



Gas Transmission Europe

Transparency in Gas Transmission

Situation in Hungary

FGSZ Zrt

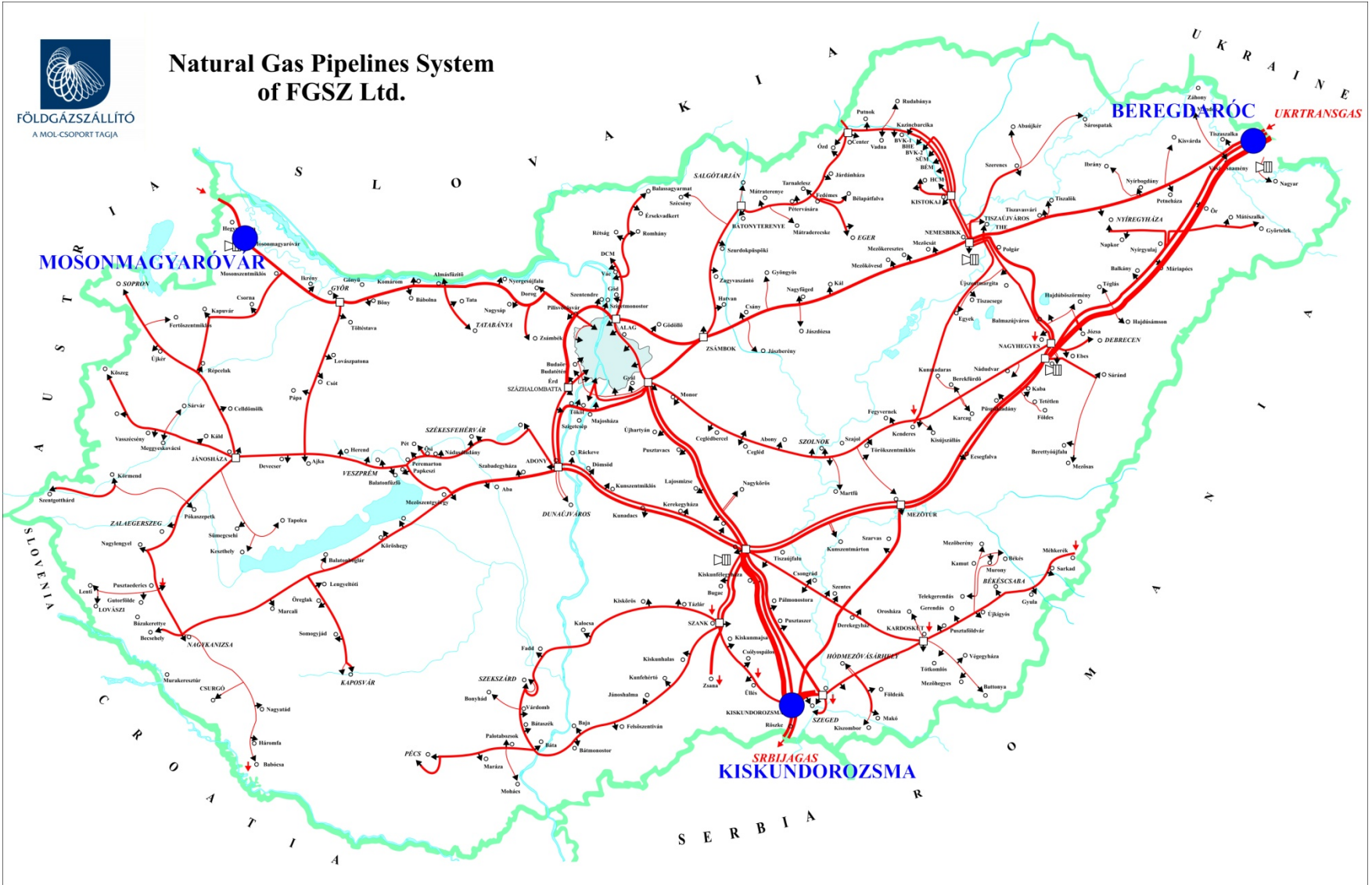
GTE+ Transparency Workshop
The Hague, 30 September 2009

FGSZ' ownership, licenced activities, shippers

- **Owner: MOL Nyrt. (100%)**
- **Workforce: 612 persons**
- **Licensed activities**
 - **Natural Gas Transmission**
 - **System Operation**
- **Shippers**
 - **13 shippers active on the Hungarian market (13-14 Bcm/a of end-user consumption)**
 - **2 transit shippers (2.4-2.6 Bcm/a)**
- **Daily peak entry capacity: 132 Mcm/d**
- **19 entry points**
 - **2 import entry points**
 - **5 gas storage entry points**
 - **1 storage/production entry point**
 - **11 production entry points**
- **394 physical exit points/306 commercial exit points**



Interconnection points



Legal background

- Regulation (EC) 1775/2005 → Regulation (EC) 715/2009
- National legislation
 - GET(2008_XL) Gas Act
 - GET VHR 19/2009 (I. 30.) Government decree about Gas Act
 - Network Code Hungary

Public Domain (1)

Monthly publications for every entry and exit points

- The actual technical firm capacities
- Capacities for the next 18 months on monthly basis and for the next 10 years on yearly basis
 - Booked and available firm capacity in both flow directions
 - Booked and available interruptible capacity
 - Back-haul capacity

Public Domain (2)

Daily publications for every entry and exit point

- Daily capacity for the remaining days of the current Gas Month D-1 (12:00)
- Day-ahead capacities D-1 (0:00)
 - interruptible capacities for those network points which the shippers didn't nominate fully for the next Gas Day
- Offered optional gas volume (cm) and price (HUF/MJ)
- The weighted average price of the balancing gas (HUF/MJ) for previous Gas Day
- The daily gas volumes for previous Gas Month

Secure Accounts of Network Users

- Daily volume for entry and exit points related to the shipper (cm/day 15°C)
 - *Preliminary allocated daily volume in accordance with neighbouring network operators, (NNO) information: D+1 (10:00)*
 - *Validated allocated daily volume in accordance with the neighbouring network operators, (NNO) validated information: M+15 (days)*
- Gas quality parameters
 - *Gas quality parameters according to FGSZ' measurement (C1,C2...C6+,LCV); D+1 (10:00)*
- Balancing gas energy (MJ 15°C) and price (HUF/MJ)
- Volume and price of offered optional gas called on by FGSZ
- Measured volume divided by nominations in every hour to facilitate the calculation of imbalance (cm/h)

Transparency Platform

- FGSZ has decided to publish all the information on TP that FGSZ publishes on its website and is required by TP.
- An IT expert company is involved to prepare the server-server communication between TP and FGSZ' platform

Conclusions

- In the first phase, FGSZ will send to TP the technical firm capacities, booked and available firm and interruptible capacities for the next 18 months for UA/HU, A/HU, HU/SRB border points
- The planned publication date: 1 December 2009