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The North-South Energy Corridor and Emerging Regional Energy Market

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MVM Group is Hungary's largest power producer and new player of the gas market





Hungarian macroeconomic environment



In 2013 positive economic indicators emerged in Hungary



ELECTRICITY AND NATURAL GAS CONSUMPTION IN HUNGARY 2010 - 2016



Source: MVM Group and KPMG forecast for 2014-2016

Despite slightly increasing macroeconomic trends in short-/mid-term natural gas consumption is expected to decrease

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Low and decreasing indigenous production in most CEE countries implies heavy dependency on natural gas imports





Gas consumption in 2012 (bcm)

Russia (Gazprom) is the major CEE imported gas supplier

Without Germany, over 80% of CEE/SEE gas supplies come from Russia under Long Term Contracts



Share of net imports in total country gas consumption (imports dependency):



Hungary is heavily dependent on Russian gas supplies

Hungarian transmission network entry and exit points – capacity and connection improvements enhance security of supply





Increased import from CEGH (Austrian exchange) currently results in bottleneck at the Western entry point

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Hungarian storage market – Hungary is capable to store more than half of the annual domestic consumption





* 1 200 million m3 strategic storage, 700 million m3 market storage

- Security of supply is backed by the 6.1 bcm Hungarian storage capacity and interconnections with neighboring countries
- Hungarian gas system is able to guarantee domestic supply in case of any of the sources becomes unavailable
- Main objective is to secure a competitive supply portfolio including Russia as key partner



Hungarian-Slovak interconnector - status





By 2015 Hungary fulfills infrastructure development of the Hungarian section of the North-South Gas Corridor

Source: Hungarian Gas Transit Ltd.

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Challenges & Conclusions



- Impact of unbundling on infrastructure project financing and management
- Return on investment on regional level vs. project level
- Diversification of routes, and what about sources
- Market coupling may improve negotiation power in the region
- National regulatory environment (e.g. tariffs) supporting crossborder trading vs. protecting domestic markets/players

The way towards a unified CEE market requires syncronised progress in

- network code harmonization
- infrastructure development
- source diversification.

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