Patent activity index of selected sustainable energy technologies for the United States, the EU, Japan, and South Korea: 2014–16

United States

- Bioenergy
- Cleaner coal
- Smart grid
- Nuclear energy
- CO₂ capture and storage
- Solar energy
- Hydrogen production and storage
- Hybrid/electric vehicles
- Wind energy
- Fuel cell
- Battery technology

Activity index

Patent activity
South Korea

Technology

- Battery technology
- Fuel cell
- Solar energy
- Hybrid/electric vehicles
- Nuclear energy
- Smart grid
- CO\textsubscript{2} capture and storage
- Hydrogen production and storage
- Bioenergy
- Wind energy
- Cleaner coal

Activity index

EU = European Union.

Note(s)

A patent activity index is the ratio of a country’s share of a technology area to its share of all patents. A patent activity index greater (less) than 1.0 indicates that the country is relatively more (less) active in the technology area. Patents are allocated according to patent inventorship information. Patents are fractionally allocated among regions, countries, or economies based on the proportion of residences of all named inventors. The EU includes 28 member countries. Technologies are based on a classification developed by The Patent Board. Data were extracted in April 2017.

Source(s)

Science-Metrix, PatentsView, and USPTO patent data.

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