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# Infrastructure and market development in light of V4 goals

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## Hungarian energy landscape

- Strong energy dependency: > 60 %
- Limited domestic source
- 80 % of gas consumption is imported
- Powerplants are non-efficient and aging
- Buildings are wasting energy
- Renewable energy use is at 8,79 %





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## Hungarian Parliament approved on 3 October 2011: **National Energy Strategy 2030**

Motto: „*Limiting the dependency*”

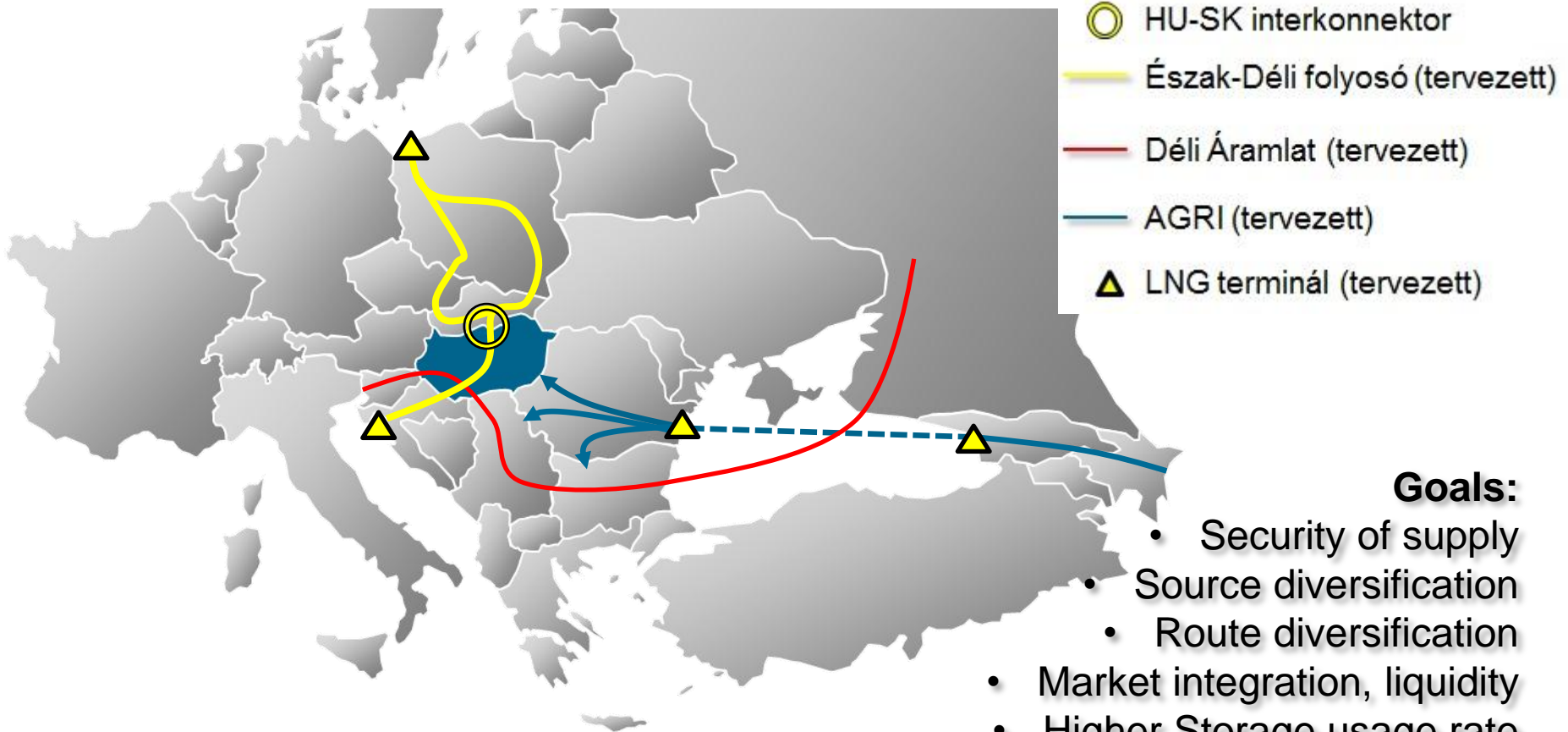
### **Main tools of limiting the dependency:**

- Intensification of energy savings and energy efficiency
- Deployment of renewables at highest possible rate
- Safe nuclear energy and transport electrification
- **New infrastructure and market integration**
- Environment friendly use of domestic fossil sources



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# North-South, Southern Corridors and South Stream



## Goals:

- Security of supply
- Source diversification
- Route diversification
- Market integration, liquidity
- Higher Storage usage rate
  - Transit role



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## HU-SK corridor in progress



Some parts ready



Some parts under construction



International metering station at  
Balassagyarmat



Compressor station at Szada



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**GAME OVER**

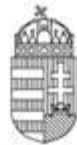
**N**  **BUCCO**  
GAS PIPELINE



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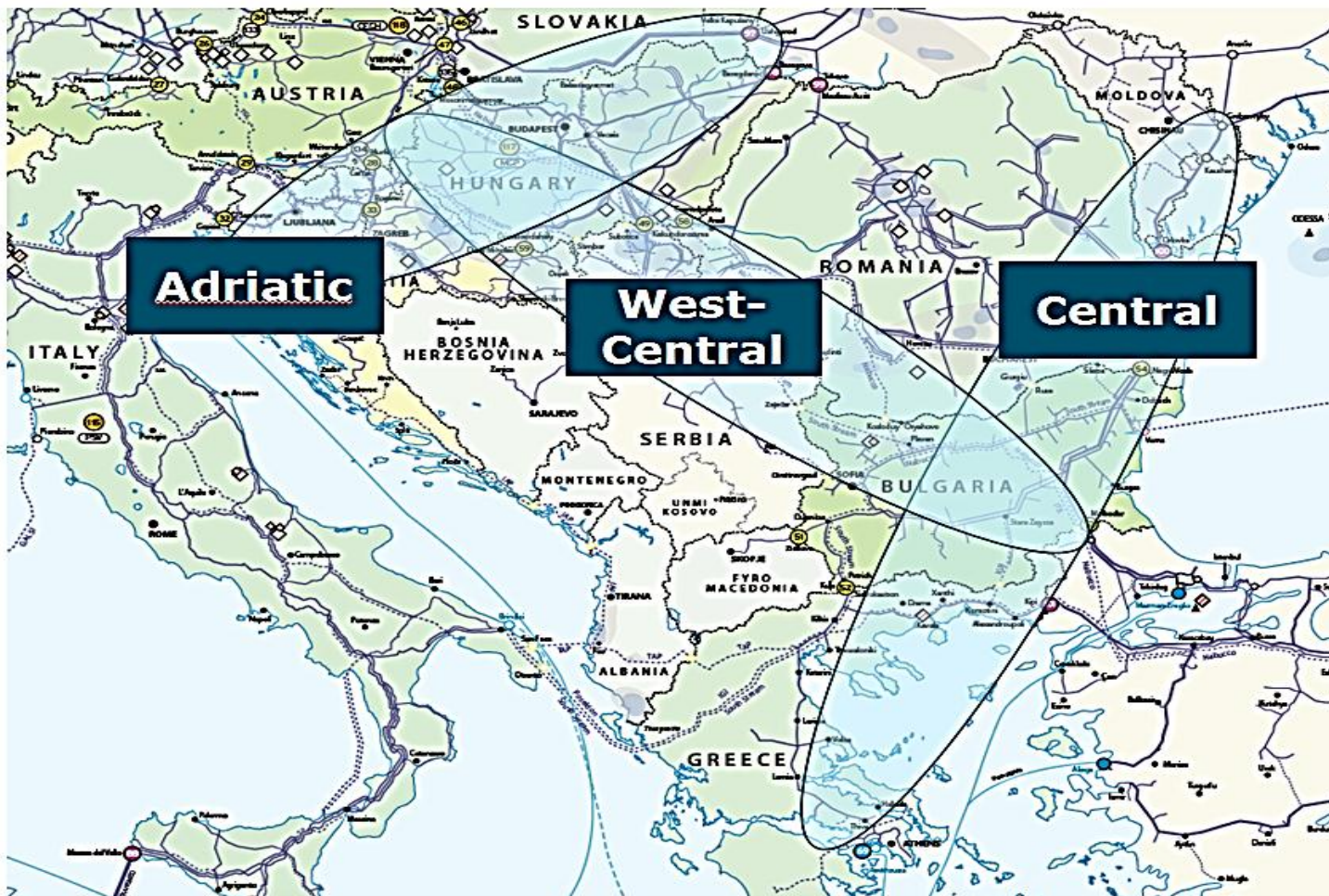
Why?





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But we stand up...







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**... and form alliance!**



**Visegrad 4**



## V4 Hungarian GAS Priorities

- **Rolling out the Gas Roadmap** to ensure robustness of V4 joint market and to unleash the potential of N-S gas corridor (Summoning V4 Gas Forum, agree on the MoU, ToR and have an Operational Study done by 06/2014)
- **Potential common external actions on demand side** (Organization of the V4 info day) and **supply side** (USA: LNG for NATO act) and together with **transit countries**
- **Cooperation with Danube Region:** Study on regional storage capacities and joint action on energy security (ex.: SOS directive)

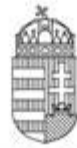


## V4 Hungarian ELECTRICITY Priorities



Priority is given to technical level on CEEE Forum but same goals maintained on political level:

- **Implementing DA target model** with FBA as the final solution but on short-term accepting NTC Market Coupling
- Finding solution to loop-flow phenomenon by emphasizing the right definition of **bidding zones**
- **Extension CZ-SK-HU MC** with PL and RO



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**Thank you for your attention!**

