

Is Macedonia ready for a future energy community?

Considering the latest developments in the energy governance of the country, the adoption of the 2040 Energy Development Strategy, and the initial steps and enthusiasm present in the Macedonian Government for supporting citizen energy and prosumers, are providing good prospects for the establishment of future energy communities.

What is the energy supply in North Macedonia?

ENERGY PROFILE North Macedonia ENERGY PROFILE Total Energy Supply (TES) 2016 2021
Non-renewable (TJ) 93 548 92 443 Renewable (TJ) 19 952 22 166 Total (TJ) 113 500 114 609 Renewable share (%) 18.19 Growth in TES 2016-21 2020-21 Non-renewable (%) -1.2 -3.0 Renewable (%) +11.1 -0.5 Total (%) +1.0 -2.5 Primary energy trade 2016 2021

Is North Macedonia reliant on fossil fuels?

According to the national and international statistics, such as those run by the World Data and the International Energy Agency, North Macedonia remains reliant on fossil fuels²⁸. Majority of its total energy mix, both on supply and demand side, still falls under the category of fossil fuels (Figure 2), mostly due to the usage of coal and oil.

Are wind power projects a good opportunity for North Macedonia?

Nevertheless, for the time being, there is no visible resistance and wind potential remains. Just as with any future exploitation of renewable energy, wind power projects can be a good opportunity for citizen participation and creation of energy communities in North Macedonia.

What is North Macedonia's energy mix?

In addition, North Macedonia's energy mix includes a significant percentage of hydropower, having mountainous geography with powerful streams of rivers running through the country. For the time being, the hydropower capacity is partially used.

Should North Macedonia accelerate the transition to renewables?

Like others in the region, North Macedonia must balance its need to rapidly accelerate the transition to renewables to secure its energy future with the need to ensure that future is one where both the country's nature and people thrive.

North Macedonia welcomes investments in the energy sector. The government invites companies to design, build, and operate new large and small hydro power plants, wind, solar, and biogas farms. Companies can also apply for tenders to construct sections of the national gas distribution network.

North Macedonia should prioritize the complete incorporation of the Environmental Impact Assessment

Directive into its national legislation to address the breach established by the Ministerial Council. The Government should expedite the initiation of the Strategic Environmental Assessment for the revision of the NECP.

North Macedonia: 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 ...

A Renewable Energy Future in North Macedonia: A Blueprint for Accelerating the Transition. Research identifies twice the land needed to meet the country's electricity demand without unduly impacting nature and communities. October 04, 2023

developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end capacity x 8,760h/year. Avoided

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North Macedonia today launched a just energy transition investment platform to guide its far-reaching plans for a low-carbon and just transition of the electricity sector. The platform represents a milestone for the historically coal-dependent country and highlights its ambition to Transform its energy sector and economy to a low-carbon, low ...

total energy consumption is one of the major strategic objectives of the Government of the Republic of North Macedonia. This is very important for ensuring stable energy supply and energy security, thus creating conditions for sustainable development of the energy sector in the country within the regional and global sustainable energy development.

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