

## Abstract

Master thesis *“Czech Republic and its connection to new LNG terminals - strengthening of the gas security”* examines the level of gas security in the Czech Republic. Dependency of the Czech Republic on gas supplies from foreign countries is almost 100 %. Russian federation is dominant supplier with roughly 75 % of the supplies. High dependency on one exporter is considered hazardous from energy security perspective. The Czech government should strive to change and improve this situation. The diversification is considered as a useful tool to improve the gas security.

Currently there are new gas projects built in neighboring countries, which may influence energy security of the Czech Republic. The study researches the impact of these new projects on the Czech Republic. Namely we focused on gas pipeline Nord Stream and its Czech connection Gazelle, which will connect North Germany and Bavaria through the Czech Republic. Second project is gas network called “the North – South Corridor” connecting Baltic and Adriatic Sea. The North – South corridor may be potentially linked up to the new LNG terminals Świnoujście in Poland or Adria in Croatia. Furthermore, there are long-lasting plans to open new “South” gas route from Caspian region to Europe.

The main goal of this thesis is to explore real possibilities of linking the Czech Republic on the LNG terminals in Poland and Croatia. The LNG terminals might become new alternative sources of gas supplies. Furthermore, we explored the potential of North – South Corridor and generally compared its usage with Nord Stream pipeline.

Methodologically the thesis is a single case study. Part of the thesis explores the position of the Czech government towards gas security. This part is based on author interviews with the experts from Ministry of Foreign Affairs and Ministry of Industry and Trade. Gas security is on a relatively good level in the Czech Republic in comparison with other Central/Eastern European countries. New projects may even strengthen the energy security. On the other hand its ignorance or neglecting may worsen the energy security and opportunities of the Czech Republic.