

# EU4ENERGY IN BELARUS

The EU4Energy Programme, funded by the European Union, has been working with Belarus since 2016, helping to strengthen legislative and energy regulatory frameworks, improving the quality of data and statistics, and supporting evidence-based policymaking. With the help of the International Energy Agency and the Energy Charter, significant progress has been made towards strong policymaking, legislation and statistics that will lay the foundations for Belarus' energy security, sustainable energy and energy markets in the years to come.

## KEY DATA 2019

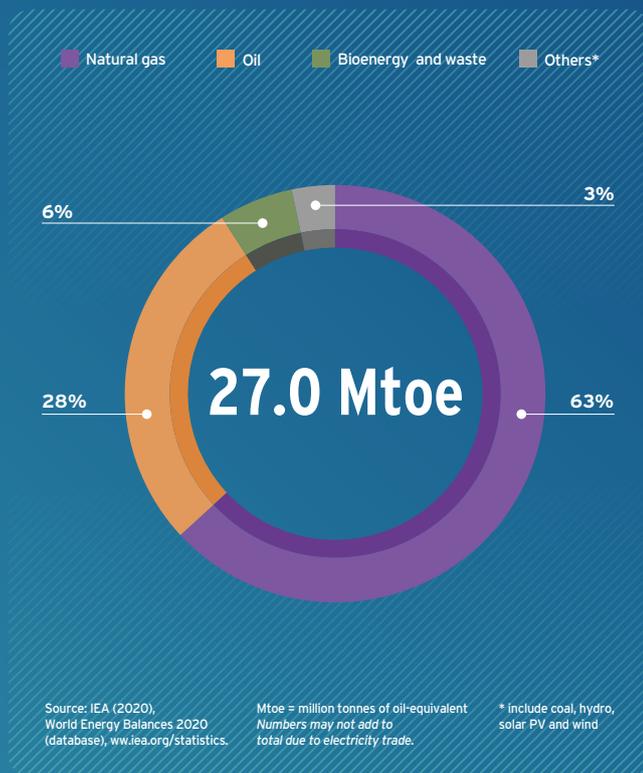
Population (millions)	9.467	millions
Gross domestic product	178.65	billion USD (2015 prices and PPPs)
Total energy supply (TES) / GDP (2018)	0.15	toe per thousand USD (2015 prices and PPPs)
TES / population (2018)	2.843	toe per capita
Share of renewables in electricity generation	26	%

Source: IEA (2020), World Energy Balances 2020 (database), [www.iea.org/statistics](http://www.iea.org/statistics)

toe = tonnes of oil-equivalent

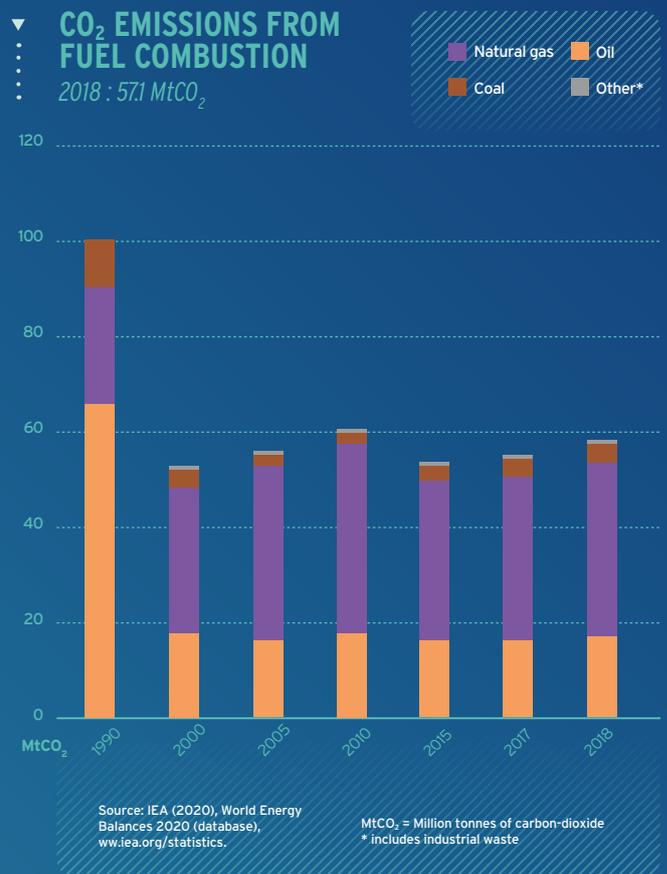
## BELARUS ENERGY MIX

### TOTAL ENERGY SUPPLY (TES) 2018



## BELARUS CO<sub>2</sub> EMISSIONS

### CO<sub>2</sub> EMISSIONS FROM FUEL COMBUSTION 2018 : 57.1 MtCO<sub>2</sub>



## ENERGY SECURITY

In 2021, EU4Energy will conduct an IEA In-Depth Peer Review of Belarus' energy sector, analysing energy policy and providing recommendations as the country looks to transition to a more secure, sustainable and affordable energy future.

In addition, EU4Energy, in coordination with the government of Belarus, is developing a roadmap on Electrification

of Final Demand, which will look at how power systems can adjust to match generation capacity. This will allow for more flexibility and a shift towards a cleaner fuel mix, which will result in a reduction in fossil fuel imports, thereby strengthening energy security and lower emissions.

## ENERGY MARKETS

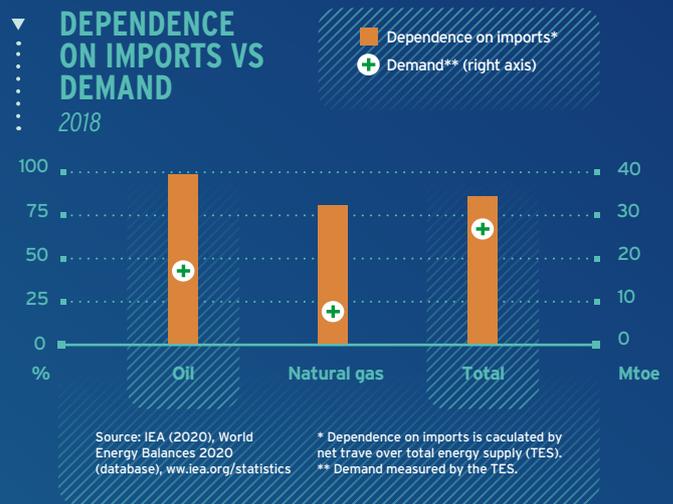
EU4Energy undertook an in-depth assessment of the draft Electricity Market Law of Belarus. Relevant EU best practices (from the first, second and third Energy packages), applicable to Belarus have been identified, and over 30 recommendations and suggestions for necessary amendments to align the law to best EU practice were provided and discussed in detail with the Ministry of Energy. Furthermore, support was provided for the preparation of wholesale electricity market rules and a framework guideline was developed for setting up appropriate minimum standards and technical requirements applicable to renewable energy connections to the grid.

At the request of the Ministry of Energy, EU4Energy provided guidance on the future natural gas market reform, in light of EU and international best practice.

Between 2017 and 2019, EU4Energy organised a series of policy fora, creating a platform for dialogue on key energy issues. These were a chance for Belarusian policymakers and stakeholders to exchange best practice with their regional peers and discuss areas of focus, such as system integration, research, development and deployment (RD&D) of renewables, and energy efficiency.

Inspired by the examples of data sharing showcased by EU4Energy, Belstat, the National Statistical Office of Belarus, developed its own high-quality infographics to

communicate the latest energy statistics to users. While energy data is already well integrated into national energy planning, these infographics further increase the awareness and understanding of official national data by citizens, policymakers and investors. They also underpin a more transparent policymaking and legislative process, with the recent example of the 2030 energy demand forecasting process, while giving investors a greater level of confidence in their planning.

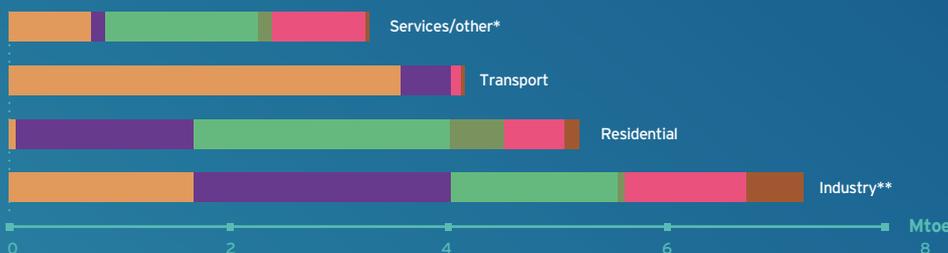


## SUSTAINABLE ENERGY

EU4Energy has been working with Belarusian stakeholders to strengthen the country's legal and regulatory framework in order to attract more investment in energy efficiency and renewable energy, specifically in the electricity and industrial sectors. A long-term roadmap was approved by the dedicated task force, outlining specific measures and proposals to attract more investment, including the development of a legal basis for energy efficiency services, the introduction of energy management standards in industrial enterprises, and intensification of reforms in the electricity and natural gas sectors.

EU4Energy helped lay the foundations for the successful introduction of the Energy performance contracting and energy services (ESCO) concept in Belarus by proposing the establishment of a State Super ESCO company. Guidelines, energy performance contract templates and in-depth capacity building were provided to officials from the State Energy Efficiency Department at Goststandard. It is expected that the establishment of the proposed State Super ESCO company will contribute to the rapid acceleration of energy efficiency investments, namely in the state-owned sector in Belarus.

### TOTAL FINAL CONSUMPTION: 19.9 MTOE 2018



Oil  
Natural gas  
District heat  
Bioenergy & waste  
Electricity  
Coal

\* includes non-energy use  
\*\* include commercial and public services, agriculture, forestry and fishing

Source: IEA (2020), World Energy Balances 2020 (database), [www.iea.org/statistics](http://www.iea.org/statistics).

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