

Global Renewable Energy Leaders in 2023

Master

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Methodology

Top 10 Countries by Renewable Energy Share in 2023

We filtered the dataset to include only the year 2023. The processed data identifies the top 10 countries with the highest share of renewable energy.

Table 1 lists these countries, and **Figure 1** visualizes the comparison using a horizontal bar chart.

Table 1: Top 10 Countries by Share of Renewable Energy in 2023

Country	Code	Year	Renewables (%)
Norway	NOR	2023	72.09110
Sweden	SWE	2023	53.89018
Brazil	BRA	2023	50.33141
Denmark	DNK	2023	42.73486
New Zealand	NZL	2023	42.26695
Austria	AUT	2023	40.08019
Switzerland	CHE	2023	38.32534
Portugal	PRT	2023	36.04341
Finland	FIN	2023	35.93626
South and Central America (EI)	NA	2023	35.39018

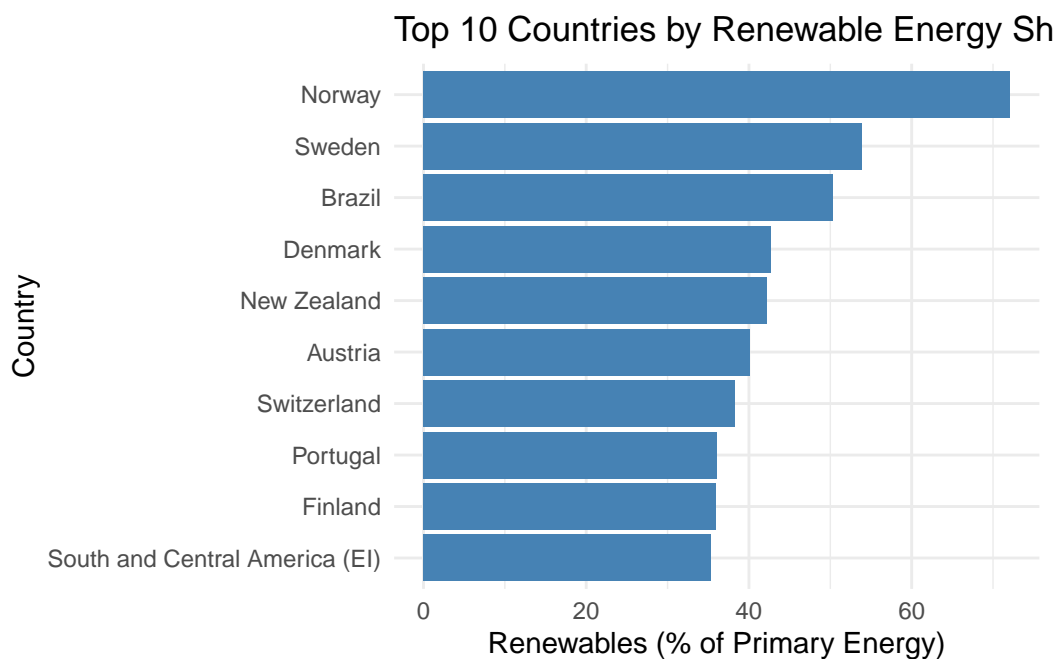


Figure 1: Share of Renewable Energy in Top 10 Countries (2023)

Which country leads in renewable energy share in 2023?

Norway ranked first in 2023 by renewable energy share.

To explore why Norway ranked first, we filtered its national records to analyze its renewable energy sources. **Figure 2** shows the electricity generation by source in Norway from 1965 to 2023.

Table 2: Norway's Renewable Electricity Generation by Source in 2023 (TWh)

Source	TWh
wind	14.96
hydro	135.96
solar	0.17
Other renewables including bioenergy	0.26

Figure 2 below visualizes the data from Table 2.

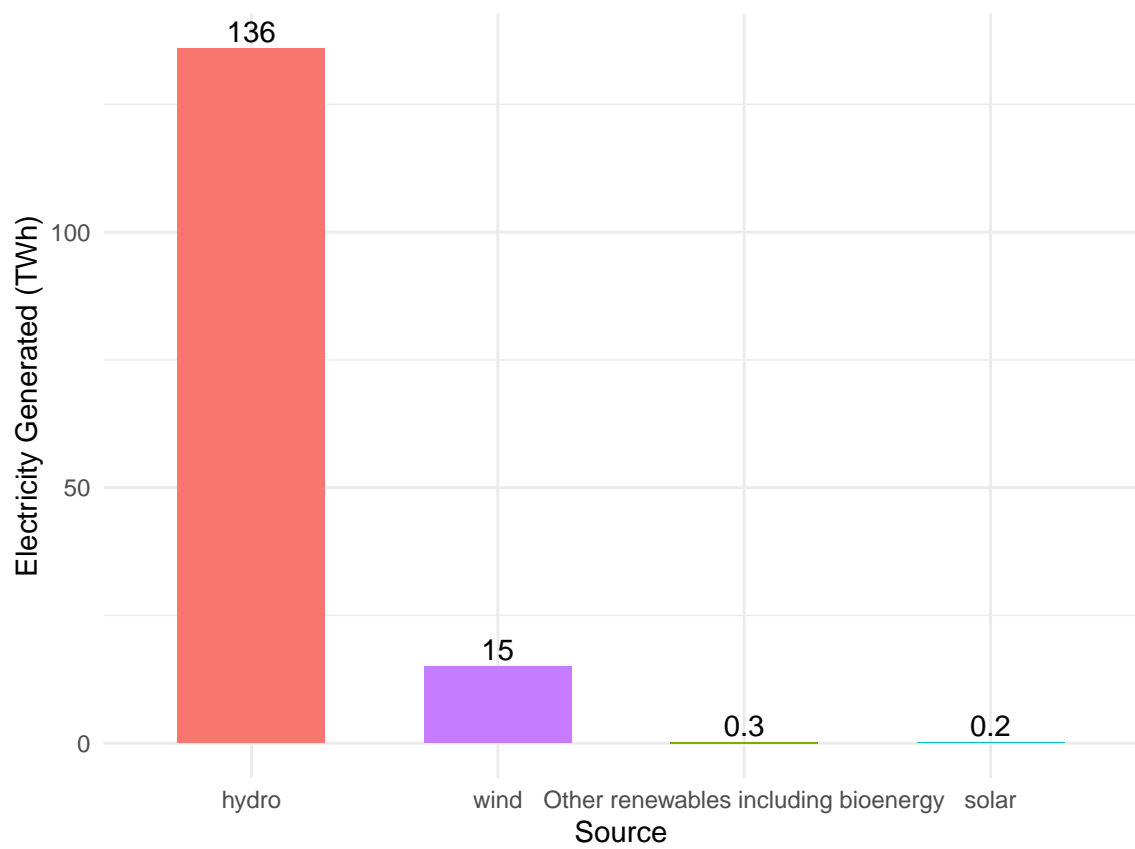


Figure 2: Breakdown of Norway's Renewable Energy Generation in 2023