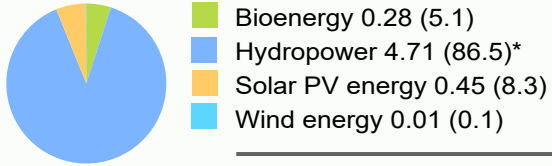


Slovenia • Renewable energy

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



Total: 5.45 (100)

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

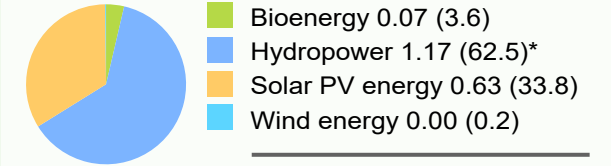
Key wood pellet plants:

- 1 Pivka, PE Enerles (RZ Pellets)
- 2 Hurševje, Profiles
- 3 Loče, Žagarstvo Cugmajster

Biodiesel plants:

- 1 Gančani (Beltinci), Intercorn Trading
- 2 Rače, Pinus

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



Total: 1.88 (100)

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

Key biogas plants over 1.0 MW, MW:

- 1 Organica Nova Vučja Vas, Keter Group, 4.8
- 2 Lendava, ECOS, 4.2
- 3 Pavlinjek (Petišovci), 4.2
- 4 Gjerkeš, Keter Group, 3.6
- 5 Vargazon, Keter Group, 2.4
- 6 Nemščak (Ižakovci), 1.5
- 7 Organica Šijanec (Ormoz), 1.2
- 8 Farma Ihan, 1.1
- 9 Logarovci, Marjan Kolar, 1.0
- 10 Kolar-2 (Turnišče), Keter Group, 1.0

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

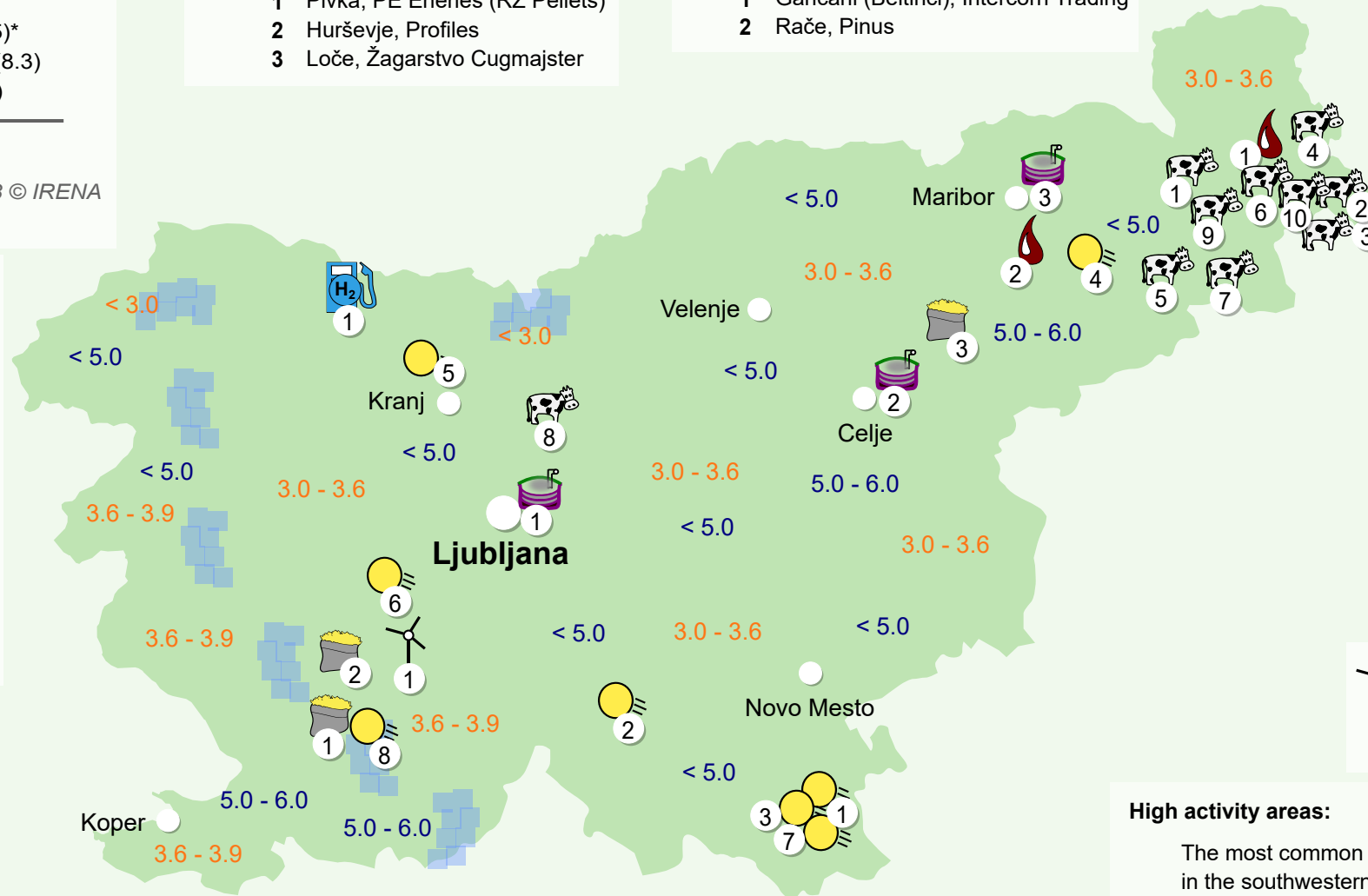
- 1 Ljubljana (Barje), 3.4
- 2 Celje, 2.1
- 3 Maribor (Pobrežje), 1.3



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Hydrogen fueling station:

- 1 Lesce



Key solar PV power plants over 1.0 MWe, MWe:

- 1 Dobljčica 1-4, 3.7
- 2 MFE Inles 1-3 (Ribnica), 2.9
- 3 Eldes 1-3, 2.4
- 4 MSE PP Sela 1-3 (Hajdina), 2.2
- 5 MFE Merkur 1-2 (Naklo), 1.6
- 6 Valkarton 1-2 (Logatec), 1.5
- 7 Zorenci, 1.3
- 8 SFVE TEP 1-2 KAL (Pivka), 1.2

Wind farms over 1.0 MW, MW:

- 1 Dolenja Vas, 2.3

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 3.6 - 3.9 kWh/m² per day, distributed in the southwestern part of country, in Coastal-Karst and Gorizia regions.

The most common wind speed is over 6.0 m/s at 50 m are distributed in the western part of country, mainly in the mountain area.

Sources: Energydata.info