

# **The German Energy Transition**

**Murihiku Regeneration Energy and Innovation Expo**

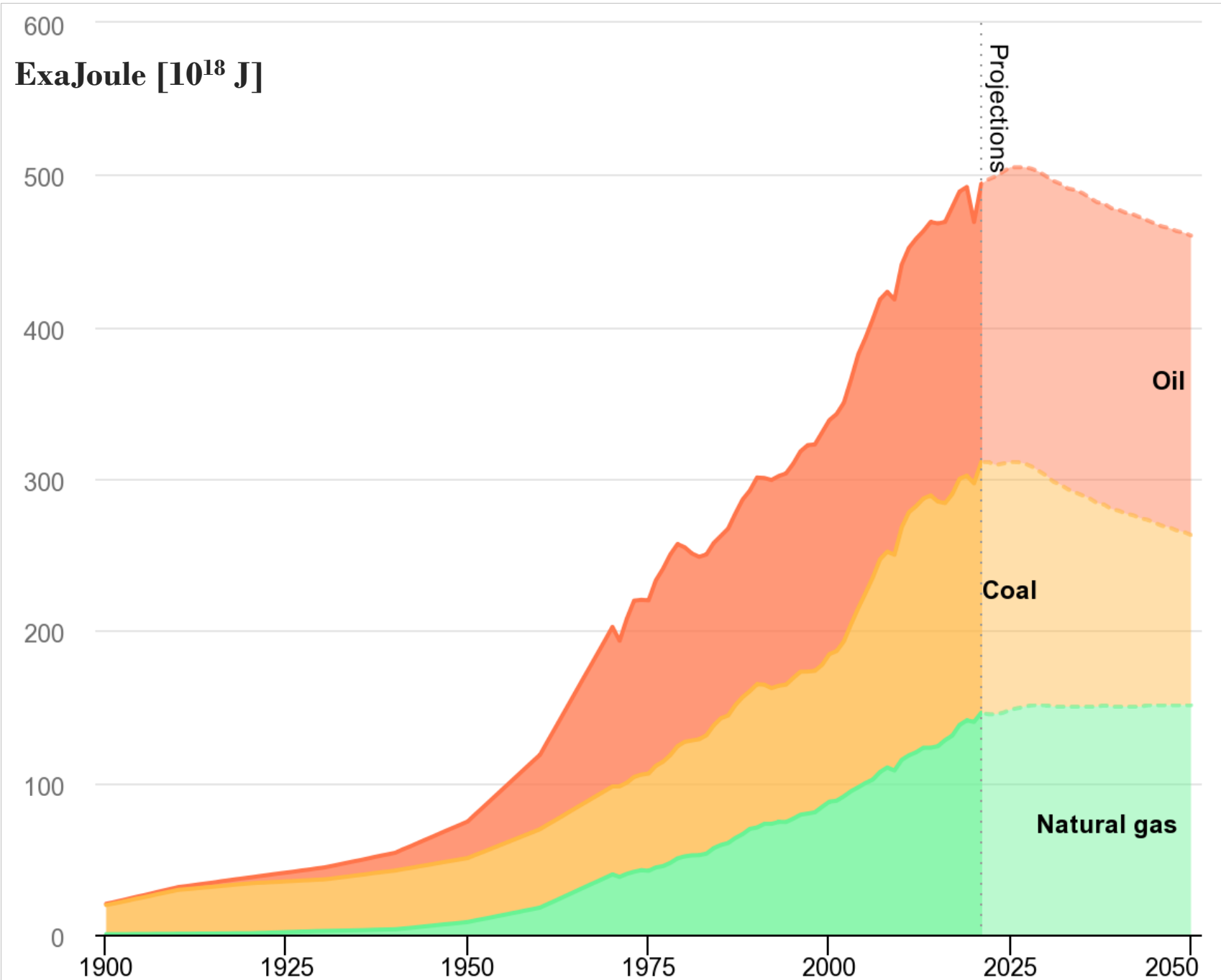
**– Supporting our Energy Transition –**

**From Global to Local**



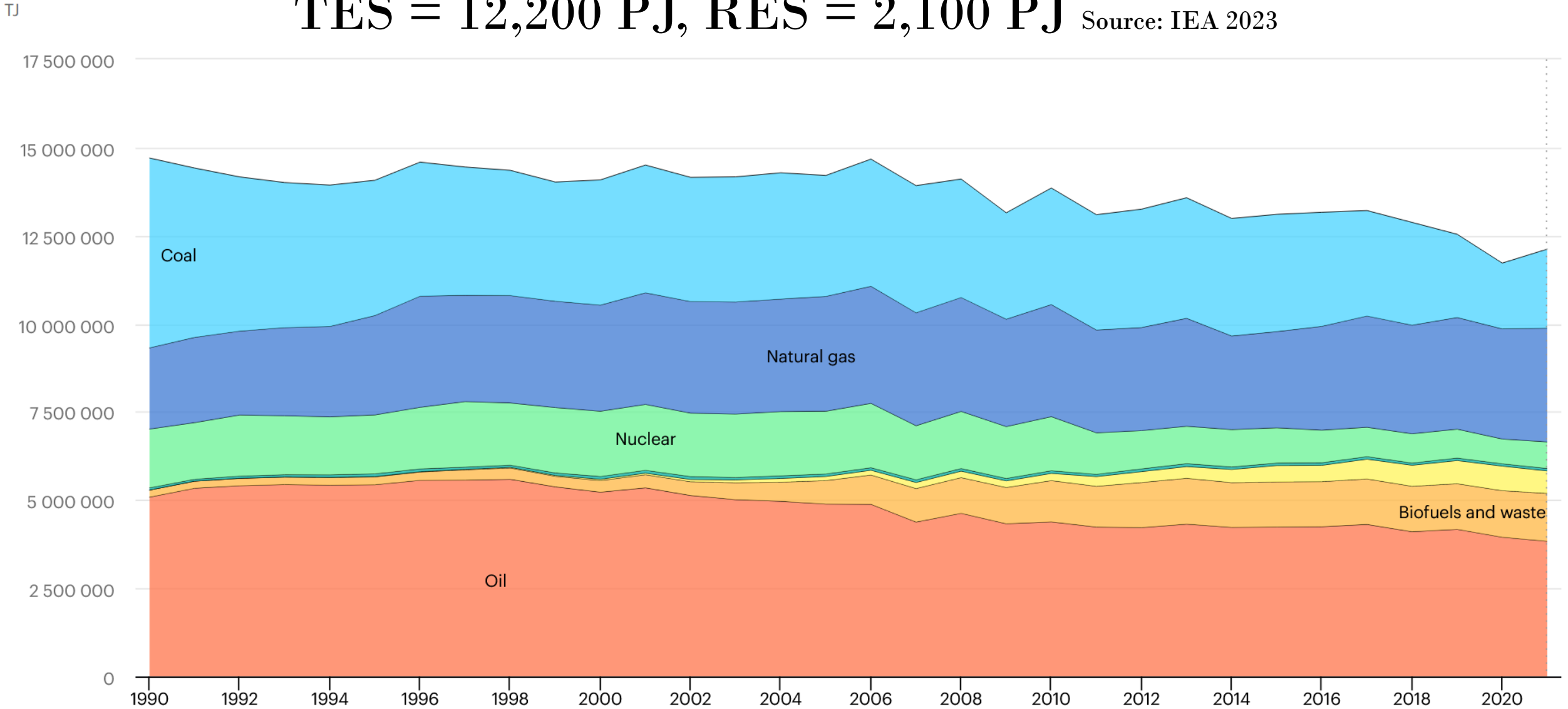
# Fossil fuel demand in the Stated Policies Scenario, 1900-2050

Source: IEA 2023



# Total Energy Supply (TES) by Source, Germany 1990-2021

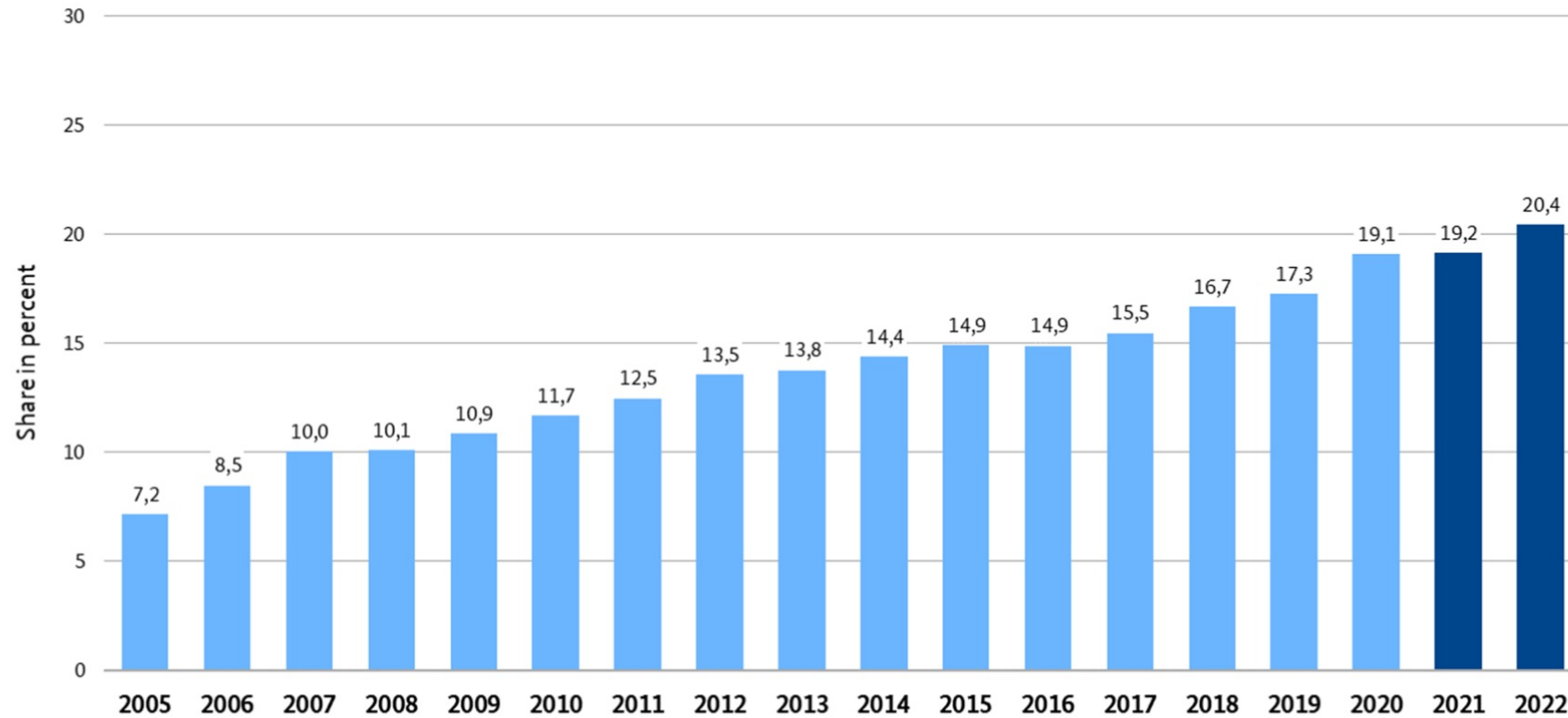
TES = 12,200 PJ, RES = 2,100 PJ Source: IEA 2023





## Development of renewable energy share of gross final energy consumption in Germany

share according EU directive<sup>1</sup>

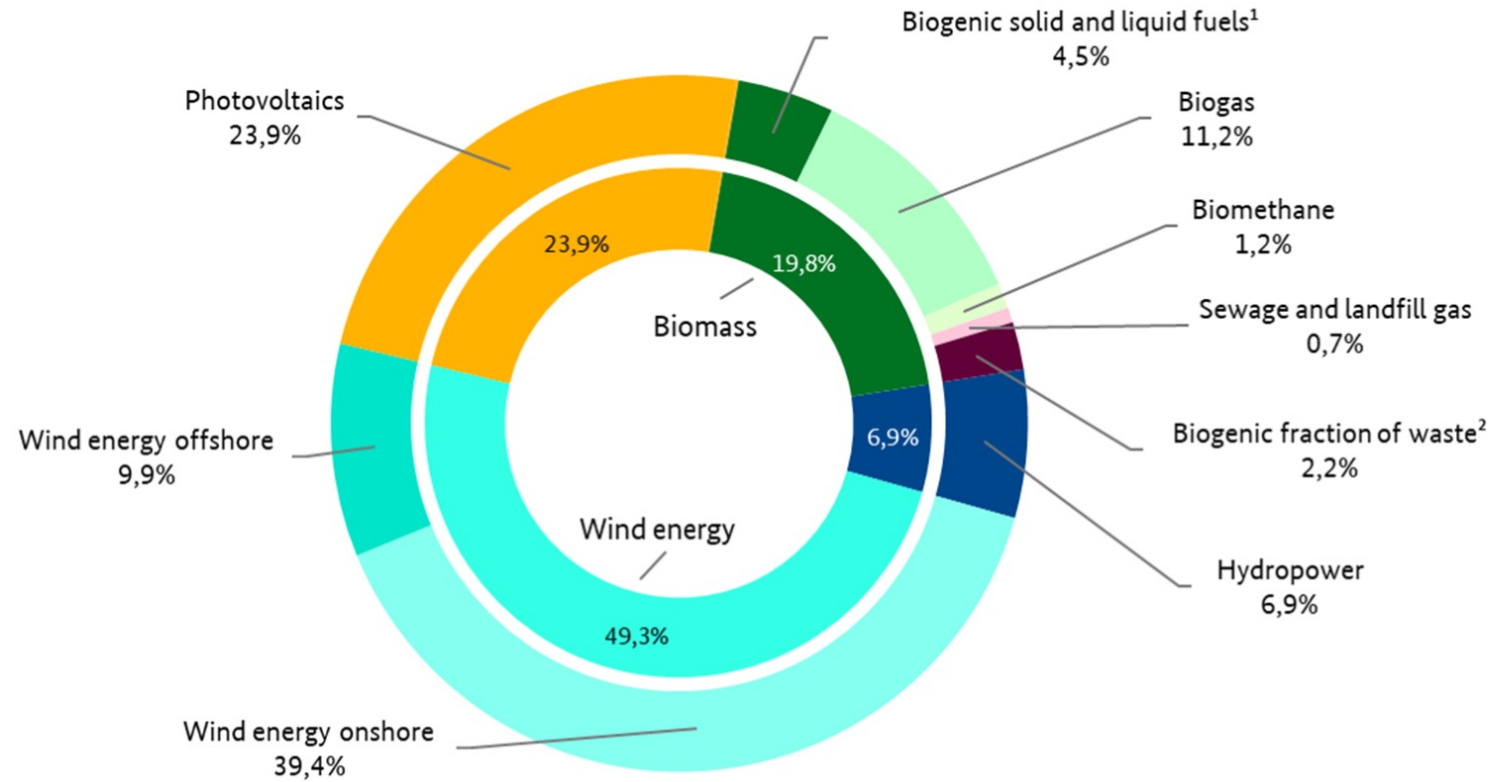


<sup>1</sup> until 2020 according to EU-directive 2009/28/EG, from 2021 according to EU-directive (EU) 2018/2001



## Gross electricity production from renewable energy sources in Germany in the year 2022

Total: 254 Terawatthours (TWh)



<sup>1</sup> incl. sewage sludge; <sup>2</sup> biogenic fraction of waste in waste incineration plants estimated at 50 %

Notice: electricity production from geothermal power plants (0,1%) not shown because of very small share

Source: Working Group on Renewable Energy-Statistics (AGEE-Stat); as of February 2023