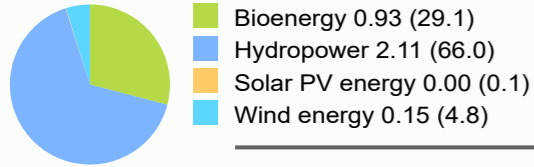


Latvia • Renewable energy

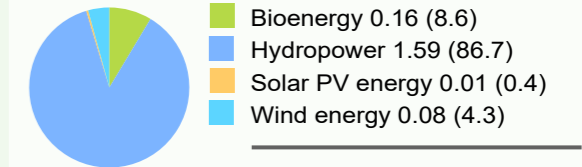
Gross electricity generation from renewable sources by 2019, TWh (%):



Total: 3.19 (100)

Source: Renewable Energy Statistics 2021 © IRENA

Total installed renewable energy power capacity by 2020, GW (%):



Total: 1.84 (100)

Source: Renewable Energy Statistics 2021 © IRENA

Major biogas plants over 1.9 MWe:

- 1 Dobeles, Bio Ziedi
- 2 Daugavgrīva WWTP
- 3 Nīca (Piejūras enerģija), EcoGen
- 4 Kalsnava, BBR
- 5 Agrofirma Tērvete
- 6 Skrudaliena
- 7 Sarkaņu p., Bioenerģija-08
- 8 Liepkalne, Conatus Bioenergy
- 9 Gravas, Grow Energy
- 10 Iecava, Agro Iecava

Major bioethanol plants:

- 1 Iecava, Jaunpagasts Plus
- 2 Jaunpagasts, Jaunpagasts Plus
- 3 Jaunkalsnava, Biodegviela Ltd.

Wind power plants over 1 MW:

- 1 Pope / Targale
- 2 Grobina
- 3 Reģi (Alsunga)
- 4 Vērgale
- 5 Ainaži
- 6 Užava

Major biodiesel plants:

- 1 Ventspils, Bio-Venta
- 2 Brankas, Mežrozīte
- 3 Stalgene, Latraps

Major biomass power plants over 1 MWe:

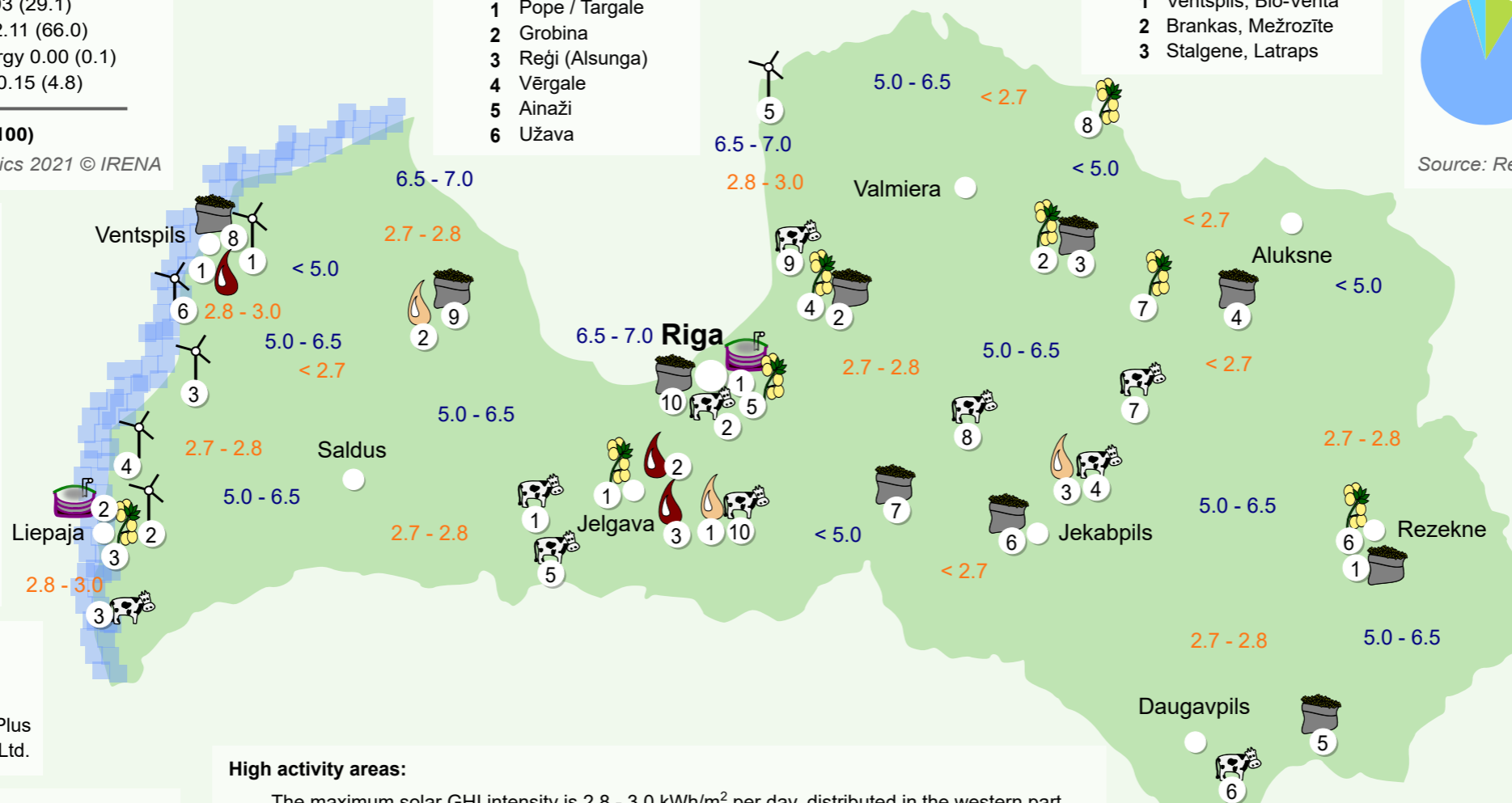
- 1 Jelgava
- 2 Launkalne
- 3 Liepāja
- 4 Inčukalns
- 5 Ziepniekkalns (Rīga)
- 6 Rezekne
- 7 Lizums, Avoti Ltd.
- 8 Valka

Major wood pellet plants over 70 000 t/y (Jul 2017):

- 1 Rezekne, NewFuels RSEZ
- 2 Incukalns, Graanul Pellets
- 3 Launkalne, Graanul Pellets
- 4 Gulbene, LatGran
- 5 Kraslava, LatGran
- 6 Jekabpils, LatGran
- 7 Jaunjelgava, LatGran
- 8 Ventspils, Kurzemes Granulas
- 9 Lauciene, SBE Latvia
- 10 Rīga, AKZ

Major landfill gas-to-energy plants:

- 1 Getliņi (Stopiņi)
- 2 Liepājas RAS



High activity areas:

The maximum solar GHI intensity is 2.8 - 3.0 kWh/m² per day, distributed in the western part of country, in Kurzeme (Ventspils and Liepāja districts) and Vidzeme (Limbažu district) regions.

The maximum wind speed is 7.0 - 7.7 m/s per year at 50 m are distributed in Kurzeme region, from Nida to Kolka cities, along the Baltic Sea western coastline.

Source: Energydata.info

0.0 kWh/m²/d Global Horizontal Irradiation (GHI)

0.0 m/s Wind speed