

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

Armenia is also a partner country of the EU INOGATE energy programme, which has four key topics: enhancing energy security, convergence of member state energy markets on the basis of EU internal energy market principles, supporting sustainable energy development, and attracting investment for energy projects of common and regional interest.

How does Armenia generate electricity?

Most of the rest of Armenia's electricity is generated by the natural gas-fired thermal power plants in Yerevan (completed in 2010) and Hrazdan. Upon gaining independence, Armenia signed the European Energy Charter in December 1991, the charter is now known as the Energy Charter Treaty which promotes integration of global energy markets.

What percentage of Armenia's Energy is renewable?

Renewable energy resources, including hydro, represented 7.1% of Armenia's energy mix in 2020. Almost one-third of the country's electricity generation (30% in 2021) came from renewable sources. Forming the foundation of Armenia's renewable energy system as of 6 January 2022 were 189 small, private HPPs (under 30 MW), mostly constructed since 2007.

Does Armenia have solar energy?

Armenia has significant solar energy potential: average annual solar energy flow per square metre of horizontal surface is 1 720 kWh (the European average is 1 000 kWh), and one-quarter of the country's territory is endowed with solar energy resources of 1 850 kWh/m<sup>2</sup> per year. Solar thermal energy is therefore developing rapidly in Armenia.

What are the main energy sources in Armenia?

Since 1996 three main energy sources for electricity generation in Armenia were natural gas, nuclear power and hydropower. Despite a lack of fossil fuel, Armenia has significant domestic electricity generation resources.

Does Armenia use natural gas?

Natural gas represents a large portion of total energy consumption in Armenia, accounting for 50% and is the primary means of winter heating in the country.

Armenia relies heavily on natural gas to fuel its economy, constituting 61% of its total primary energy supply, followed by nuclear energy (18%) and oil products (14%). Energy consumption is primarily concentrated in the household (34%) ...

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The Renewable Energy Investment Plan for Armenia was approved within the framework of the Climate Investment Funds' Scaling-Up Renewable Energy Programme (SREP), which has allocated resources to develop up to 110 MW of utility-scale solar PV generation.

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The Republic of Armenia Energy Sector Development Strategic Program to 2040 defines the main directions of the development of the energy sector of the Republic of Armenia and the measures ensuring its implementation till 2040.

Spero develops innovative chemical technologies with a focus on plant-based renewables. Instead of relying on petrochemicals, our proprietary technology unlocks the potential of readily available biomass. Our goal to support green ...

Energy balance is a valuable instrument for the assessment, documentation and monitoring of the energy efficiency and renewable energy indicators in the country for the given year. Energy balance is one of the main sources for the collection of the initial data on GHG emissions in ...

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Armenia's energy security has greatly improved since the gas and power supply crisis in the early to mid-1990s. During the crisis, energy sector management was dysfunctional, losses were extremely high, and the collection rate was below 50%. This resulted in acute supply shortages, with households receiving only a few hours of power per day.

Armenia: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page provides the data for your chosen country across ...

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OverviewHistory and geopoliticsRankingsPrimary energy supplyNatural reservesOilNatural gasSee alsoEnergy in Armenia is mostly from natural gas. Armenia has no proven reserves of oil or natural gas and



## Armenia spero energy

currently imports most of its gas from Russia. The Iran-Armenia Natural Gas Pipeline has the capacity to equal imports from Russia. Despite a lack of fossil fuel, there are significant domestic resources to generate electricity in Armenia. The Armenian electrical energy sector has had a surplus...

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