Ministry of energy and coa industry of Ukraine

Energy policy of UKRAINE

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General information OF UKRAINE



Ukraine, the second-largest country in Europe, is located in Eastern Europe with a total area of 603,700 sq km.

Ukraine shares boundaries with Belarus on the north, Russia on the east, the Black Sea on the south, Romania, Moldova, Hungary, and Slovakia on the west, and Poland on the north-west.

Kyiv is the capital of Ukraine, which is located in the north central part of the country. Current population is no more than 42 million people. GDP was 93 937 mln \$ in 2016

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Ukraine's location is one of strategic importance at the crossroads between Europe and Asia Ukraine is going to be EU member-state

Key achievements: implementation of EU legislation



Law "On Electricity Market of Ukraine" **was adopted**. Law will provide a transition to a new model of the electricity market.



Harmonization of legislation in line with EU with the Law of Ukraine "On the natural gas market", "On the National Commission for state regulation in the energy and utilities"



Process of restructuring "Naftogaz Ukraine" on the subject of legal separation of business **transportation**, **distribution** and **storage** of natural gas and the implementation of European regulations for proper operating of GTS.



Adoption a new Energy Strategy of Ukraine till 2035, which is to identify and fix the main directions of the energy sector, the level of energy security, energy efficiency, the transition to the energy saving usage and the energy consumption with the introduction of innovative technologies.



Concept of development of the coal industry and gas were adopted. Coal concept will optimize the structure of the coal industry and output it to the breakeven level and self-sustaining operation.



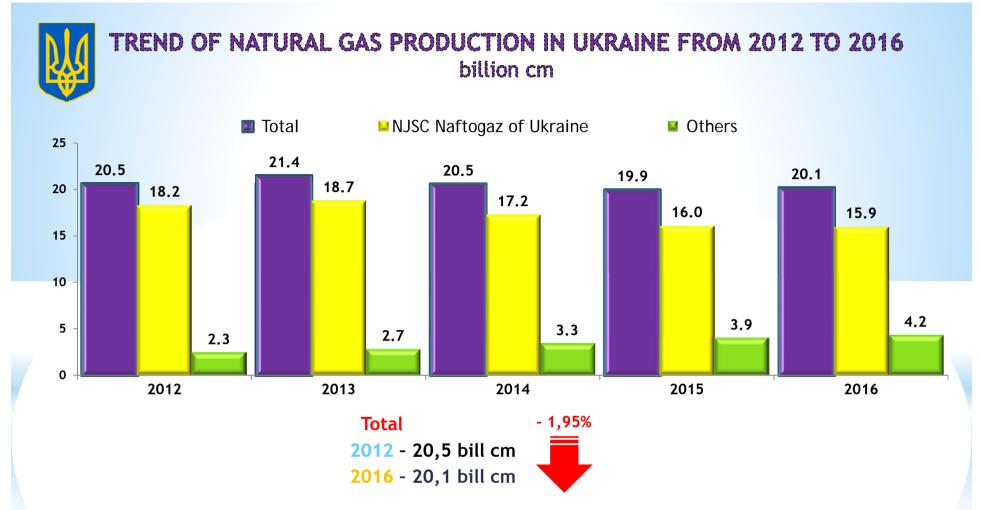
Dynamics of the GDP of Ukraine from 2002 to 2016

	GDP mln, USD		
2002			42393
2003	50133	7740	+18.3%
2004	64883	14750	+29.4%
2005	86142	21259	+32.8%
2006	107753	21611	+25.1%
2007	142719	34966	+32.5%
2008	179992	37273	+26.1%
2009	117228	-62765	-34.9%
2010	136419	19192	+16.4%
2011	163160	26740	+19.6%
2012	175781	12622	+7.7%
2013	183310	7529	+4.3%
2014	131805	-51505	-28.1%
2015	90 615	-41190	-31.3%
2016	93 937	+3 322	+3,67 %

Main strategic directions

- Save the transit role of gas transmission system of Ukraine
- Stimulate gas production
- Harmonize Ukrainian legislation in line with EU
- Ensure integration electric and gas sectors of Ukraine into the European market
- Diversify the sources and routes of energy supply (gas, oil, nuclear fuel, coal) Ukraine will buy coal from USA and Kazakhstan
- According to the obligations Ukraine in the future should increase in the total balance of electricity the share of electricity from renewable sources to 11% (currently 2%)



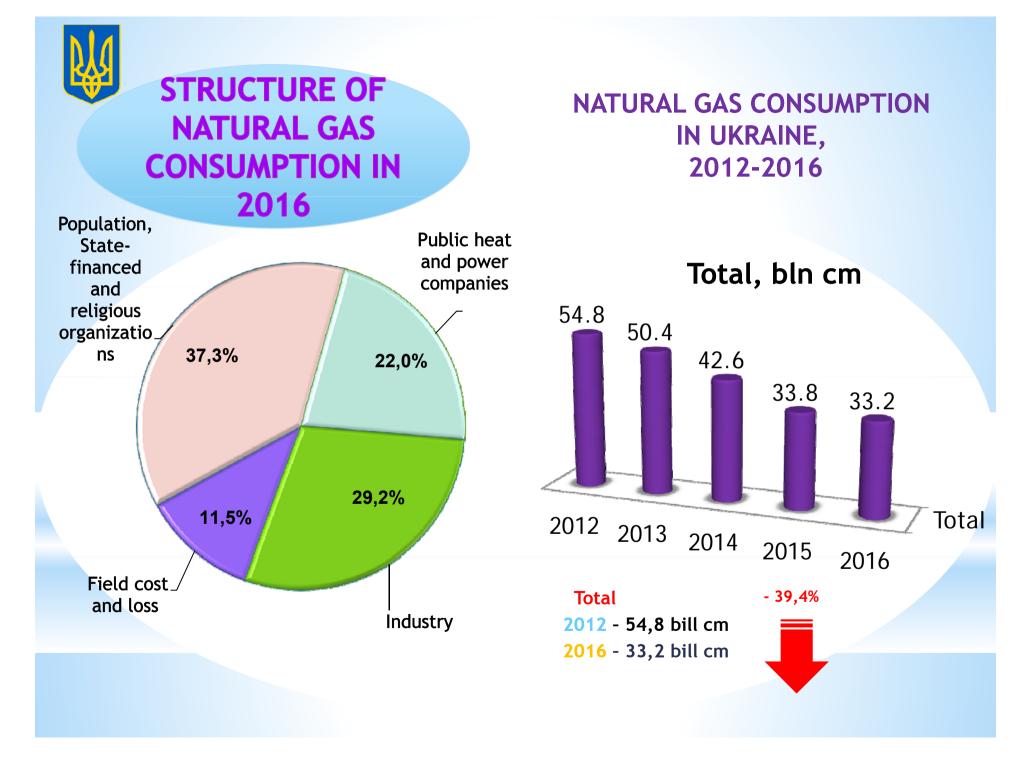


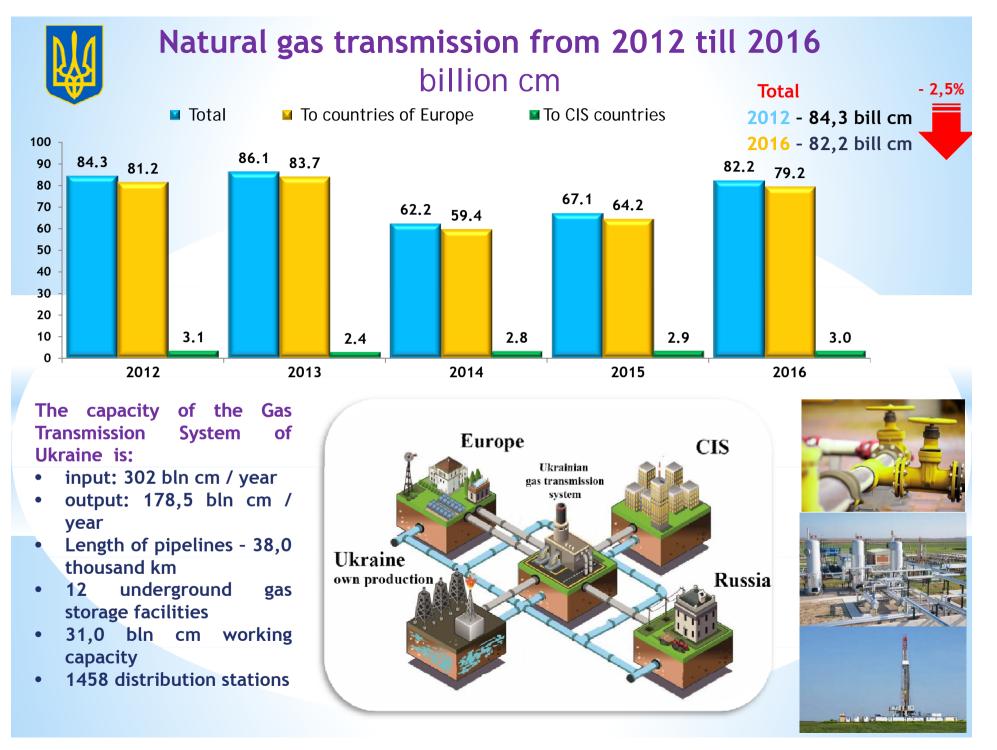
Naftogaz of Ukraine (state company) and other private companies are responsible for gas production in Ukraine. Also our state company is involved with extraction, transportation, and refinement of <u>natural gas</u> and <u>crude oil</u>.

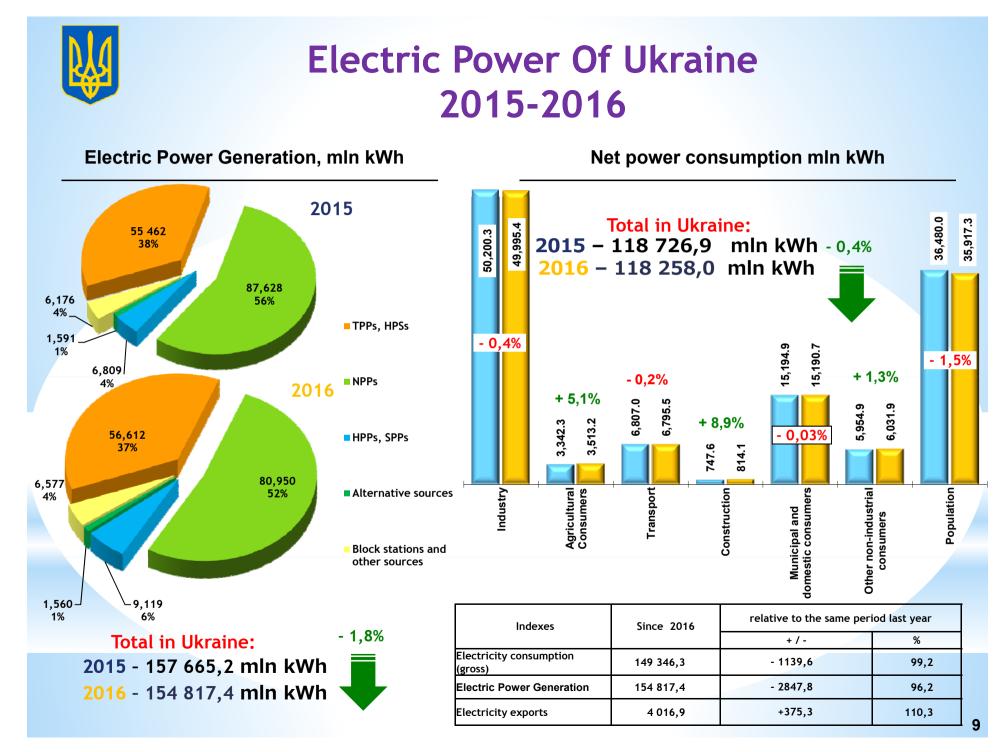
Compare 2012 and 2016 Naftogaz decreased gas production on 12,6 %.

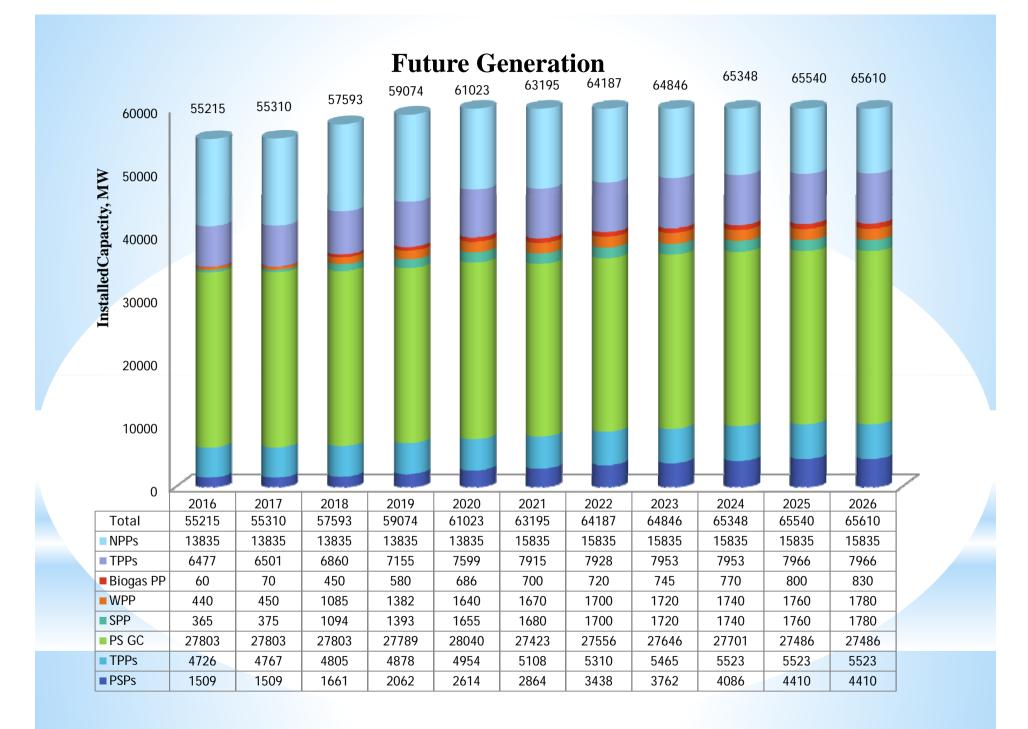
But in general **total index significantly not changed** and in the future Ukraine is going to increase the own gas production

(Concept of development of gas production in Ukraine until 2020).

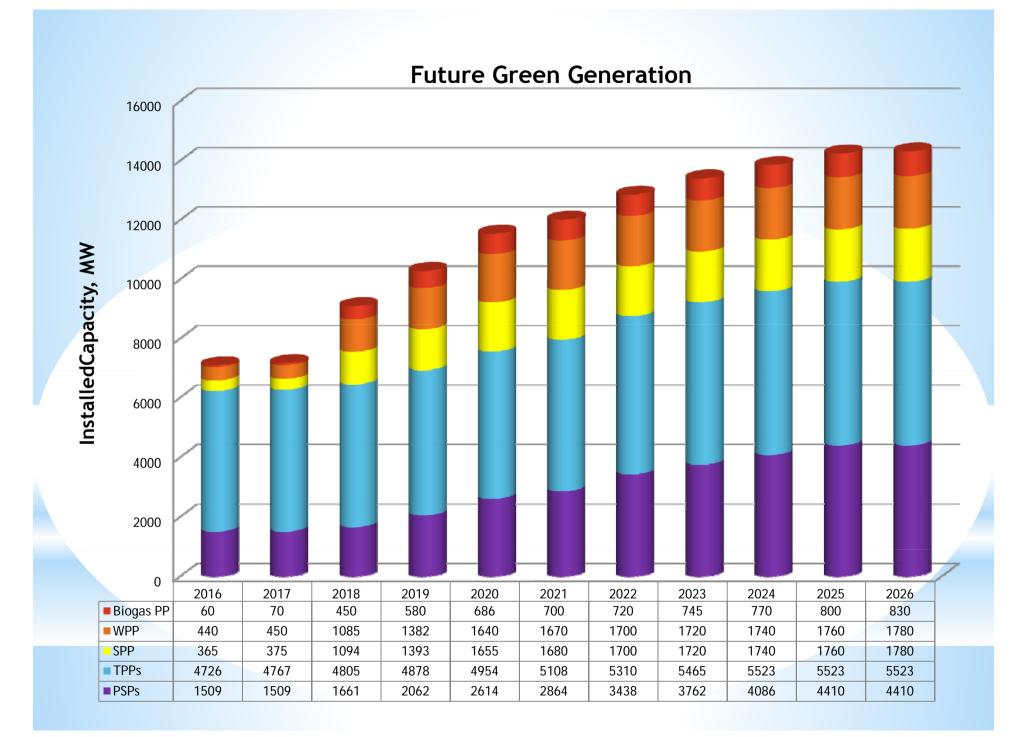


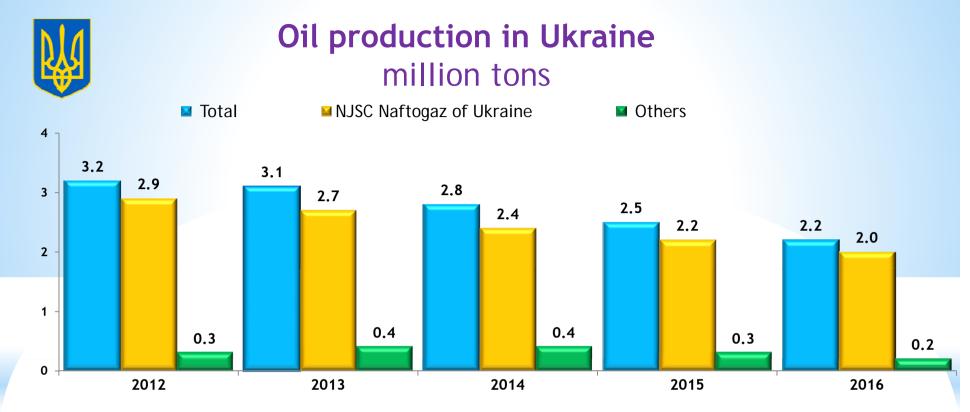






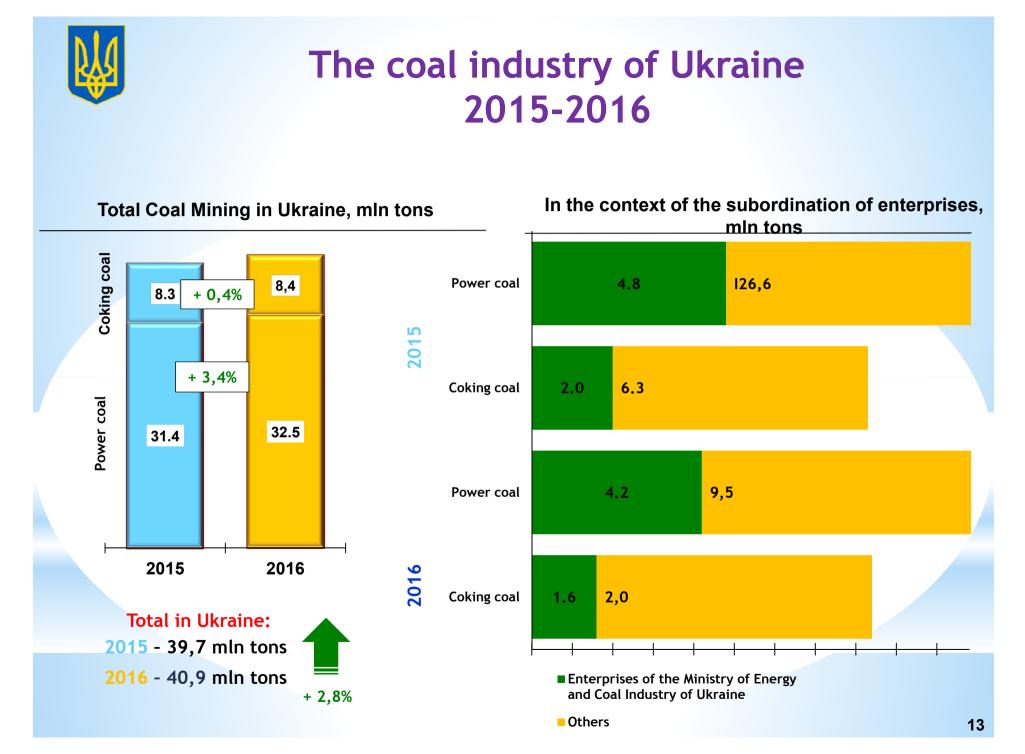




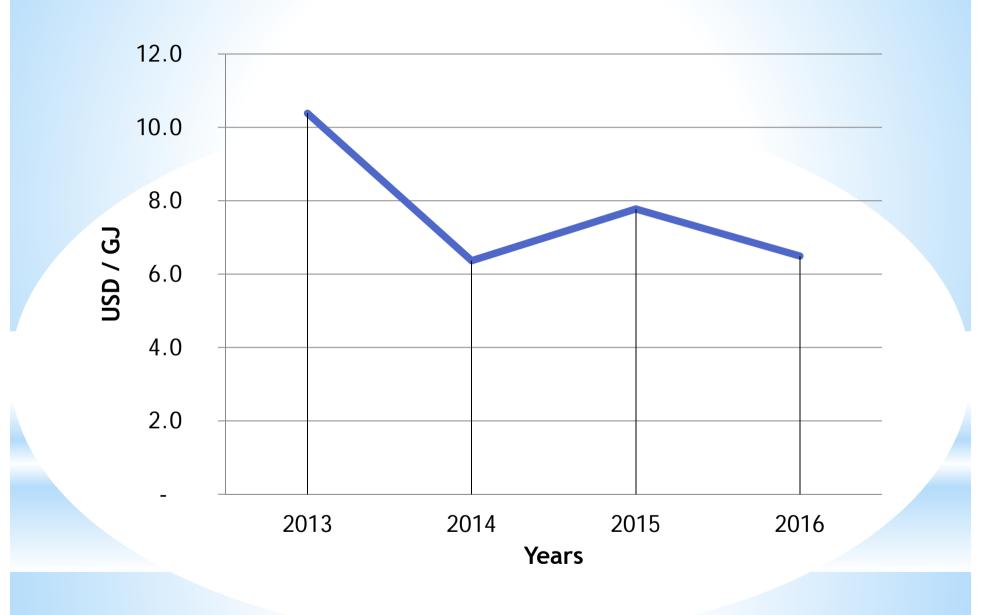


According to the results 2016 Ukraine has reduced oil production by 11.6% or 208.9 ths. tons compared to 2015 year up to 1 million 596.7 thousand. tonnes.

Other oil and gas companies of the country in 2016 have reduced oil production by 54.5% (to 60.2 thousand. tons) - to 50.3 thousand tons.









REGARDING THE INTERESTING SUBJECT FOR STUDY

As it was mentioned before **RENEWABLE ENERGY** is a new and perspective direction for development in Ukraine. At this time Ministry of Energy and Coal industry of Ukraine receives the offers from potential investors for the launch the new energy projects by energy production from renewable energy sources (mainly hydropower, solar, wind energy)

Furthermore, the Ministry supports, in particular those initiatives primarily aimed at saving traditional energy resources by a corresponding reduction of consumption and use of alternative and renewable energy sources.

It will be great to know more about this sector in the context to increase the level of energy independence.

