

Towards an Energy Union...

Slovakia

This factsheet is a summary of full version contained in the 3rd Energy Union Report (November 2017)



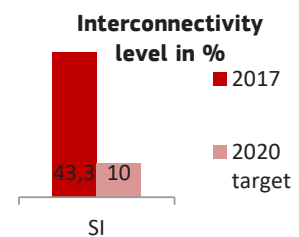
with security
& solidarity...

The main source in the Slovakian energy mix is nuclear power, with a share above the EU average. The country has a lower share of renewables and oil than the EU average, while the share of gas is similar to the average. However, almost all of the gas is imported and furthermore from the same supplier country **Slovakia is one of the most vulnerable countries to gas supply disruptions in the EU.**



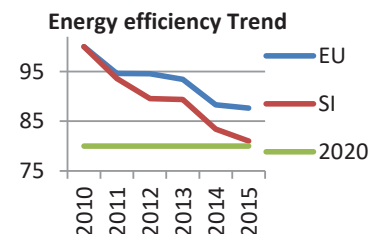
in an integrated
market...

To assure access to cheap and secure energy for all consumers in Europe the EU is **investing in energy infrastructure**, so the energy can be traded freely between and within the EU Countries. The **Slovakian connectivity level is at 43.3%** but the country still benefits from the investments including for gas interconnectors across the Slovak-Hungarian border to help bring down the concentration of the gas market.



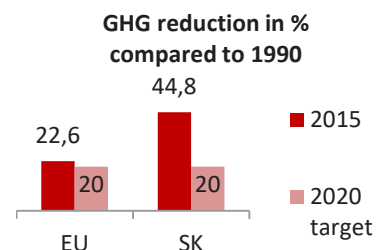
which does more
with less...

Slovakia is on track to meet its energy efficiency 2020 targets. Energy consumption has decreased over the last ten years but has spiked in 2015. Efforts have been made in renovating public buildings, but more effort is needed to moderate the general consumption. Towards 2020 **the Energy Union is investing some €700 million in energy efficiency improvements in buildings in Slovakia.**



based on
climate-friendly
policies...

Slovakia has reduced **greenhouse gas emissions with 44.8%** since 1990 and is on track to meet its 2020 target. However, pollution still creates serious air quality problems which causes health issues related to an annual cost of €3 billion. One of the ways to bring down pollution is to switch to cleaner fuels. **With 12.9% of the energy coming from renewables Slovakia is on track with its 14% 2020 target.**



that fosters
research, innovation
& competitiveness.

Energy research and innovation priorities in Slovakia are to increase energy efficiency, reduce energy intensity and imports, expand nuclear power use, boost the share of renewables and support alternative fuels for transport. Under the Horizon 2020 energy programme **Slovakian participants have received €3.3 million including €0.6 million for the SHAR-Q project on energy storage.**