

Natural Gas Market in Hungary 2007



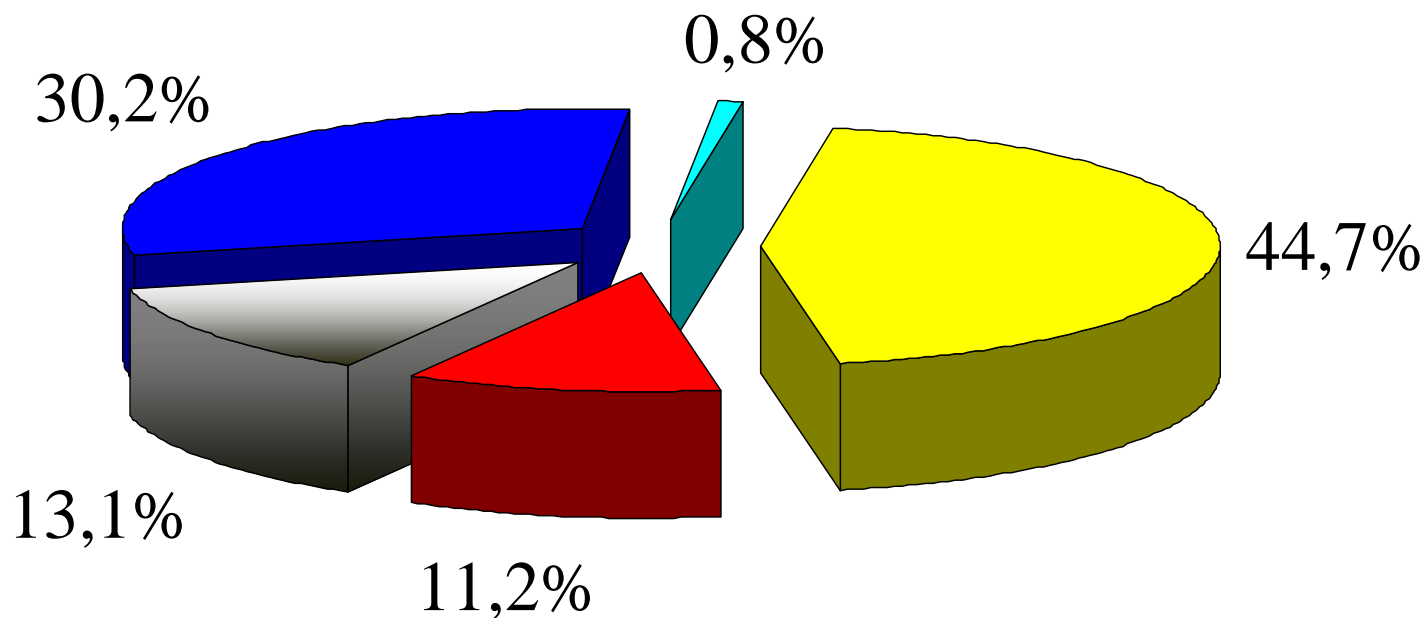
UNITED NATIONS
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Tamas Korosi
Senior Leading Advisor

HUNGARIAN ENERGY OFFICE

Role of Natural Gas in Hungary

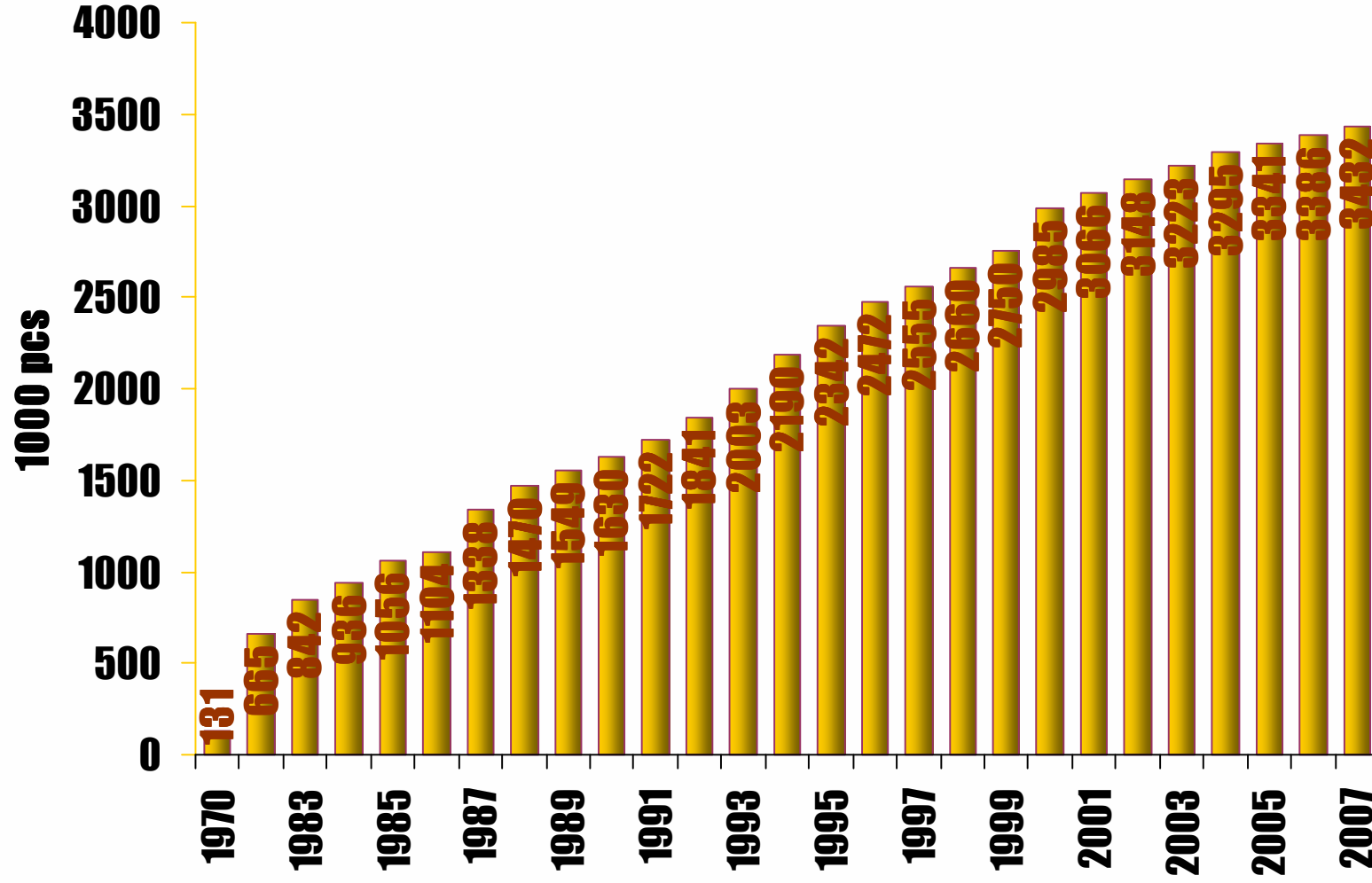
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■ solid ■ crude oil and products ■ LPG ■ natural gas ■ primary electricity

Household Consumers

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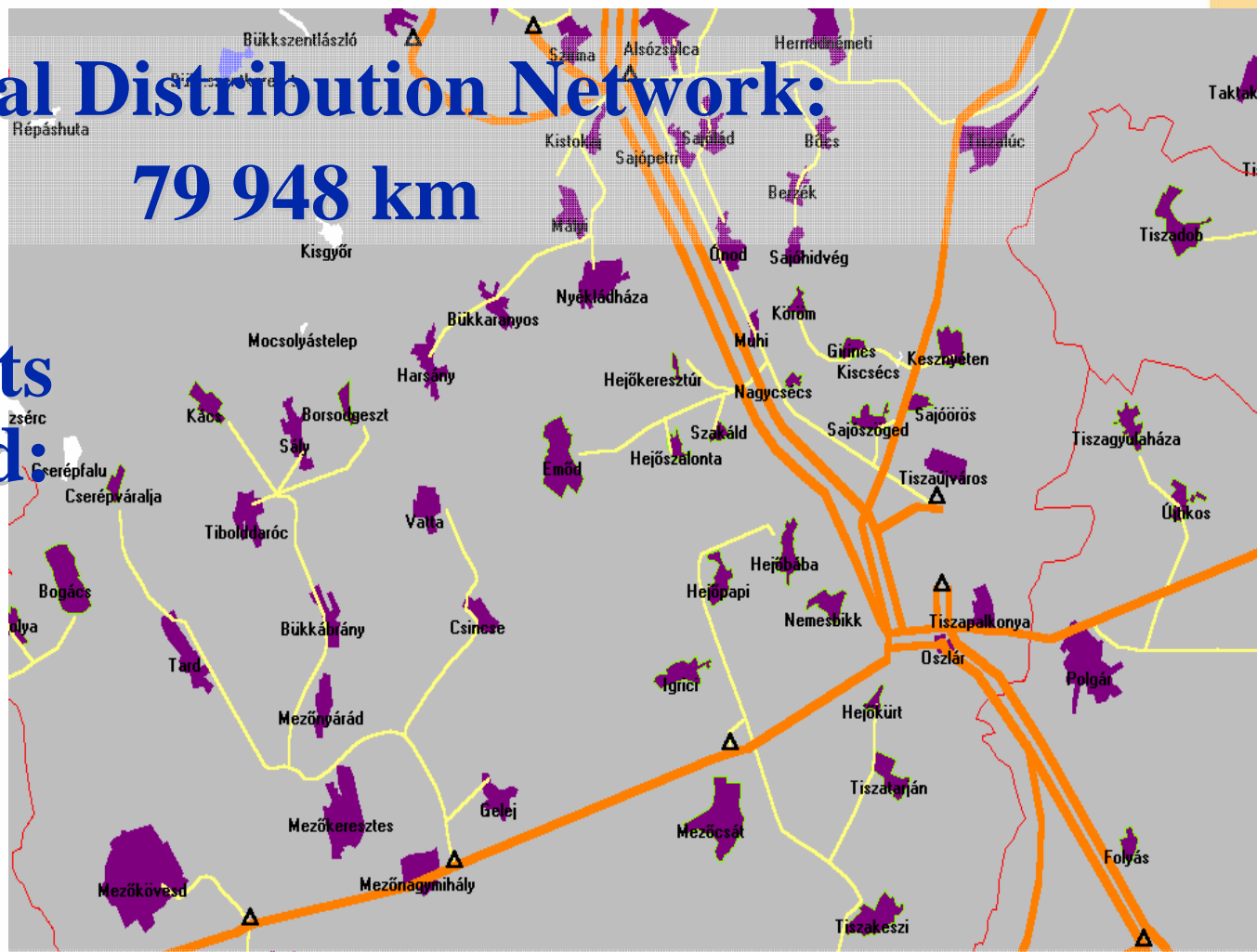
Gas Distribution

National Distribution Network:

79 948 km

**Settlements
Connected:**

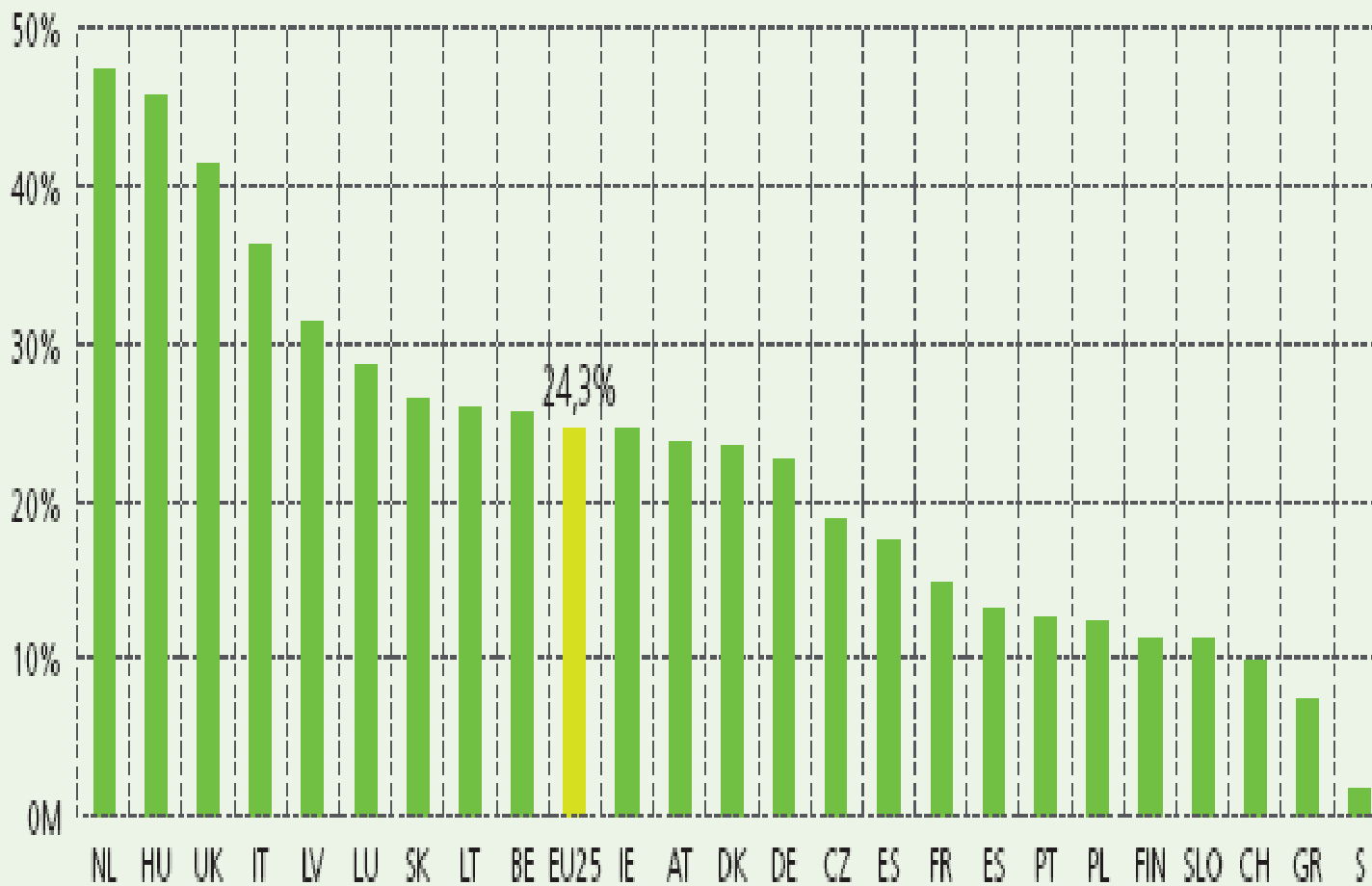
91,4 %



Number of Settlements: 2882

Dependency on Gas in EU

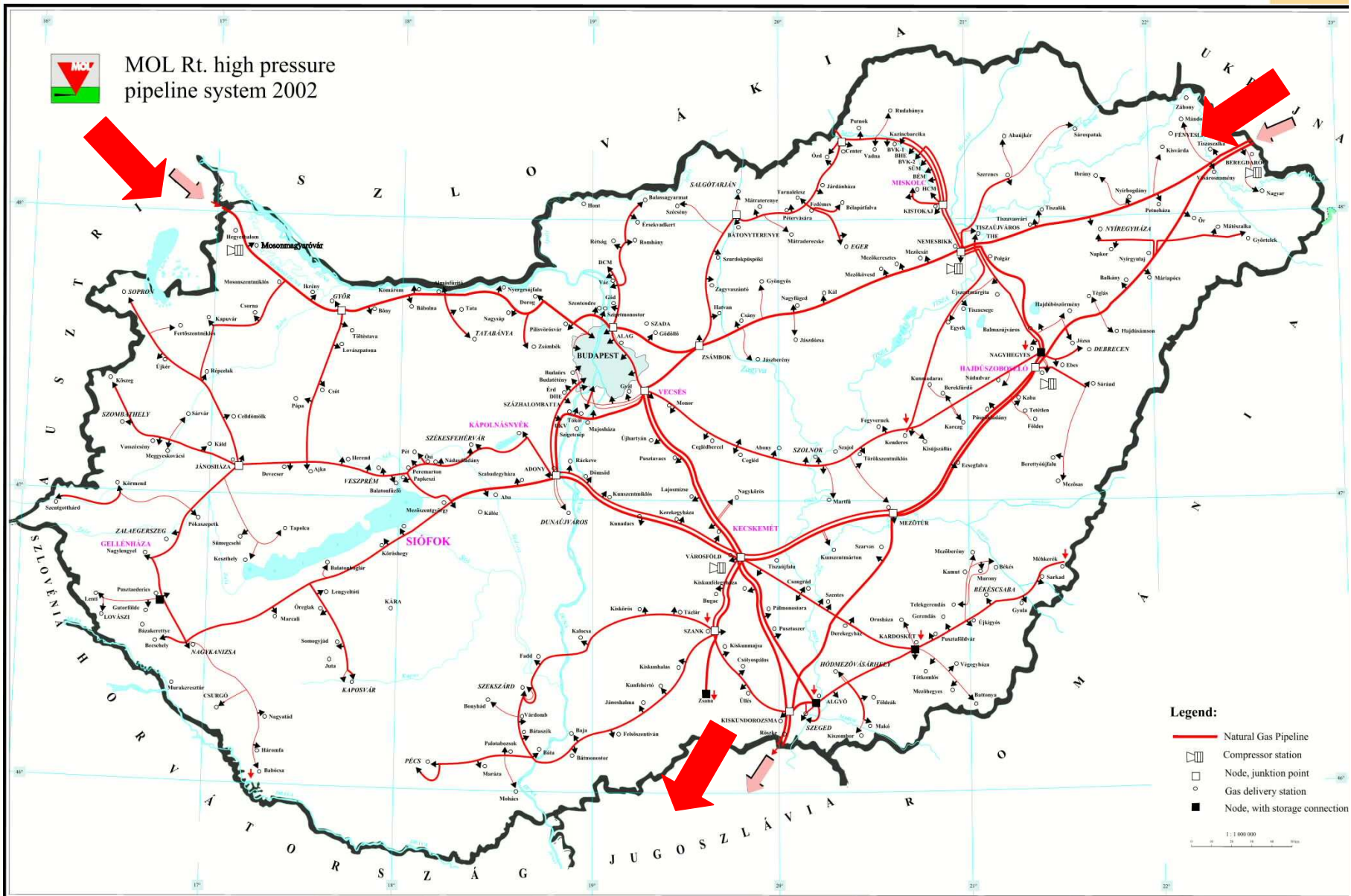
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Gas Transmission System

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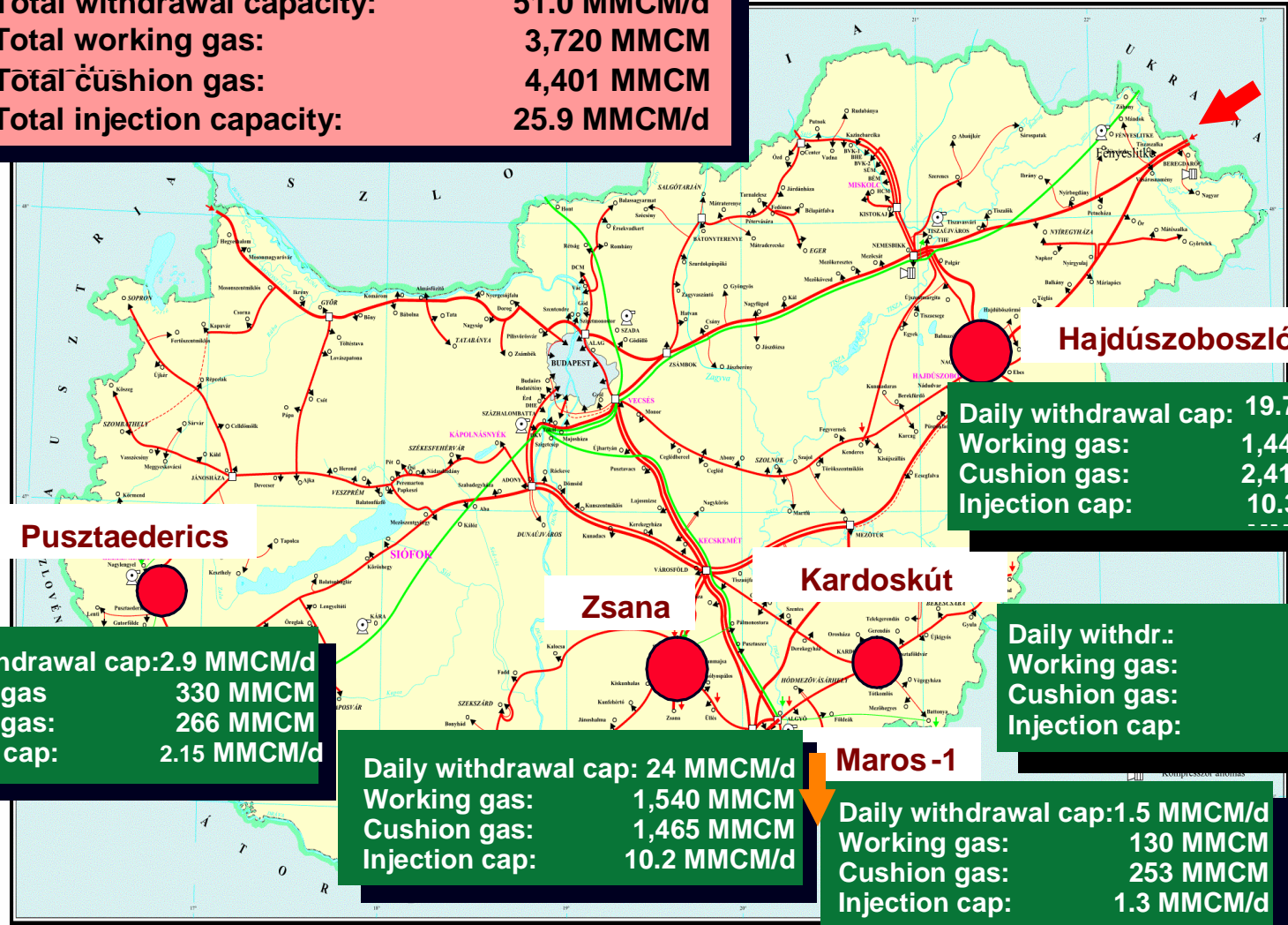
Development in Gas Storage

<u>Total UGS Capacities</u>		2006	2007
Working gas capacity	BCM	3.5	3.72
Max. withdrawal capacity	MMcm/d	47,5	51.0

Underground Gas Storage Units

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Total withdrawal capacity: 51.0 MMCM/d
Total working gas: 3,720 MMCM
Total cushion gas: 4,401 MMCM
Total injection capacity: 25.9 MMCM/d



Hajdúszoboszló
Daily withdrawal cap: 19.7 MMCM/d
Working gas: 1,440 MMCM
Cushion gas: 2,410 MMCM
Injection cap: 10.3 MMCM/d

Pusztaderics
Daily withdrawal cap: 2.9 MMCM/d
Working gas: 330 MMCM
Cushion gas: 266 MMCM
Injection cap: 2.15 MMCM/d

Zsana
Daily withdrawal cap: 24 MMCM/d
Working gas: 1,540 MMCM
Cushion gas: 1,465 MMCM
Injection cap: 10.2 MMCM/d

Kardoskút
Daily withdr.: 2.9 MMCM/d
Working gas: 280 MMCM
Cushion gas: 260 MMCM
Injection cap: 2.9 MMCM/d

Maros-1
Daily withdrawal cap: 1.5 MMCM/d
Working gas: 130 MMCM
Cushion gas: 253 MMCM
Injection cap: 1.3 MMCM/d

Total Capacities of the Gas Network

[MMm³/day]

Domestic production	10,5
IMPORT HAG	12,1
Source: Western	3
Russian	6
IMPORT BEREKSZÁSZ	30
Source: Russian	25
other	5
UGS	47,5
TOTAL	100,1*



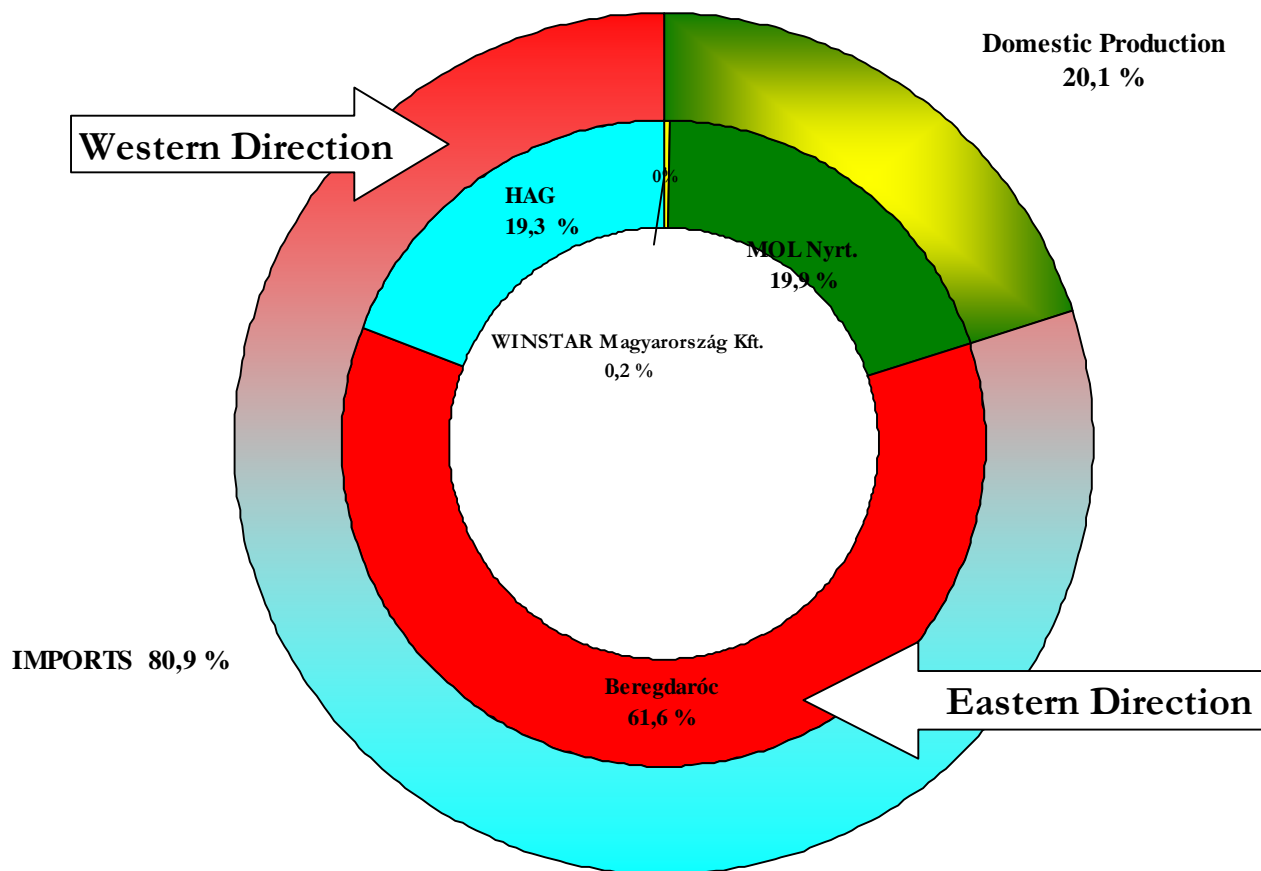
* Enough to cover winter daily consumption down to -15 °C daily average temperature (no need to interrupt)

Natural Gas Supply 2007

	BCM
Sources of Hungarian Supply	13.169
Domestic Production:	2.571
Imports (diversified):	10.496
Eastern Direction:	7.890
Western Direction :	2.606

Structure Of Gas Sources 2007

STRUCTURE OF SOURCES 2007



National Consumption

National Consumption	BCM
Public Utility Sector	10.461
Eligible Customers	2.708
Total	13.169

Development of Gas Market

	2004 Dec.	2005 Dec.	2006 Dec.	2007 Dec.
Legal market opening %	67	67	67	100
Licensed Traders pcs	10	14	15	21
Eligible Customers registered pcs	23	52	200	786
Share of free market %	6	9.6	9.7	20.6



MAGYAR
ENERGIA
HIVATAL

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Thank you for your kind attention!

korosit@eh.gov.hu