



Republic of Moldova



ca. **320 MW**
Minimum

Load in the system

ca. **790 MW**
Maximum

65,029 GWh

5591 ktoe technical potential of RES

0.1 EUR/kWh
retail market

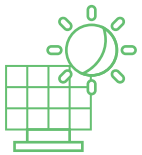
Medium tariff for electricity

0.05 EUR/kWh
wholesale market

480 MW

Annual average load in electricity system

KEY DATA ABOUT RES

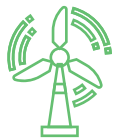


1950-2210 hours/year

Sunshine

4.65 GW = 6 TWh/year

Max. generation capacity



20.8 GW = 50.2 Twh/year

Max. generation capacity



716 MW = 4,583 GWh/year

Max. generation capacity



134 MW = 805 GWh/year

Max. generation capacity

The Moldovan Investment Agency is the prime source of information and assistance for potential investors.

We provide tailored services for potential investors throughout the investment decision process. We also support existing investors in extending their operations.

Our team consists of permanent investment attraction staff, sectorial consultants, as well as regional officers. Combining our experience, we are able to provide you with information relevant for your decision making, as well as links to businesses and government.

Moldova is a small country with great potential.

Find out more.

Contact us at:

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The Moldovan Investment Agency, 2019



RENEWABLE ENERGY

Edition 2019

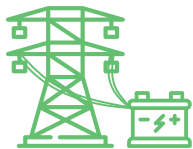
REPUBLIC OF MOLDOVA

Your green energy destination



The largest production of Green Energy in RM

photo: Südzucker Moldova



8.5 Mio. cubic meters of biogas a year
Supplying the power grid with 18.2 Mio. kW a year



Instruments to attract investment in EE and RES



Availability of the Solar Energy Atlas / Wind Energy Efficiency Atlas / Estimates of the Energetic Potential of Solid Biomass



Implementation of RES projects following the ESCo and PPP concepts



Availability of 17 EE and RES studies and guides



Availability of a Single Database in EE and RES



The Agency for Energy Efficiency Exercises the functions of Investors' Information Center in RES

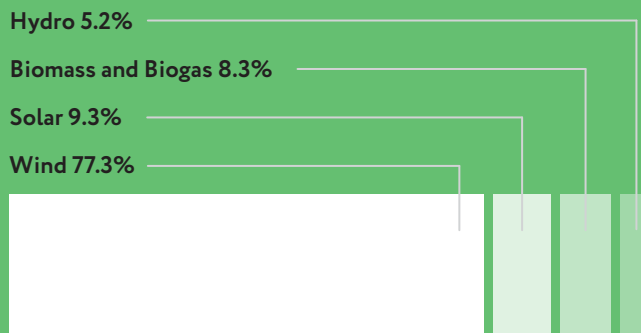


Available tax and customs exemptions

26.8 % OF THE ENERGY CONSUMED IN THE REPUBLIC OF MOLDOVA IS "GREEN", THIS AMOUNT BEING ALMOST TOTALLY ORIENTED TOWARDS HOUSEHOLD HEATING AND COOLING, WHILE RENEWABLE ENERGY SOURCES COVER ONLY 2 % OF THE COUNTRY'S ELECTRICITY CONSUMPTION.

Wind energy has the greatest technical potential at approximately 77.3%, followed by solar potential equal to approximately 9.3%; biomass constitutes about 8.3%, out of which, solid biomass constitutes 7% & and biogas potential is estimated at 1.2%, and hydro potential is about 5.2%.

TECHNICAL POTENTIAL FOR ELECTRICITY GENERATION FROM RES



Source: Ministry of Economy and Infrastructure, 2017



photo: Esco Voltaj Ltd.

TOP REASONS TO INVEST IN MOLDOVAN RES



Guaranteed Feed-in Tariffs (FiTs) for smaller projects and transparent competitive bidding procedure for bigger ones. FiTs are calculated based on weighted average cost of capital of 8.3%.



Fiscal incentives for investments in generation of electricity from Renewable Energy. Under power purchasing guarantees the investor is protected against any commercial risks.



Solar-PV installations, wind turbines, biogas fired power plants and biomass power plants delivered in the electric network by eligible producers will be purchased obligatory by the central electricity supplier.

THE RES INVESTMENTS' PROJECT VIABILITY CRITERIA

- ✓ technical credibility of the project
- ✓ financial credibility
- ✓ eligibility of land
- ✓ credibility of the power plant connection to the grid