

What is Moldova's energy policy?

Moldova's energy policy focuses on improving integration in regional markets, strengthening energy security, improving compliance with EU directives, increasing electricity generation capacity and promoting energy efficiency and renewable energy.

What is the energy situation in Moldova?

Energy in Moldova refers to the energy and electricity production, consumption, and import in the country. Moldova lacks domestic sources of fossil energy and must import substantial amounts of petroleum, coal, natural gas, and other energy resources. In 2018, the primary energy supply was approximately half natural gas, a quarter oil, and one-fifth solid biomass.

How does Moldova share energy data?

Moldova shares energy data through five annual International Energy Agency (IEA)/Eurostat/UN Economic Commission for Europe (UNECE) joint questionnaires.

How much energy does Moldova use?

Moldova consumes around 4 million tonnes of oil equivalent (Mtoe) of energy per year (4.1 Mtoe in 2018), comparable to energy consumption in Luxembourg. Moldova's energy self-sufficiency is very low, among the lowest in the world.

Why is Moldova a partner country of the EU INOGATE energy programme?

Moldova is a partner country of the EU INOGATE energy programme because it supports sustainable energy development and is a part of projects of common and regional interest. The programme also aims to enhance energy security and convergence of member state energy markets on the basis of EU internal energy market principles.

What responsibilities does Moldova have?

Moldova, as a contracting party, has the following tasks and obligations in the Energy Community: It must implement roughly 25 legal acts that include key EU legal acts in the area of electricity, gas, oil, environment, energy efficiency, renewable energy resources, and statistics.

Moldova relies heavily on neighboring countries for energy, which has led to natural gas and power supply challenges and forced Moldovans to pay high prices for imported energy, while domestic clean energy resources remain underutilized.

This interactive chart allows us to see the country's progress on this. It shows the share of electricity that comes from low-carbon sources. We look at data on renewables and nuclear power separately in the sections which follow.

Moldova's energy sector relies heavily on imports of electricity and gas. The country produces only about 20 percent of its annual electricity consumption from natural gas-fired combined heat and electricity power plants. Moldova has one hydropower plant, the Costesti Hydropower Plant.

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Why is Renewable Energy Production Important for Moldova? Chisinau, the capital of the Republic of Moldova, is advancing efforts to boost renewable energy production, aiming for energy independence and a transition to green energy.

A 190-kilometre long overhead power line is planned for construction in the coming years. This line will serve to interconnect the energy system of the Republic of Moldova with those of Romania and the European Union, bolstering energy security in the region.

The structure of energy consumption in the Republic of Moldova and its limitations. The Republic of Moldova consumes about 4 million MWh of electricity annually. Of this, almost 45% is consumed in households and only 15% in industry.

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