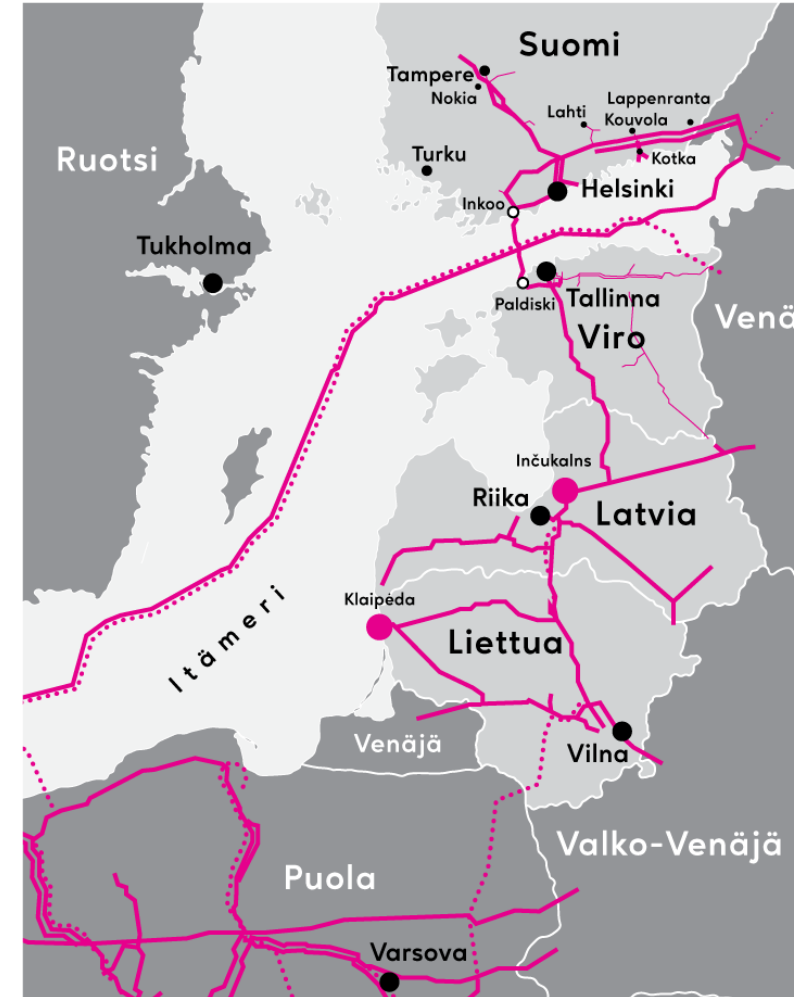


TSO working group - Regional gas infrastructure and its capabilities



Regional gas infrastructure development

- Current regional gas infrastructure has physical bottlenecks which effect on the services provided to the market. TSOs must take those system limitations into account or otherwise security of supply would be jeopardized.
- Regional gas system is been developed widely
 - Hamina LNG terminal
 - Puiatu and Paldiski compressor stations
 - GIPL
 - Baltic Pipeline
 - ELLI project to increase capacity between Lithuania and Latvia
 - Incukalns gas storage improvement project
 - Biogas injection – minor from the physical system point of view



Regional gas system capabilities – working group

- Latvian, Estonian and Finnish TSOs have initiated a new working group to analyse regional system capabilities more precisely.
- Group will construct a regional model of the common gas infrastructure in order to understand better how the network behaves in normal operation as well as during abnormal occasions.
- Future infrastructure projects will be also fit into the calculation so that deeper understanding of the system is gained with longer time period as well.
- Main targets of the working group are following:
 1. Increase understanding of the regional system so that TSOs can operate common network with higher cost-efficiency and reliability. More accurate understanding enables also right level of capacity services without jeopardizing security of supply.
 2. Understand how the future infrastructure projects will change the dynamics of the regional system and how this influences to TSOs capability to provide better services for the market.
 3. Increase market's understanding of TSOs limitations and capabilities to provide services now and in the future. Increase awareness of how market actions such as nominations influence on the system performance and thus to services provided by the TSOs