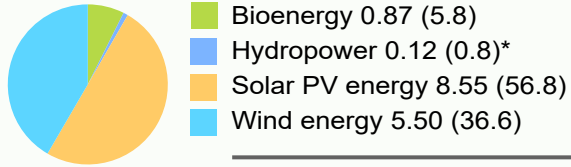


Belgium • Renewable energy • Bioenergy

Total installed renewable energy power capacity by 2023, GW (%):



Total: 15.05 (100)

Source: Renewable Energy Statistics 2024 © IRENA
* excluding pumped storage

Major biomass power plants, MWel:

- 1 Langerlo, 400.0
- 2 Rodenhuize, Max Green, 205.0
- 3 Les Awirs, 80.0
- 4 Ruien, 67.0
- 5 Langerbrugge, Stora Enso, 50.0
- 6 Oostrozebeke, A & S Energie, 25.0
- 7 Mouscron, 17.6
- 8 Ostend, 16.6
- 9 Amel, 11.2

Major biomass gasification plants from biowaste, MWth:

- 1 Ruien, Electrabel, 50.0

2G bioethanol plant:

- 1 Ghent Steelanol, ArcelorMittal*
- * under construction

Major biodiesel plants:

- 1 Ghent, Bioro
- 2 Feluy, Neochim
- 3 Ertvelde, Oleon Biodiesel

Major bioethanol plants:

- 1 Wanze, BioWanze
- 2 Ghent, Alco Bio Fuel
- 3 Aalst, Tereos Syral

Major wood pellet plants:

- 1 Burtonville-Vielsalm, IBV
- 2 Bertrix, ERDA
- 3 Thimister-Clermont, Woodenergy / Badger
- 4 Virton, Recybois / Badger
- 5 Deinze, Wonterspan

Major torrefaction plants, t/y:

- 1 Amel, 38 000
- 2 Ham, 38 000
- 3 Dilsen-Stokkem, 35 000

Major biogas plants, MWel:

- 1 Libramont, L'Oreal, 3.2
- 2 Tongeren, Swancote Energy, 2.8
- 3 NPG Bocholt, 2.8
- 4 NPG Bio II Antwerp, 2.8
- 5 NPG Bio I Peer, 2.3
- 6 Brecht, Igean, 2.3
- 7 Westvleteren, Valmass, 1.7
- 8 Verrebroek, Electrabel, 1.2

Key Waste-to-energy plants over 120 000 t/y:

- 1 Neder-Over-Heembeek (Brussels)
- 2 Doel-Beveren, Sleco
- 3 Herstal (Liege), Uvelia-Intradel
- 4 Thumaide, IPALLE
- 5 Brugge, IVBO
- 6 Pont-de-Loup, ICDI
- 7 Wilrijk (Antwerp), ISVAG
- 8 Ostend, Electrawinds

