cases:

- ***Any unpredictable events***
- ***Interruption in gas import***
- ***Delays in gas production***

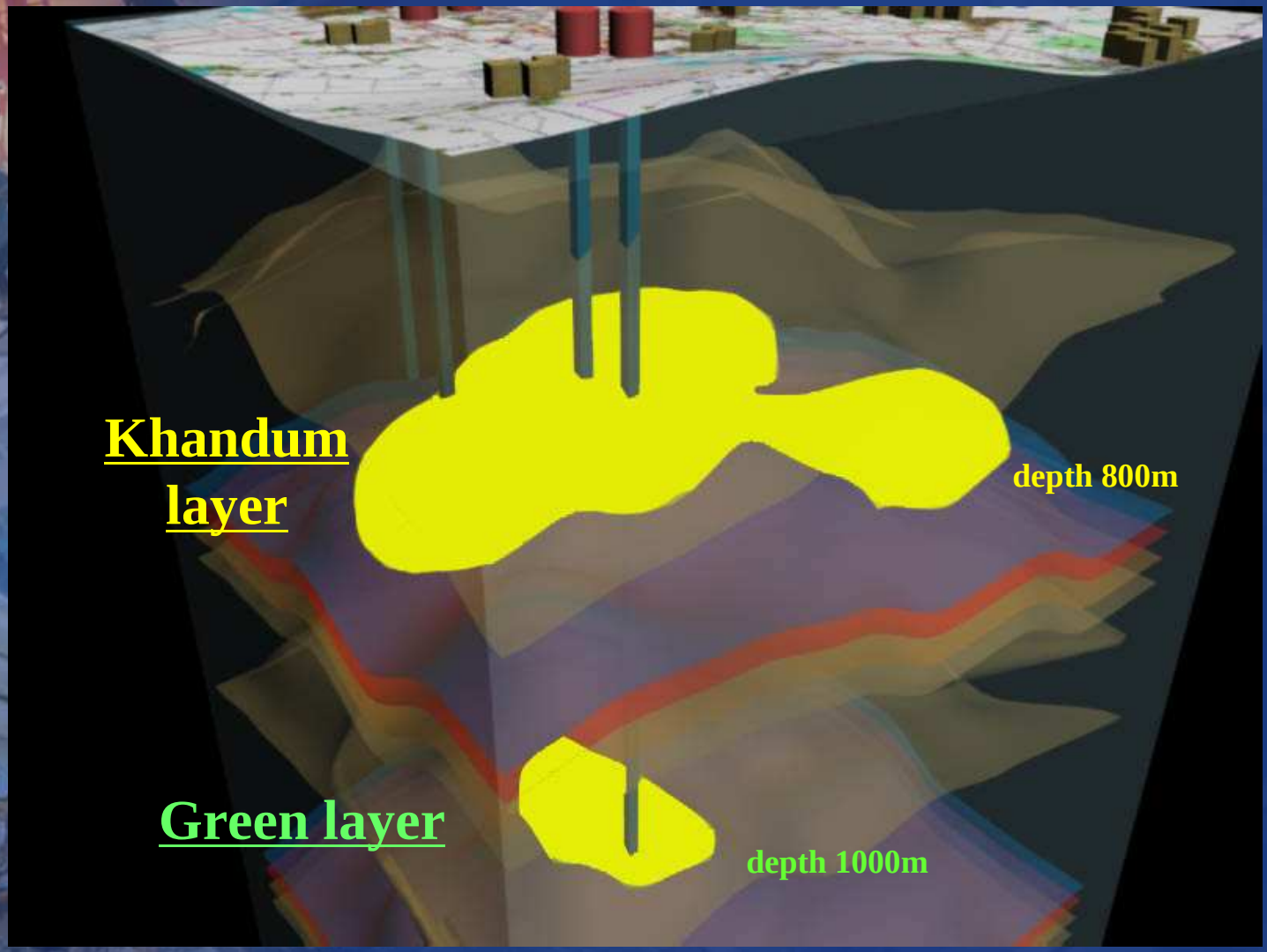
Only from one UGS – North-Stavropol - the long-term reserves can provide reliability of gas supply in case of gas deficit 15 Bcm annually during 2 + years

Location of Noth-Stavropol UGS

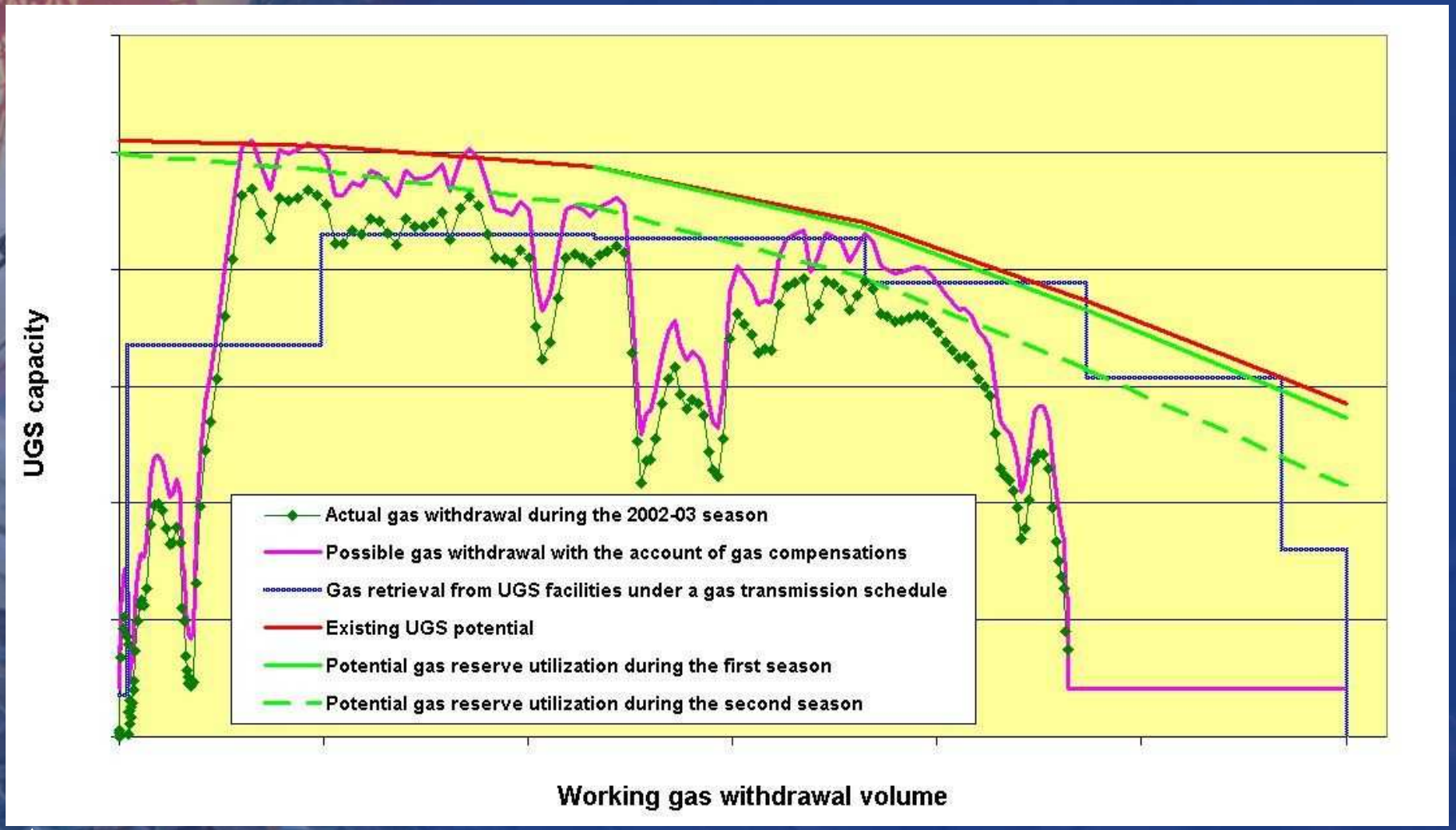


North-Stavropol UGS on a glance

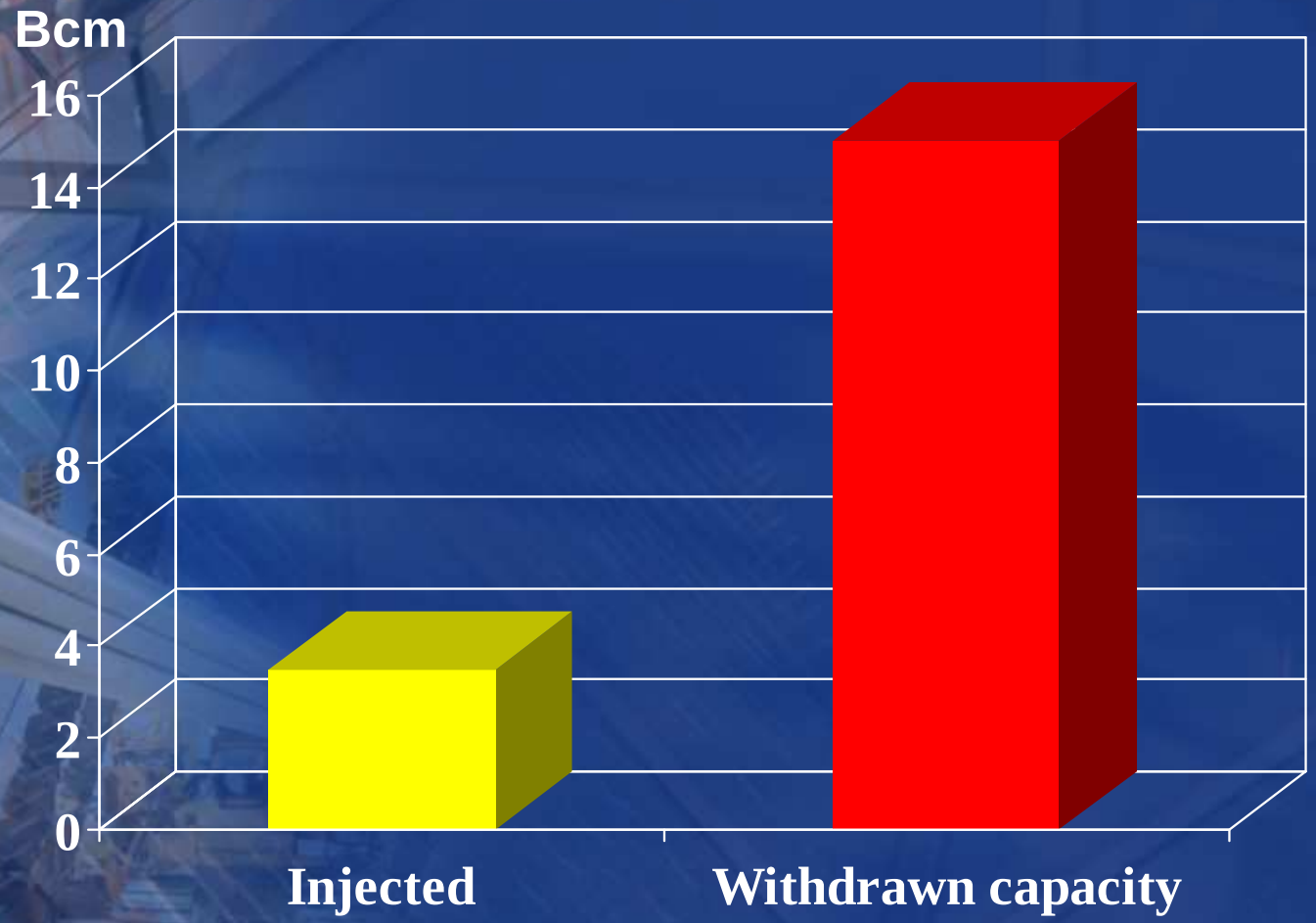
North-Stavropol UGS – view in depth



Scenario of Long-term Reserves Use



Case study – year 1997



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