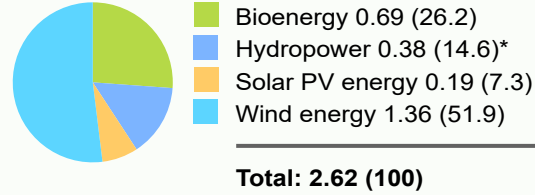


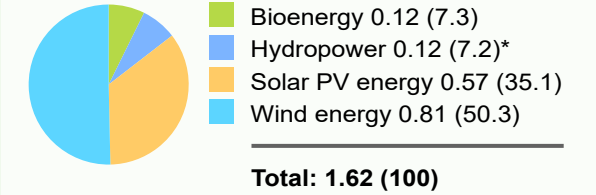
Lithuania • Renewable energy

Gross electricity generation from renewable sources by 2021, TWh (%):



Source: Renewable Energy Statistics 2023 © IRENA
* excluding pumped storage

Total installed renewable energy power capacity by 2022, GW (%):



Source: Renewable Energy Statistics 2023 © IRENA
* excluding pumped storage

Key wood pellet plants over 10 000 t/y:

- 1 Radviliskis, JSC GaireLita
- 2 Mažeikiai, Baltic Bio Energy
- 3 Alytus, Graanul Invest
- 4 Baisogala, Granulita UAB
- 5 Tubučiu, Šilales Mediena
- 6 Utena, BIOGRA UAB
- 7 Mažeikiai, BioWood Nordic UAB
- 8 Telšiai, Bio Wood UAB
- 9 Prienai, Biofuelz UAB
- 10 Vilnius, Biodela UAB

Waste-to-energy plant:

- 1 Klaipeda, Fortum

Key solar PV power plants over 1.0 MWel, MWel:

- 1 Sītkūnai, 2.6
- 2 Brizgai, 2.0
- 3 Daušiškiai, 1.9
- 4 Oranai (Solar LT), 1.5
- 5 Lentvaris, RETAL factory, 1.4
- 6 Utena, Švyturys-Utenos alus, 1.0
- 7 Benaičiai, 1.0

Key biomass power plants over 2.0 MWel, MWel:

- 1 Vilnius CHP, 88.0*
- 2 Kaunas CHP, 24.0*
- 3 Vilnius, Vilniaus Energija, 12.0
- 4 Šiauliai, Šiaulių Energija, 11.0
- 5 Alytus CHP, UAB Litesko, 5.4
- 6 Kaunas (Taika), Danpower Baltic, 5.0
- 7 Marijampole, UAB Litesko, 2.5
- 8 Utena, UAB UST, 2.5

* under construction

Key biogas plants:

- 1 Pasvalys, Kurana UAB
- 2 Vilnius WWTP
- 3 Obeliai Distillery, AB Vilniaus degtine
- 4 Pasodėlė, Idavang (Psenergija UAB)
- 5 Noreikiškes, AB Kauno energija
- 6 Klaipeda WWTP
- 7 Lekėčiai, Idavang UAB
- 8 Rokiškis, AB Rokiškio sūris

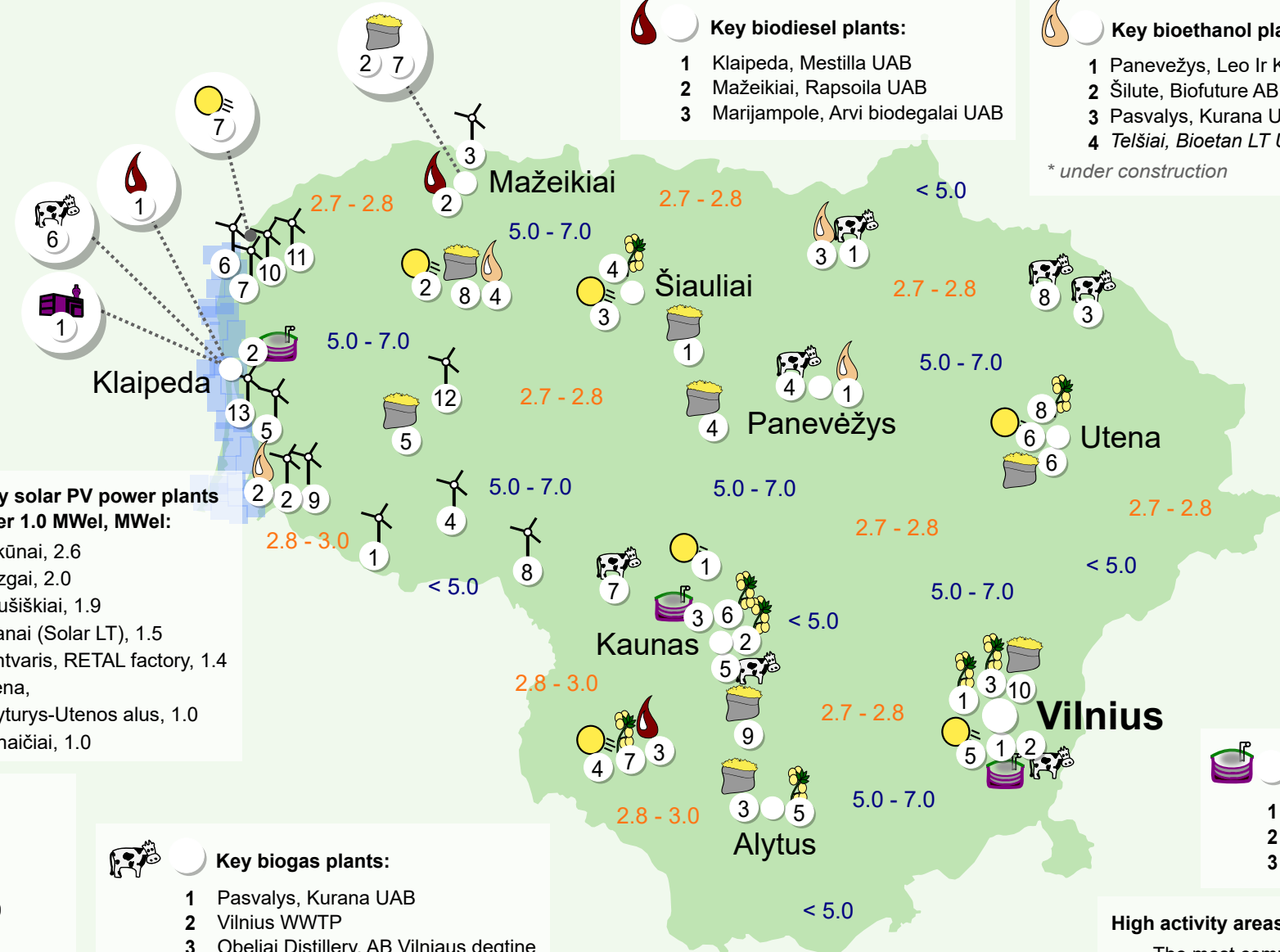
Key biodiesel plants:

- 1 Klaipeda, Mestilla UAB
- 2 Mažeikiai, Rapsoila UAB
- 3 Marijampole, Arvi biodegalai UAB

Key bioethanol plants:

- 1 Panevėžys, Leo Ir Ko
- 2 Šilute, Biofuture AB
- 3 Pasvalys, Kurana UAB
- 4 Telšiai, Bioetan LT UAB*

* under construction



Key wind farms over 10 MW, MW:

- 1 Strepeikių (Pagėgiai 13), 73.5
- 2 Juknaičiu (Šilute), 60.0
- 3 Kabaldiku (Mažeikiai), IKEA, 45.0
- 4 Kreivenai 1-2-3, 44.9
- 5 Čiūteliai, 39.1
- 6 Benaičiai-1, 34.0
- 7 Vydmantai, 30.0
- 8 Geišių (Rotuliai-II), 24.0
- 9 Didšiliai, 21.4
- 10 Laukžemes, 16.0
- 11 Sūdėnai, 14.0
- 12 Šilale, 13.8
- 13 Mockiai, 12.0

Key landfill gas-to-energy plants over 1.0 MWel, MWel:

- 1 Kariotiškes, Vilnius, 1.6
- 2 Gladenu, Klaipeda, 1.6
- 3 Lapes (Domeikava), 1.1

0.0 kWh/m²/d Global Horizontal Irradiation (GHI)
0.0 m/s Wind speed

High activity areas:

The most common solar GHI intensity is 2.8 - 3.0 kWh/m² per day, distributed in western part of country, in Klaipeda, Marijampole and Alytus counties.

The most common wind speed is over 7.0 m/s at 50 m are distributed in western part of country, along the coastal line with the Baltic Sea, in Klaipeda county.

Source: Energydata.info

