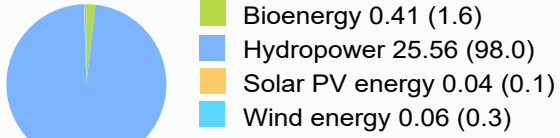


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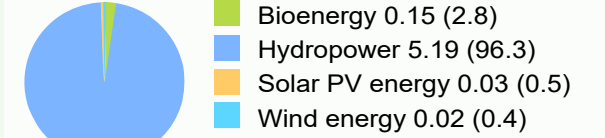
Gross electricity generation from renewable sources by 2021, TWh (%)



Total: 26.08 (100)

Source: Renewable Energy Statistics 2023 © IRENA

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



Total: 5.39 (100)

Source: Renewable Energy Statistics 2023 © IRENA

Key solar PV power plants over 1.5 MWeI, MWeI:

- 1 Salinas, 2.0
- 2 Puerto Ayora, 1.5

Wind farms over 1.0 MW, MW:

- 1 Villonaco, 16.5
- 2 San Cristóbal, 2.4
- 3 Baltra, 2.3

Bioethanol plants:

- 1 Guayaquil, Soderal
- 2 Milagro, Codana

Key landfill gas-to-energy plants, MW:

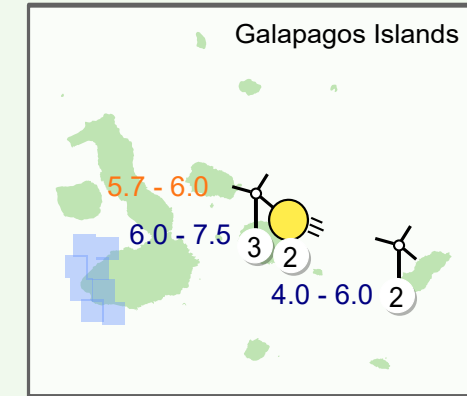
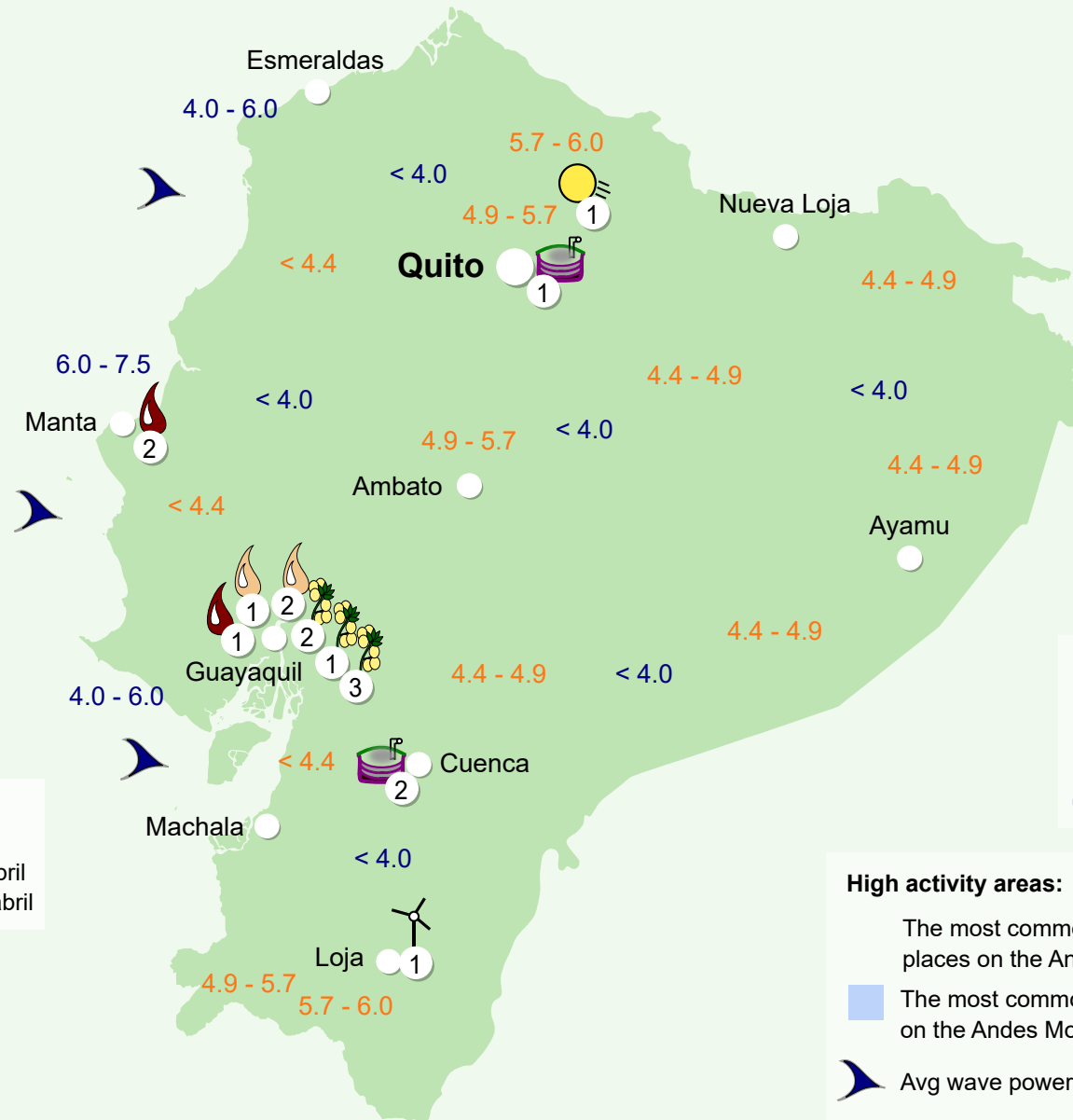
- 1 El Inga (Quito), 5.0
- 2 Pichacay, 1.1

Biodiesel plants:

- 1 Guayaquil, La Fabril
- 2 Montecristi, La Fabril

Key biomass power plants over 1.0 MWeI, MWeI:

- 1 San Carlos, 78.0
- 2 Ecoelectric Milagro, 36.5
- 3 Ecudos, 29.8



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 5.7 - 6.0 kWh/m² per day, distributed in some places on the Andes Mountains range height and in the Galapagos islands.

The most common wind speed is over 7.5 m/s at 50 m are distributed in some places on the Andes Mountains range height and in southwest part of the Galapagos islands.

Avg wave power potential is 15 - 20 kW/m per year.

Sources: Energydata.info; Wikipedia.