**DIGITAL & TRENDS** 

# Global renewable energy industry



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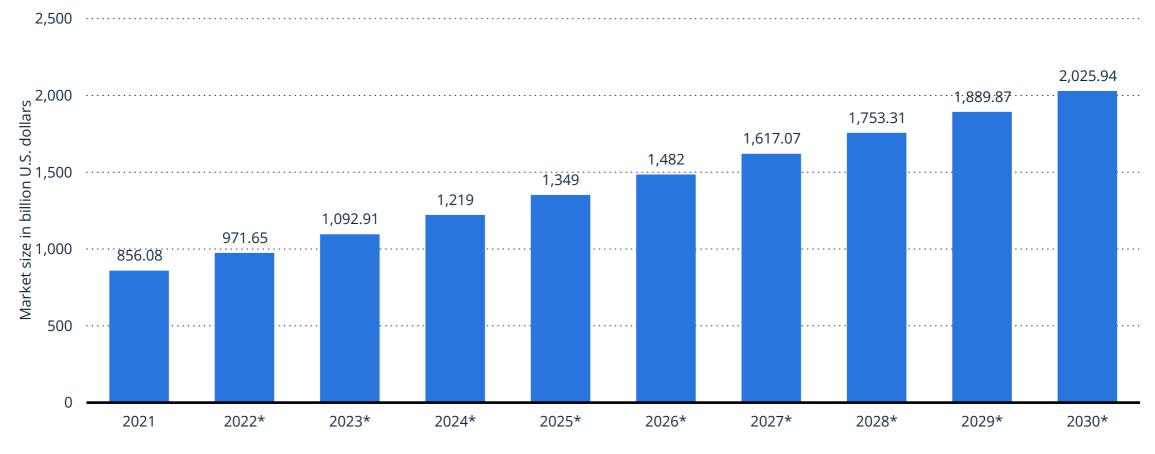
**CHAPTER 01** 

### Overview

### Renewable energy market size worldwide in 2021, with a forecast for 2022 to 2030 (in billion U.S. dollars)

Global renewable energy market size 2021-2030

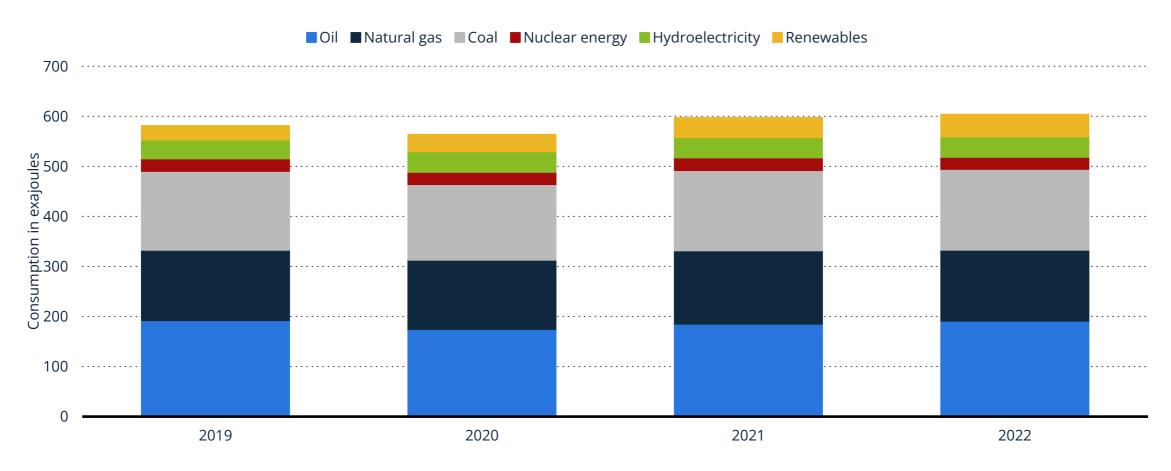
Source(s): Next Move Strategy Consulting





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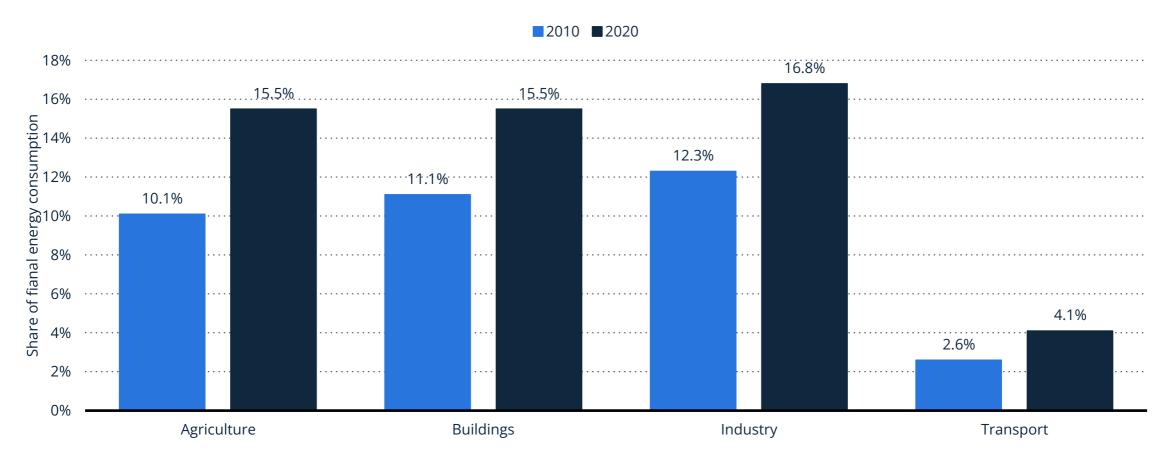
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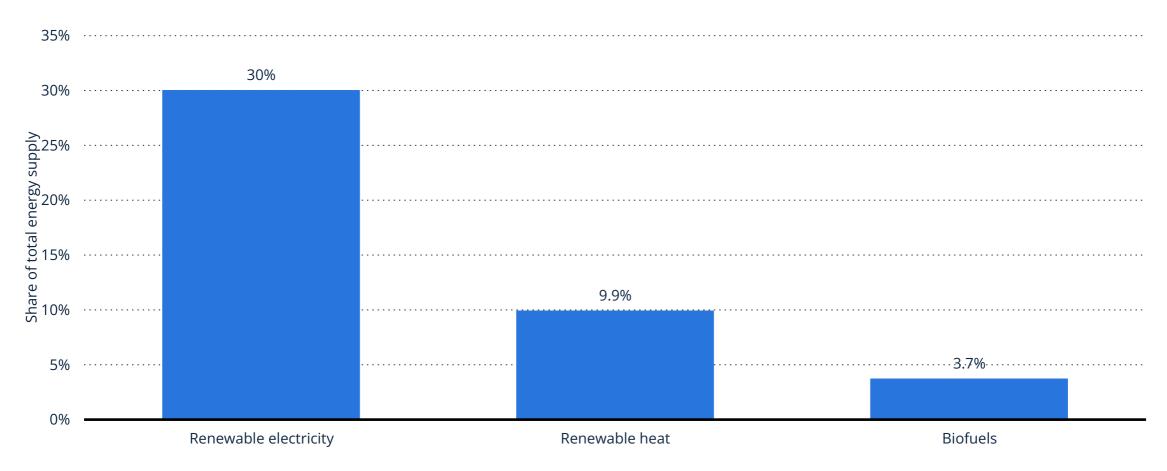
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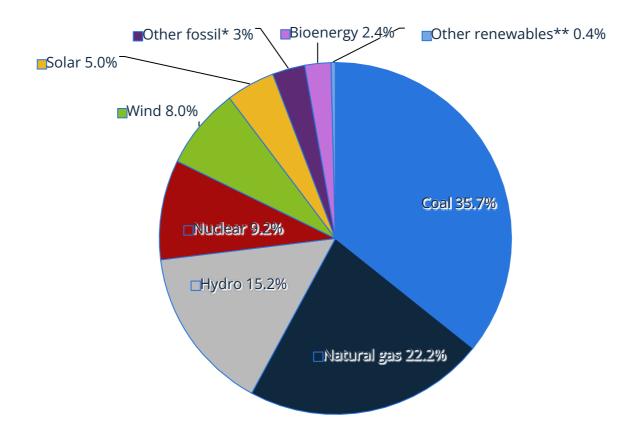
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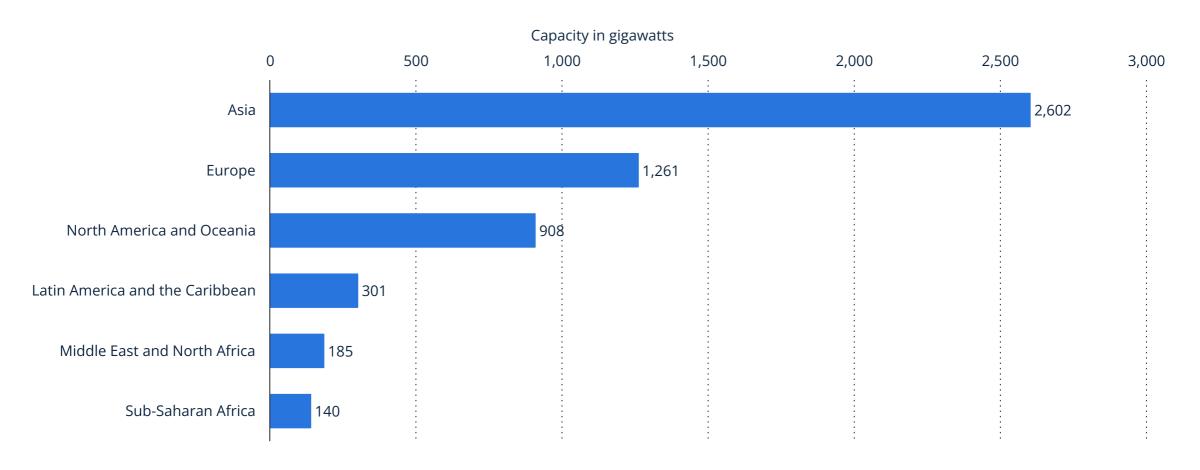
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Renewable power capacity targeted globally 2030, by region





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Global renewable capacity additions 2022-2027, by scenario



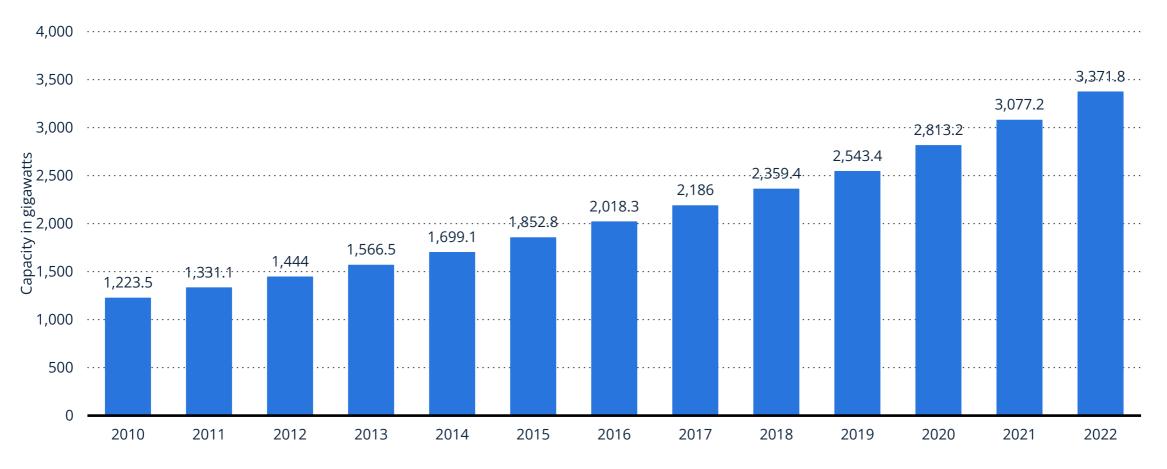


**CHAPTER 02** 

### Capacity

### Cumulative renewable energy capacity worldwide from 2010 to 2022 (in gigawatts)

Global cumulative renewable capacity installed 2010-2022

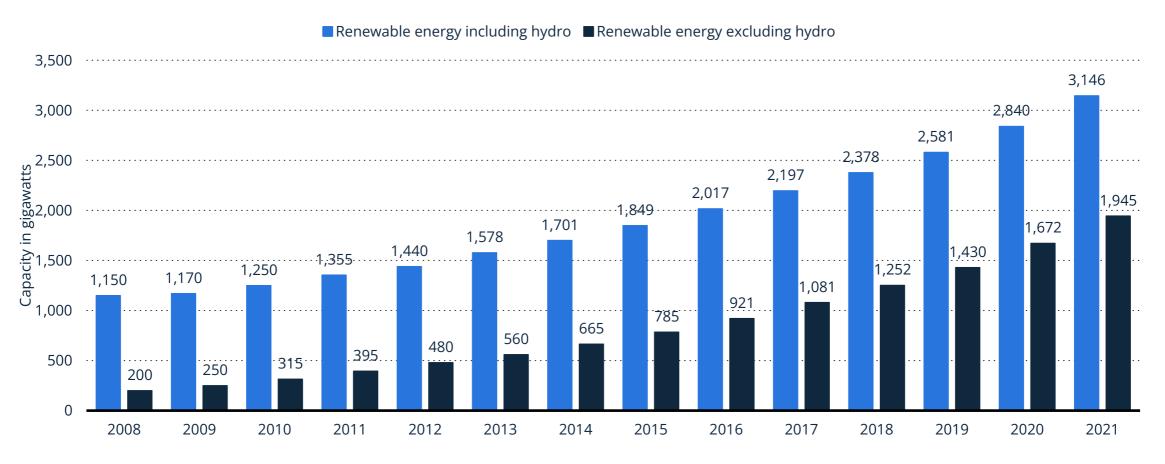




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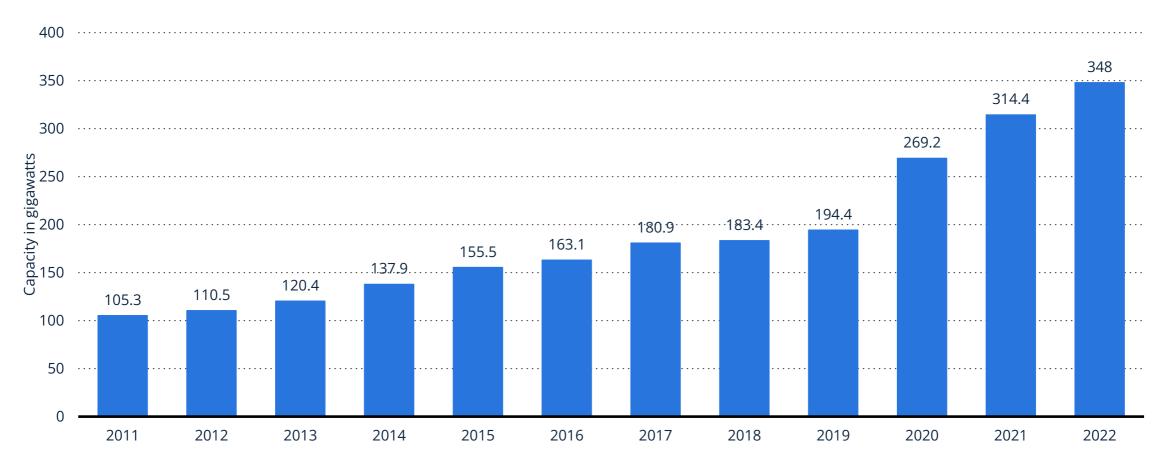
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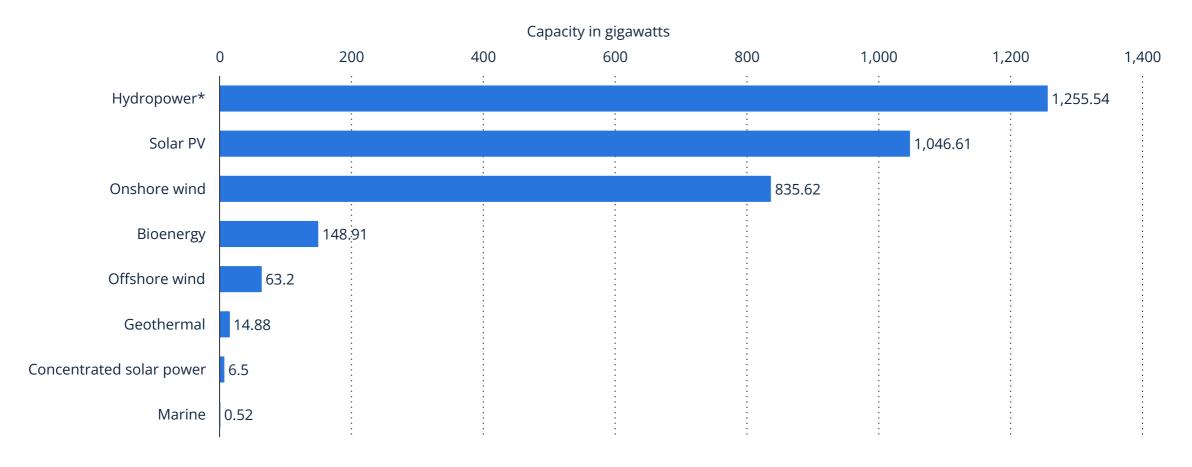
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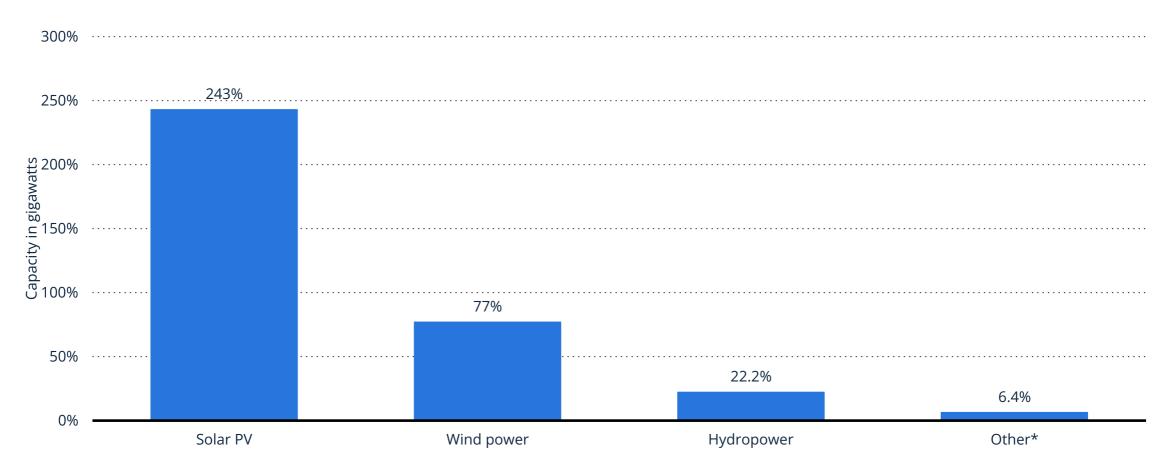
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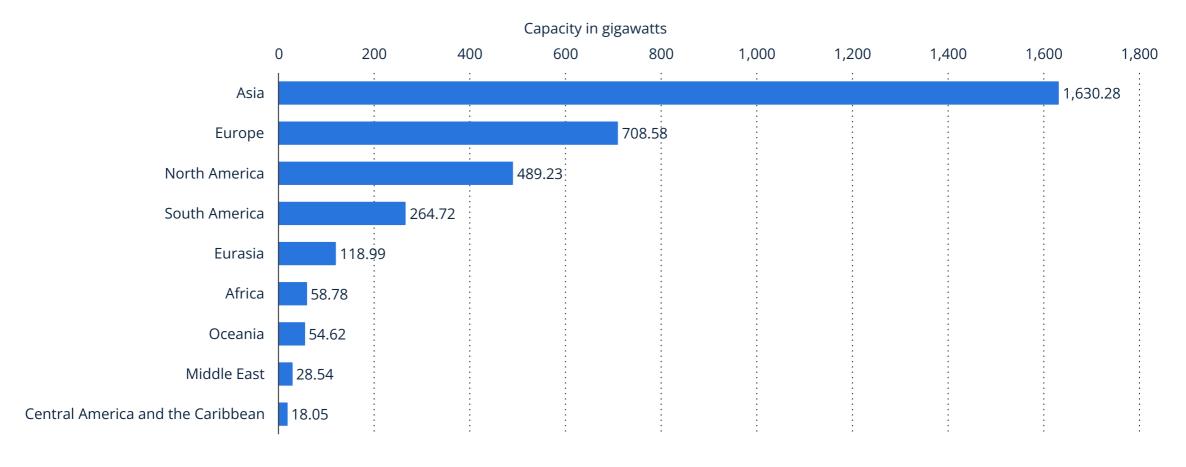
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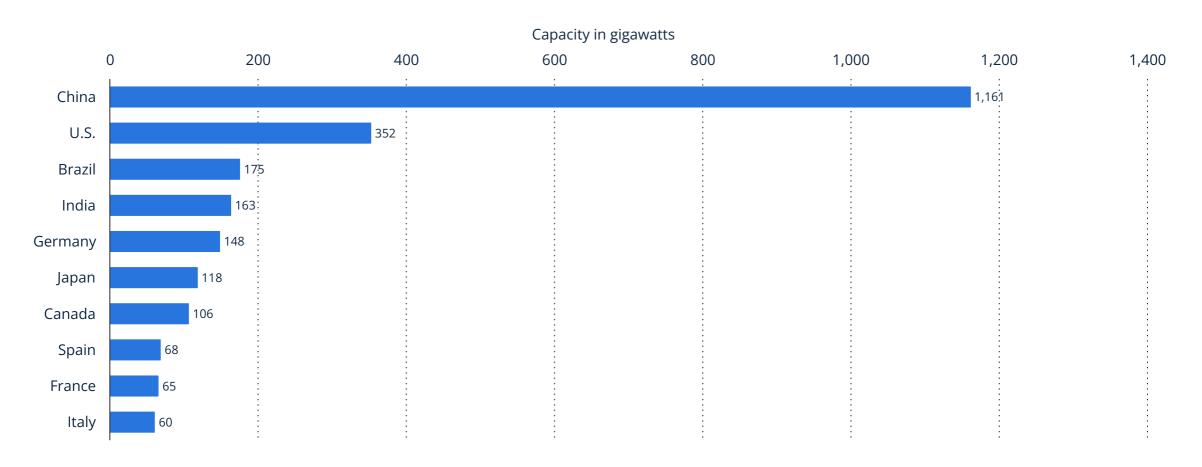
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## Leading countries in installed renewable energy capacity worldwide in 2022 (in gigawatts)

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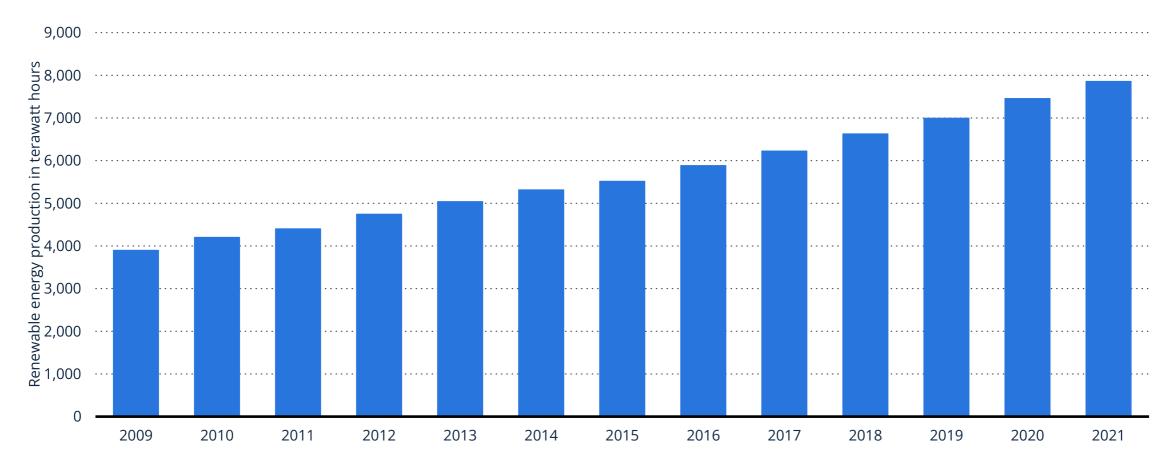
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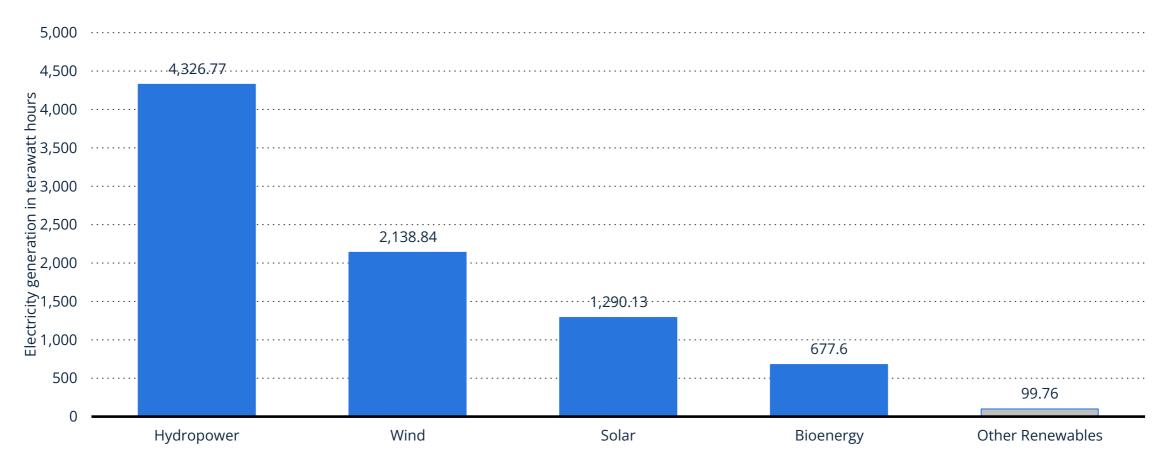
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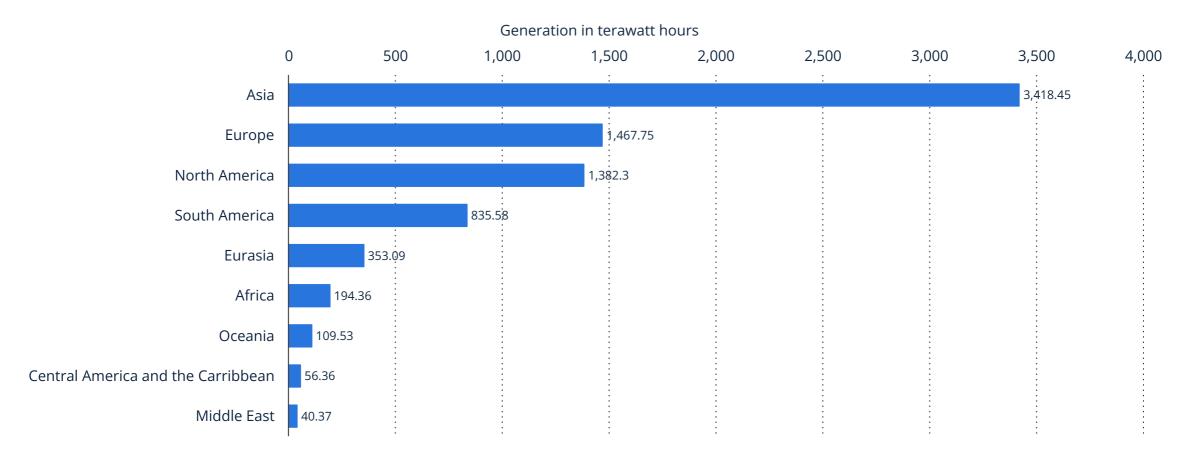
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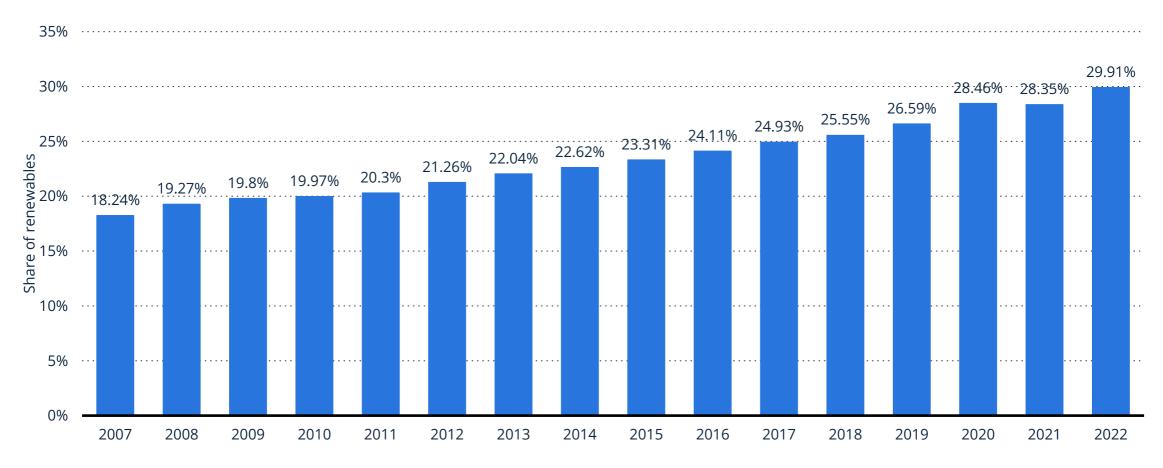
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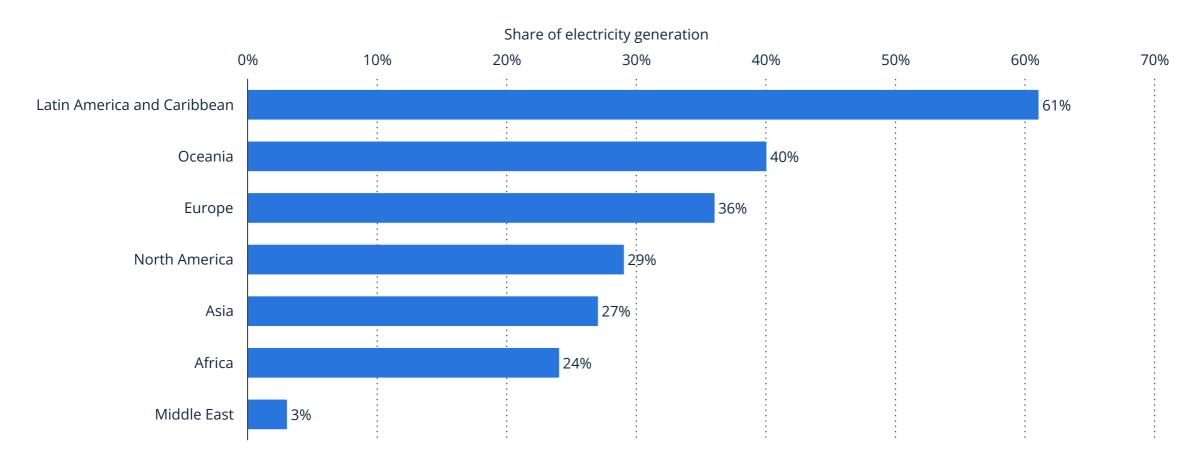
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Share of renewable power generation 2022, by region





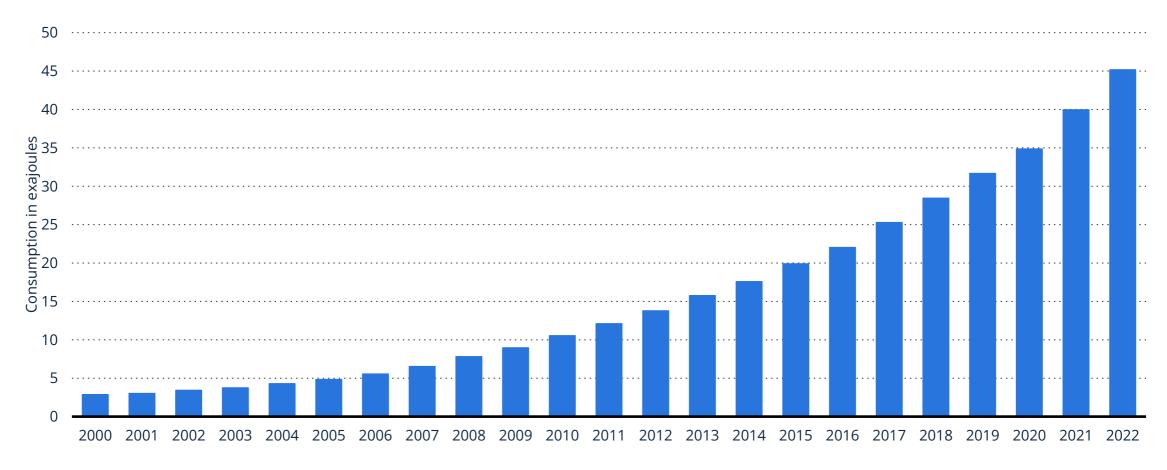
Source(s): Ember; REN21

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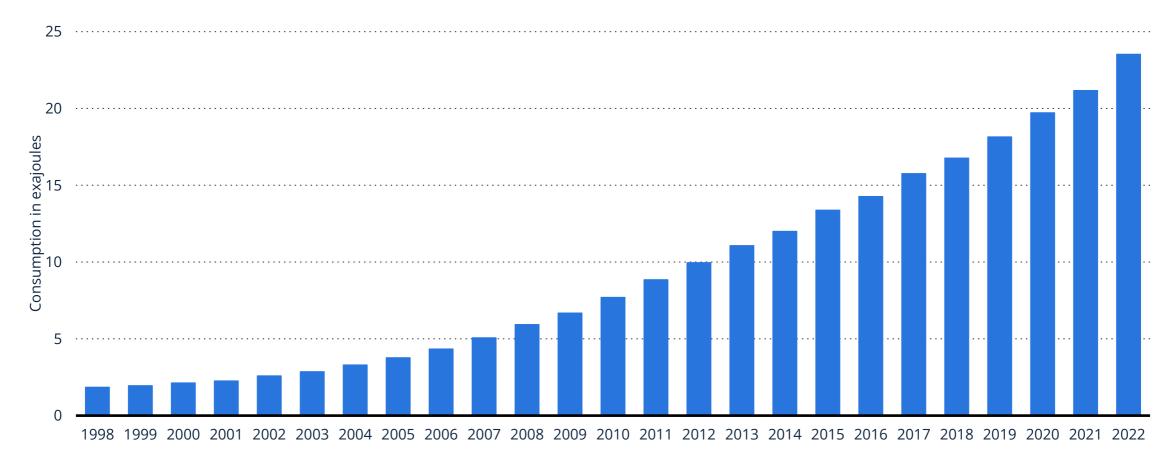
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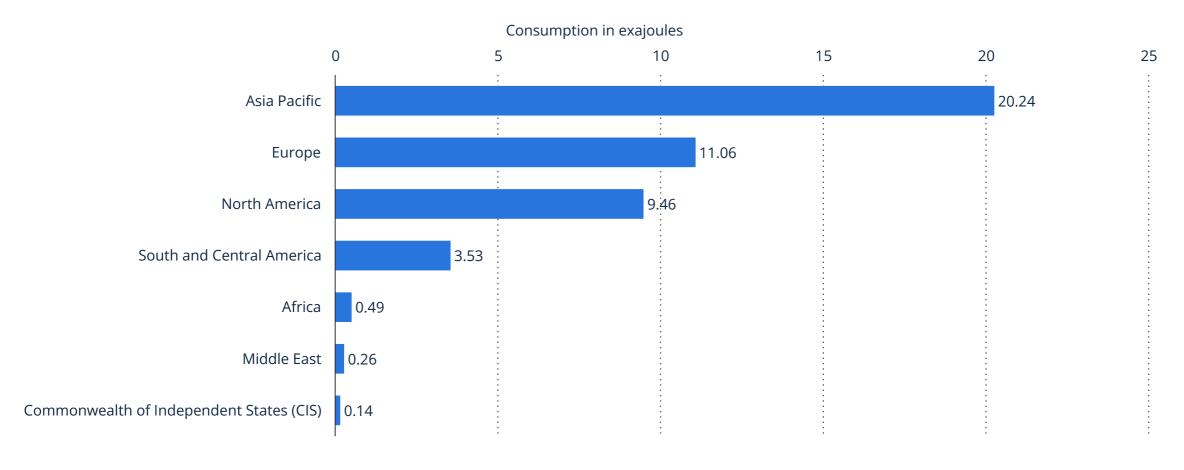
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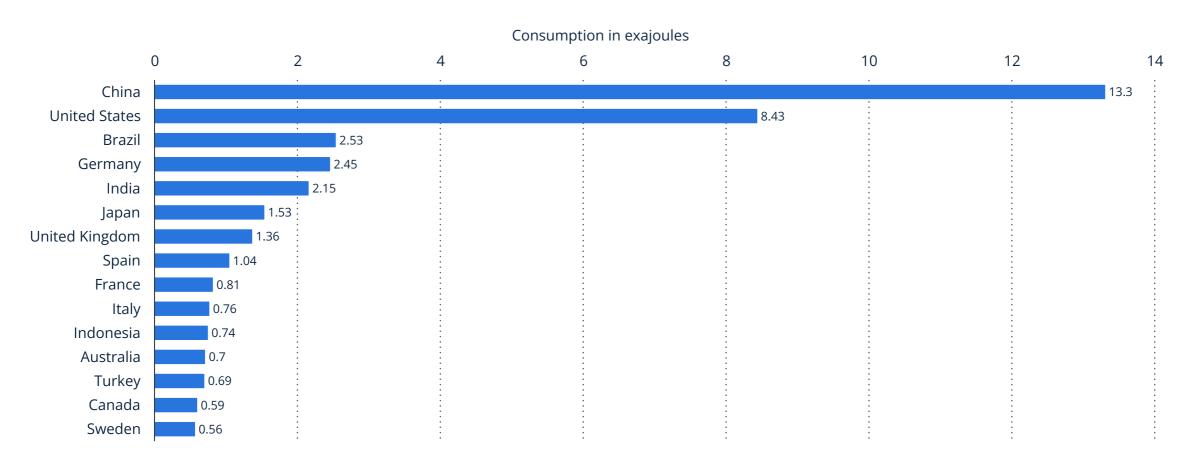
Global renewable energy consumption 2022, by region





## Leading countries by renewable energy consumption worldwide in 2022 (in exajoules)

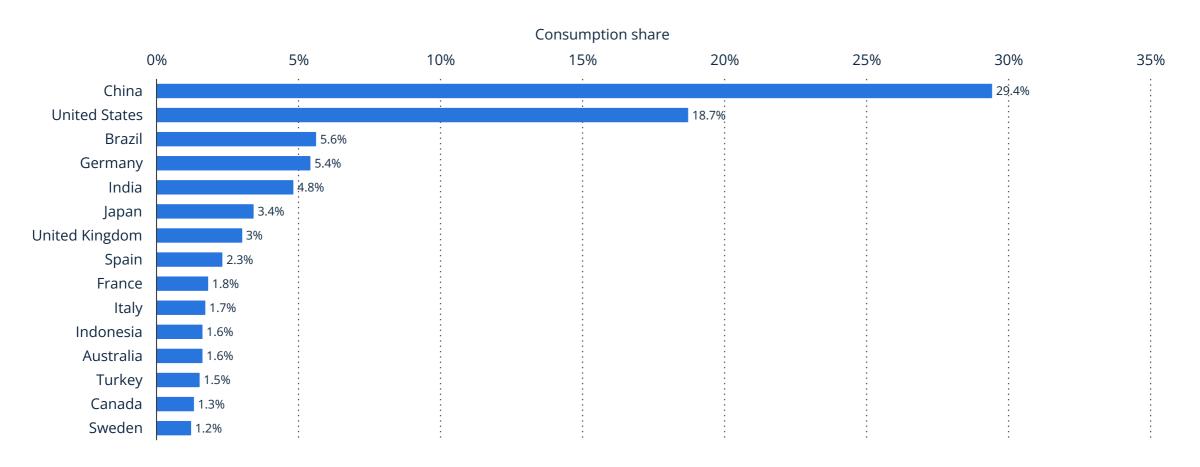
Global renewable energy consumption 2022, by country





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Global share of renewable energy consumption 2022, by country



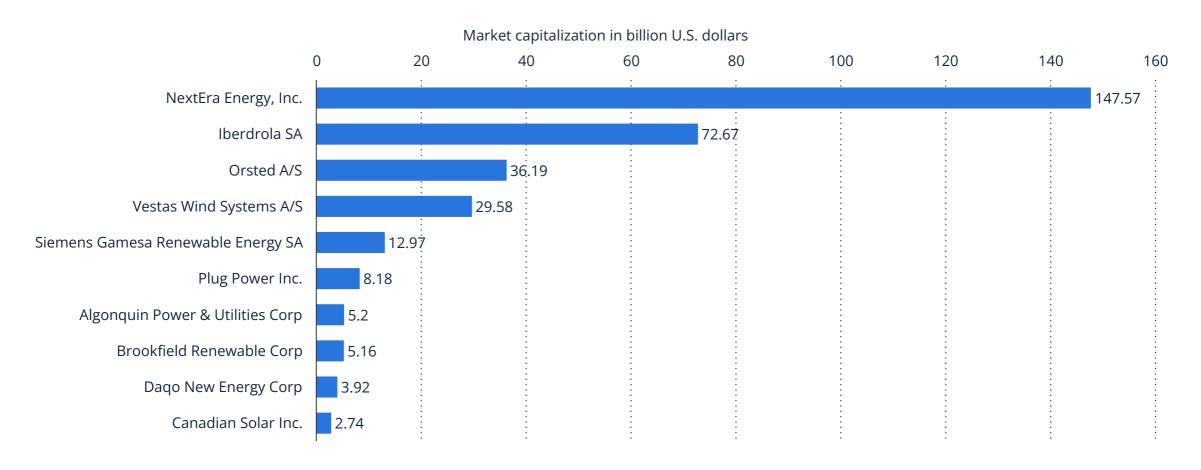


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### Companies

### Market capitalization of selected renewable energy companies worldwide in March 2023 (in billion U.S. dollars)

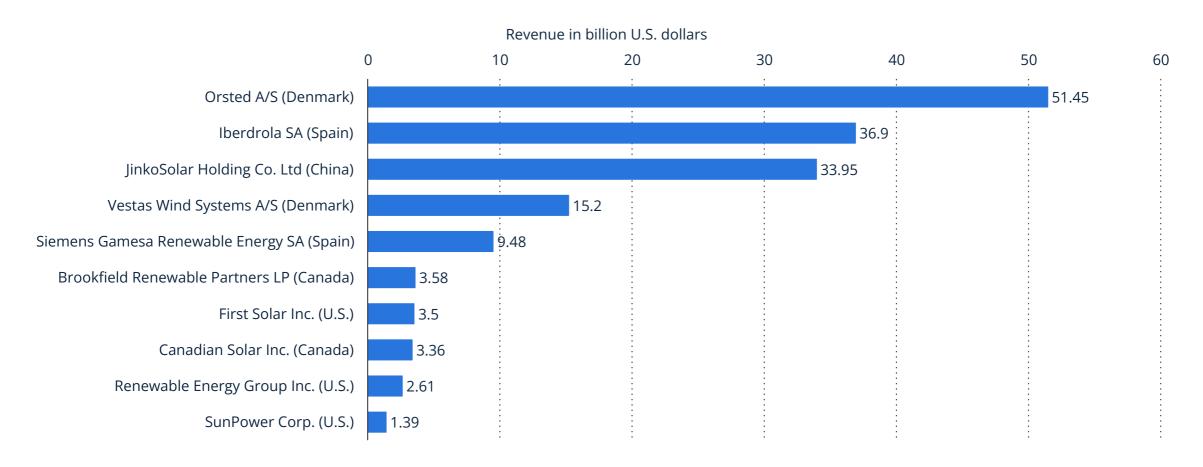
Global market capitalization of selected renewable energy companies





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Leading renewable energy companies worldwide 2021, by revenue

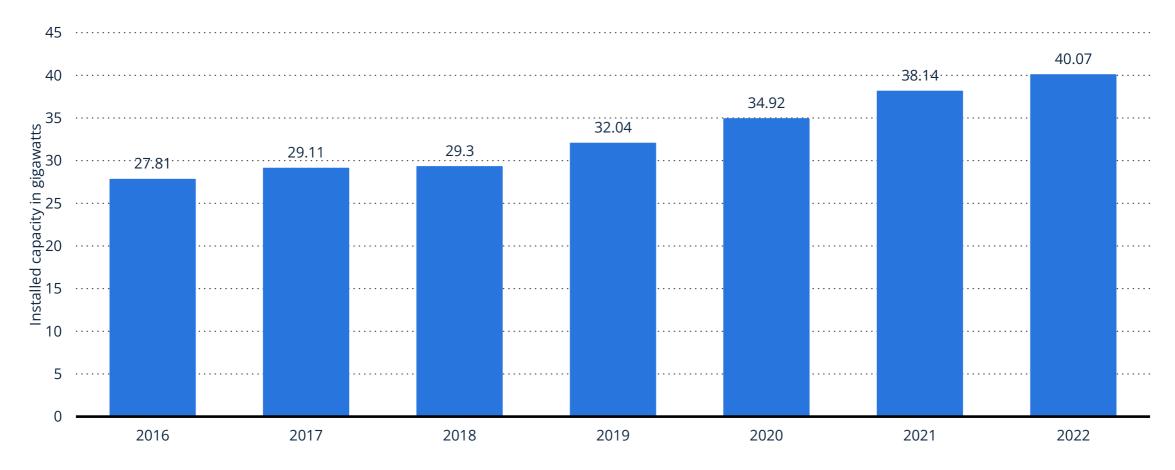




Source(s): Investopedia

### Installed renewable power capacity of Iberdrola from 2016 to 2022 (in gigawatts)

Iberdrola's installed renewable capacity 2016-2022

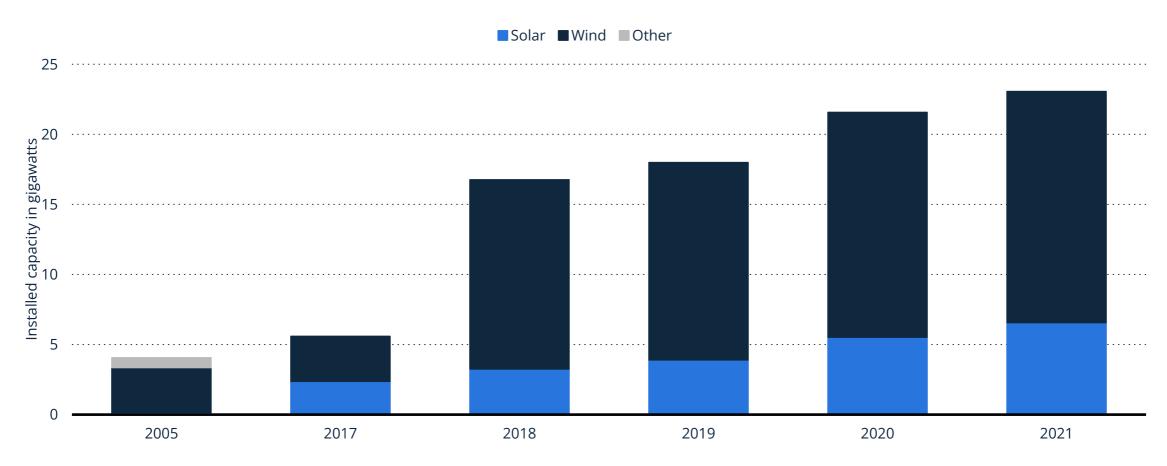




Source(s): Iberdrola

### Installed renewable power capacity of NextEra Energy from 2005 to 2021 (in gigawatts)

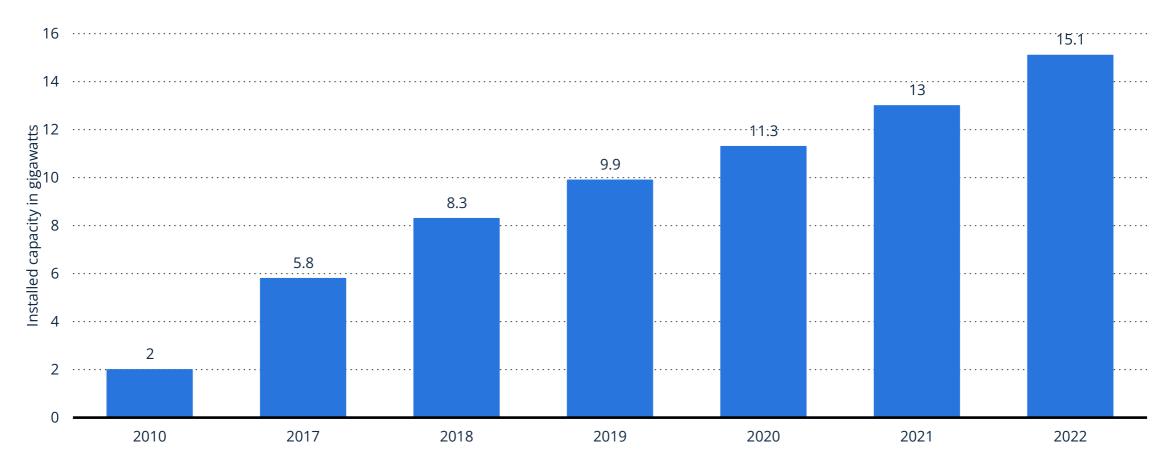
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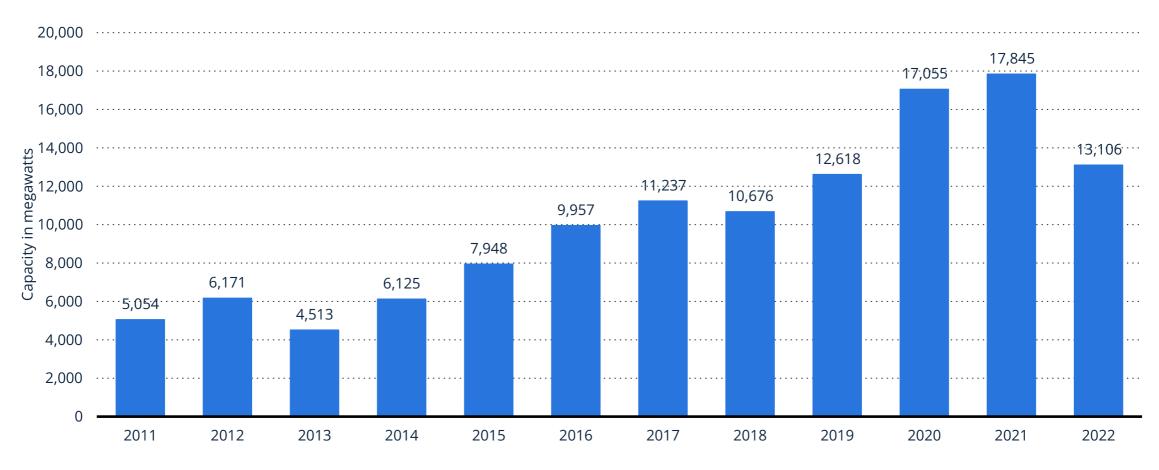
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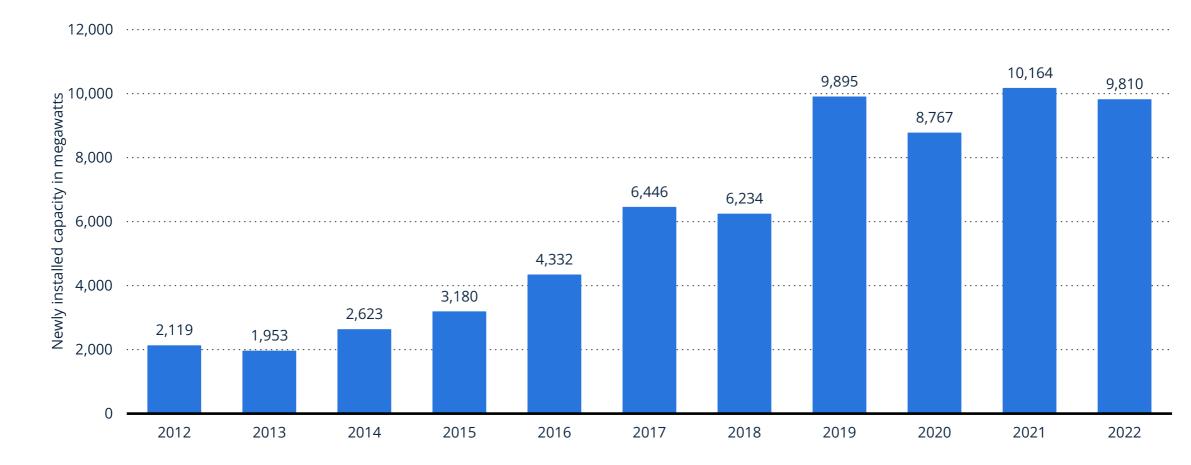
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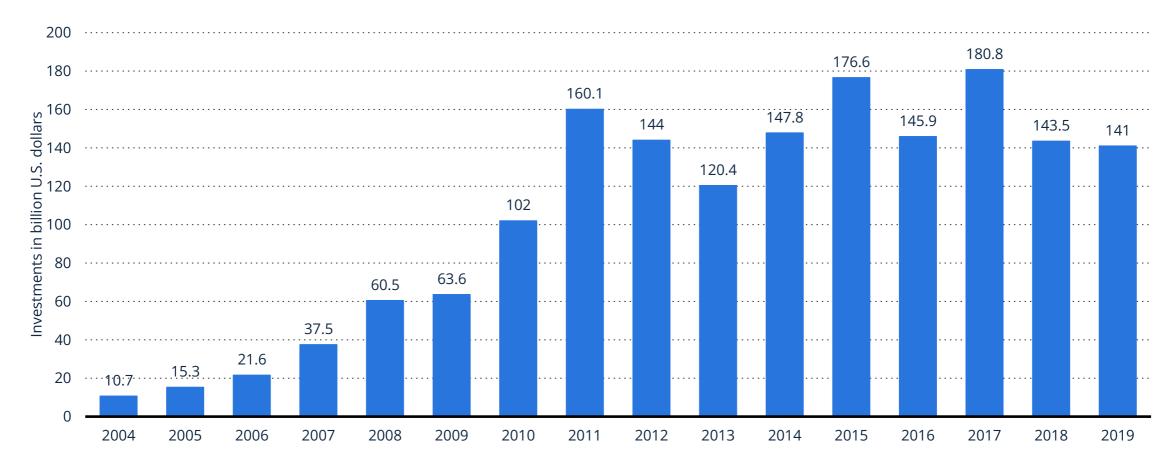


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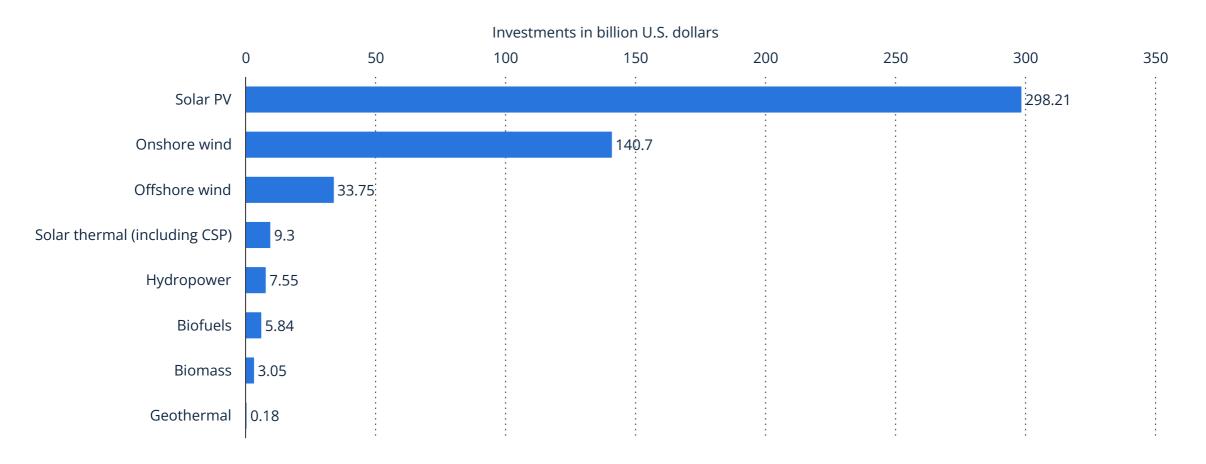
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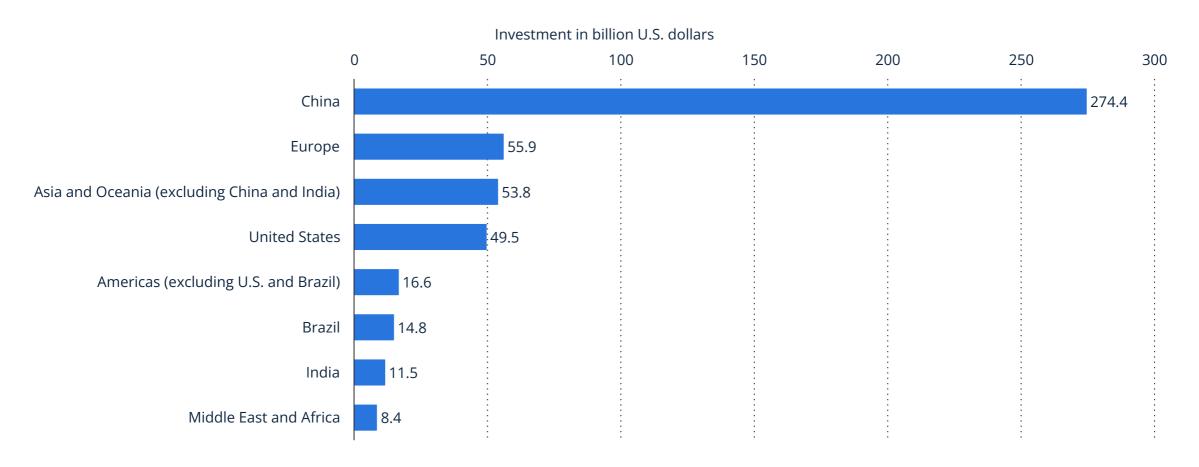
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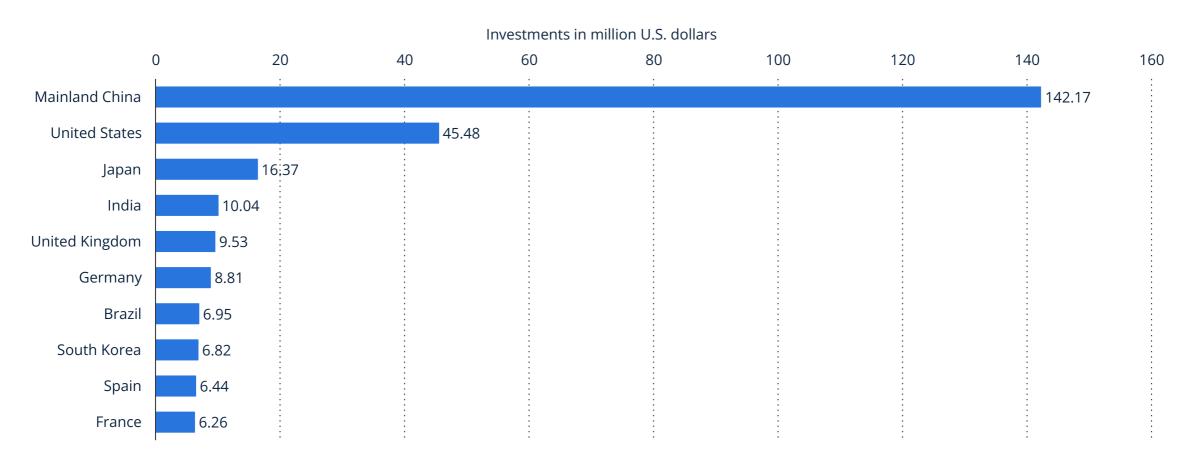
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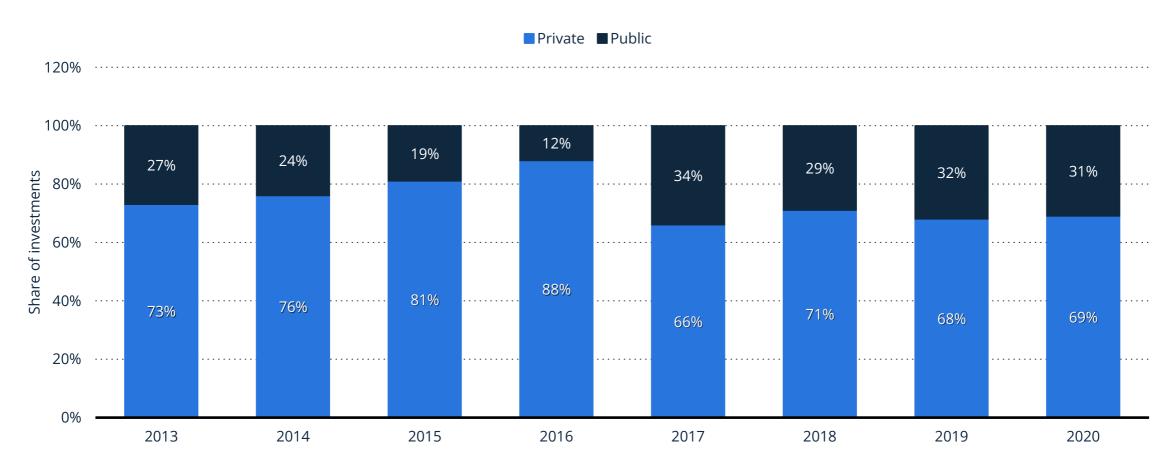
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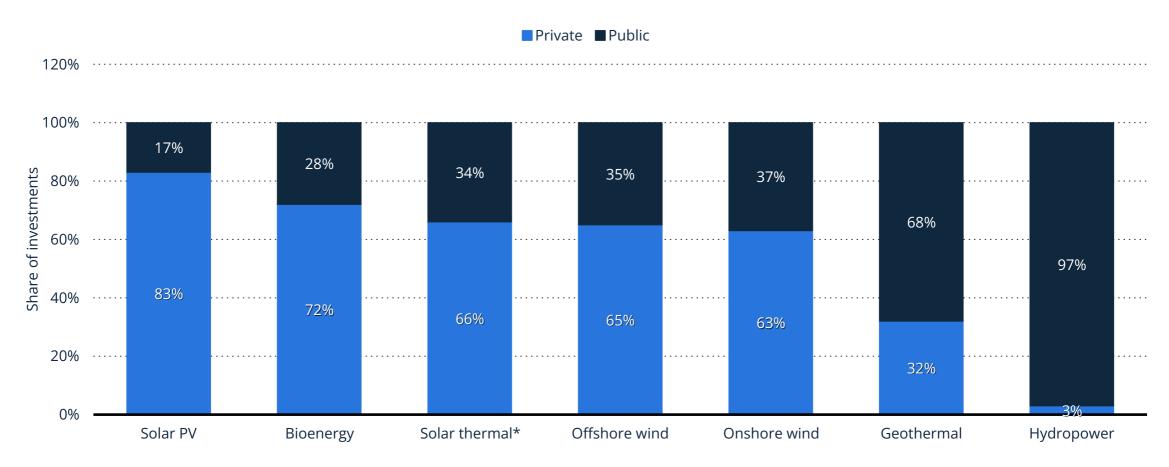




Source(s): Climate Policy Initiative; IRENA

### Distribution of public and private investments in renewable energy worldwide in 2020, by technology

Public and private renewable investments breakdown worldwide 2020, by technology





#### Sources

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BloombergNEF

Climate Policy Initiative

Climatescope

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**Energy Institute** 

**Energy Monitor** 

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Iberdrola

IEA

Investopedia

IRENA

Kearney

**KPMG** 

Next Move Strategy Consulting

NextEra Energy

Ørsted

REN21

Siemens Gamesa

UNEP

Vestas

