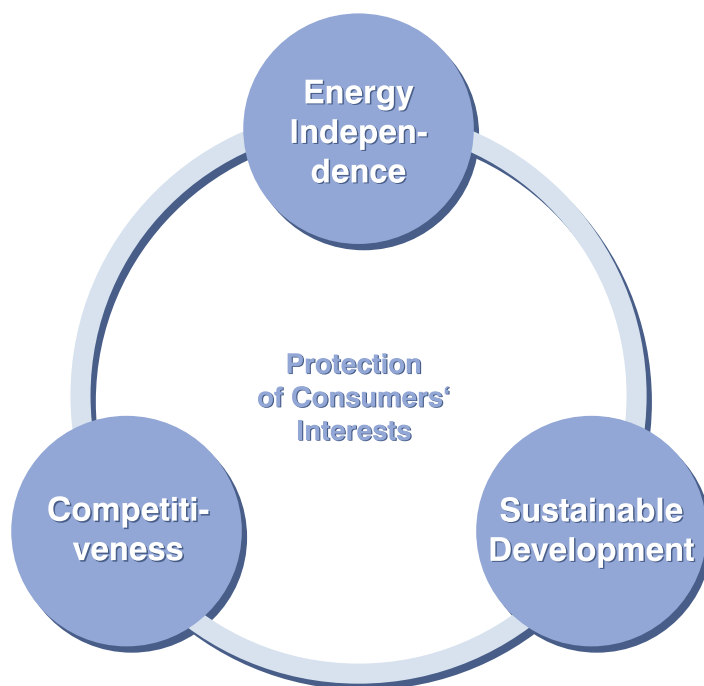


National Energy Strategy – the Road Towards Lithuanian Energy Independence

The National Energy Strategy aims at ensuring **energy independence** of Lithuania up to the year 2020 and laying the foundations for **competitive** and **sustainable development** of the energy sector which will secure long-term consumer interests.



Objective No. 1 – Energy Independence:

- Interconnection of energy networks and systems of Lithuania, Latvia and Estonia with energy networks and systems of the European Union;
- Secured supply of alternative and competitive energy resources;
- Development of local competitive and climate friendly electricity and heat production capacities.

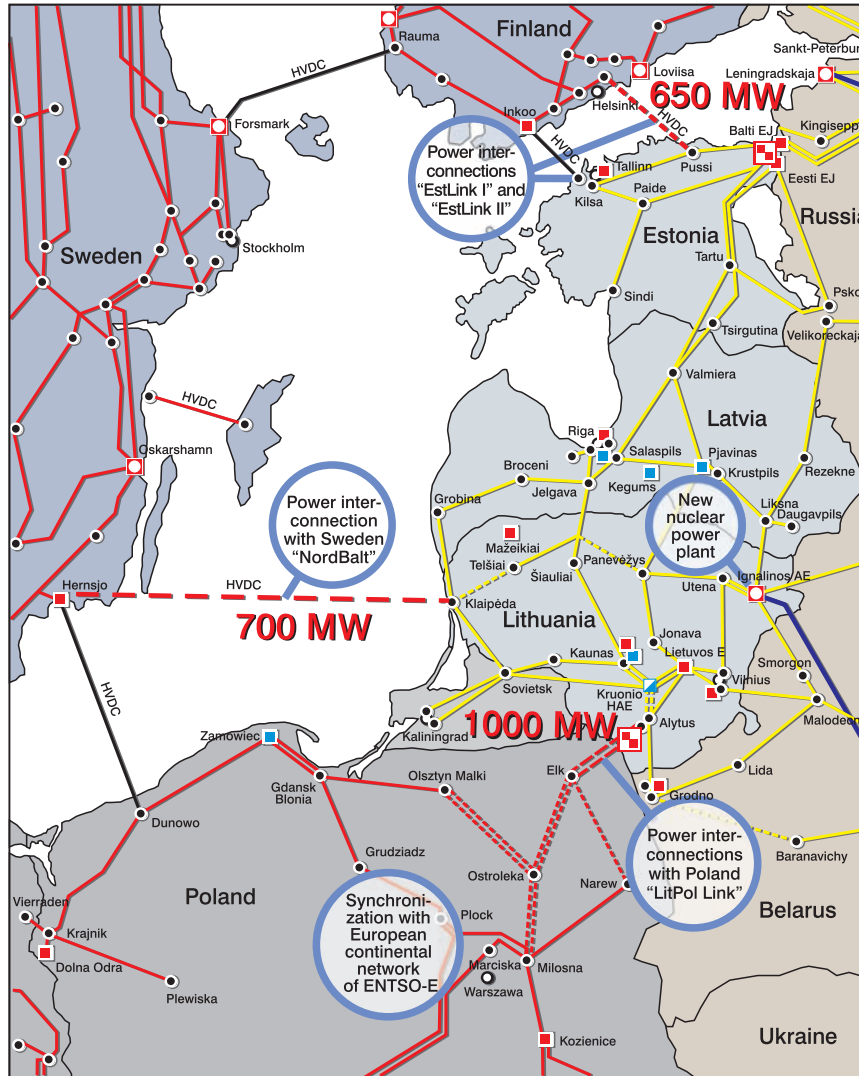
Objective No. 2 – Competitiveness:

- Use of 3–4 billion LTL annually for the needs of Lithuanian economy and energy (which currently every year are spent on the import of natural gas and electricity from the single external energy supplier);
- Increase of energy efficiency which currently is 2.5 times lower than average energy efficiency level in the European Union.

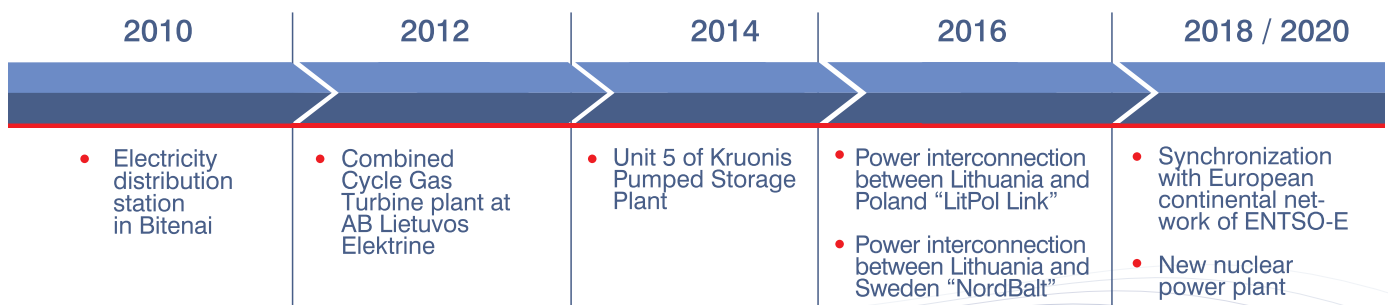
Objective No. 3 – Sustainable Development:

- Consistent transition from the fossil fuel consumption causing climate change to climate friendly local and renewable energy sources;
- Adaptation of advanced and efficient technologies.

National Energy Strategy foresees implementation of strategic energy infrastructure projects which will consolidate energy independence of Lithuania up to the year 2020.



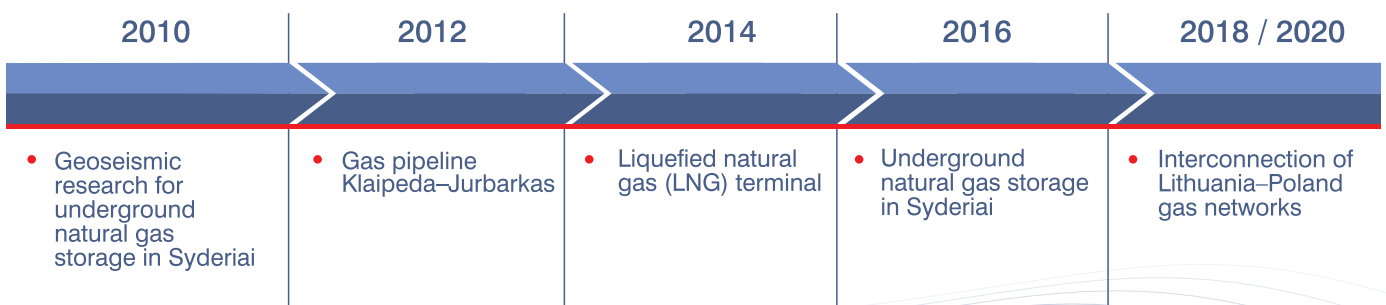
Strategic Projects in the Power Sector



National Energy Strategy foresees implementation of strategic energy infrastructure projects which will consolidate energy independence of Lithuania up to the year 2020.



Strategic Projects in the Gas Sector



Sustainable Energy – a Responsible Outlook to the Future

Implementation of the Energy Independence Strategy will reduce Lithuania's dependency on the price sensitive fossil fuels and will ensure sustainable development.

Expansion of renewable energy sources, improvement of energy efficiency and reduction of CO₂ emissions are the most important sustainable energy principles fixed in Energy Independence Strategy of Lithuania. These principles of sustainable energy coming together with the construction of new nuclear power plant will ensure climate friendly and competitive pathway for energy developments in Lithuania and the whole region.

By 2020 sustainable energy will be oriented towards the following most relevant targets:

- **23 %** of the final energy consumption will be produced from renewable energy sources. Renewable energy sources will constitute:
 - **20 %** of electricity consumed (mostly from biomass and wind). Unit 5 of the Kruonis Pumped Storage Plant built by the year 2014 will develop additional balancing capacities for wind energy
 - **60 %** of the energy consumed for central heating (from biomass)
 - **10 %** of biofuel in the transport sector
- The efficiency of energy consumption will be increased by **1.5 %** annually
- Savings in central heating system will amount to **30–40 %**
- CO₂ emissions will be reduced.



Photomontage of the new nuclear power plant in Lithuania