

MSCI Global Clean Technology Index

[REMOVE](#) [1]

This index is one of the MSCI Global Environment Indices - free float-adjusted market capitalization weighted indices designed to provide exposure to environmental themes by identifying pure play companies (i.e., derives 50% or more of its revenue from products and services from clean technology) that focus on offering products or services that contribute to a more environmentally sustainable economy by directly reducing the consumption of or improving the productive use of limited global natural resources. It measures the gross returns of these companies.

The clean technology theme category includes companies whose products or services reduce energy resource consumption through:

- Products that make current technologies highly energy-efficient;
- Technologies for producers or consumers that make more efficient use of power or fuel; or
- Products or services that reduce the demand for energy or fuel consumption

Examples of Clean Technology products and services include electric and hybrid (gas-electric) vehicles, energy-efficient machinery and equipment and large-scale energy storage equipment. They also include demand management services (utilities) and “smart metering” and industrial automation controls. Companies considered for the Clean Technology theme do not fit into the Alternative Energy, Sustainable Water, Pollution Prevention, or Green Building themes.

Data host:

MSCI

Unit of Measurement:

Gross Returns in USD (other currencies can be selected)

Link to Data:

<http://www.msci.com/products/indexes/esg/environmental/performance.html> [2]

Type of Indicator source:

- [Business](#) [3]

Geographical Coverage:

Afghanistan
Aland Islands
Albania
Algeria
American Samoa
Andorra
Angola
Anguilla
Antarctica
Antigua and Barbuda
Argentina

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Armenia
Aruba
Australia
Austria
Azerbaijan
Bahamas
Bahrain
Bangladesh
Barbados
Belarus
Belgium
Belize
Benin
Bermuda
Bhutan
Bolivia
Bosnia and Herzegovina
Botswana
Bouvet Island
Brazil
British Indian Ocean Territory
British Virgin Islands
Brunei
Bulgaria
Burkina Faso
Burundi
Cambodia
Cameroon
Canada
Cape Verde
Caribbean Netherlands
Cayman Islands
Central African Republic
Chad
Chile
China
Christmas Island
Cocos (Keeling) Islands
Colombia
Comoros
Congo (Brazzaville)
Congo (Kinshasa)
Cook Islands
Costa Rica
Croatia
Cuba
Curaçao
Cyprus
Czech Republic
Denmark
Djibouti
Dominica
Dominican Republic
Ecuador
Egypt
El Salvador
Equatorial Guinea
Eritrea
Estonia

Ethiopia
Falkland Islands
Faroe Islands
Fiji
Finland
France
French Guiana
French Polynesia
French Southern Territories
Gabon
Gambia
Georgia
Germany
Ghana
Gibraltar
Greece
Greenland
Grenada
Guadeloupe
Guam
Guatemala
Guernsey
Guinea
Guinea-Bissau
Guyana
Haiti
Heard Island and McDonald Islands
Honduras
Hong Kong S.A.R., China
Hungary
Iceland
India
Indonesia
Iran
Iraq
Ireland
Isle of Man
Israel
Italy
Ivory Coast
Jamaica
Japan
Jersey
Jordan
Kazakhstan
Kenya
Kiribati
Kosovo
Kuwait
Kyrgyzstan
Laos
Latvia
Lebanon
Lesotho
Liberia
Libya
Liechtenstein
Lithuania
Luxembourg

Macao S.A.R., China
Macedonia
Madagascar
Malawi
Malaysia
Maldives
Mali
Malta
Marshall Islands
Martinique
Mauritania
Mauritius
Mayotte
Mexico
Micronesia
Moldova
Monaco
Mongolia
Montenegro
Montserrat
Morocco
Mozambique
Myanmar
Namibia
Nauru
Nepal
Netherlands
Netherlands Antilles
New Caledonia
New Zealand
Nicaragua
Niger
Nigeria
Niue
Norfolk Island
Northern Mariana Islands
North Korea
Norway
Oman
Pakistan
Palau
Palestinian Territory
Panama
Papua New Guinea
Paraguay
Peru
Philippines
Pitcairn
Poland
Portugal
Puerto Rico
Qatar
Reunion
Romania
Russia
Rwanda
Saint Barthélemy
Saint Helena
Saint Kitts and Nevis

Saint Lucia
Saint Martin (French part)
Saint Pierre and Miquelon
Saint Vincent and the Grenadines
Samoa
San Marino
Sao Tome and Principe
Saudi Arabia
Senegal
Serbia
Seychelles
Sierra Leone
Singapore
Sint Maarten
Slovakia
Slovenia
Solomon Islands
Somalia
South Africa
South Georgia and the South Sandwich Islands
South Korea
South Sudan
Spain
Sri Lanka
Sudan
Suriname
Svalbard and Jan Mayen
Swaziland
Sweden
Switzerland
Syria
Taiwan
Tajikistan
Tanzania
Thailand
Timor-Leste
Togo
Tokelau
Tonga
Trinidad and Tobago
Tunisia
Turkey
Turkmenistan
Turks and Caicos Islands
Tuvalu
U.S. Virgin Islands
Uganda
Ukraine
United Arab Emirates
United Kingdom
United States
United States Minor Outlying Islands
Uruguay
Uzbekistan
Vanuatu
Vatican
Venezuela
Vietnam
Wallis and Futuna

Western Sahara
Yemen
Zambia
Zimbabwe

Geographical Level:

- [Global](#) [4]

Same/similar indicators appears in the following sets:

- [EEA's environmental indicators/Environmental Pressure indicators](#) [5]
- [Europe 2020 Indicators](#) [6]
- [Eurostat Agri-Environmental Indicators](#) [7]
- [International Energy Agency Database on Global Renewable Energy](#) [8]
- [KLD/Jantzi Global Environment SM Index \(or other indexes\)](#) [9]
- [OECD Environmental Indicators](#) [10]
- [OECD Green Growth Indicators](#) [11]
- [Small set of sustainable development indicators proposed by the UNECE/OECD/Eurostat working group on sustainability measurement](#) [12]

Methodological transparency:

- [Partial methodology available](#) [13]

Indicator relation: **Indicator:** [Developed and emerging market large, mid and small cap companies that derive 50% or more of their revenues from products and services in alternative energy](#) [14]

Relationship explanation: Another one of the indicators which form the MSCI Global Environment Index, along with this index (the developed and emerging market large, mid and small cap companies that derive 50% or more of their revenues from products and services in clean technology)

Type of relation: Similar indicator

Indicator: [Developed and emerging market large, mid and small cap companies that derive 50% or more of their revenues from products and services in green building](#) [15]

Relationship explanation: Another one of the indicators which form the MSCI Global Environment Index, along with this index (the developed and emerging market large, mid and small cap companies that derive 50% or more of their revenues from products and services in clean technology)

Type of relation: Similar indicator

Indicator: [Developed and emerging market large, mid and small cap companies that derive 50% or more of their revenues from products and services in pollution prevention](#) [16]

Relationship explanation: Another one of the indicators which form the MSCI Global Environment Index, along with this index (the developed and emerging market large, mid and small cap companies that derive 50% or more of their revenues from products and services in clean technology)

Type of relation: Similar indicator

Indicator: [Developed and emerging market large, mid and small cap companies that derive 50% or more of their revenues from products and services in sustainable water](#) [17]

Relationship explanation: Another one of the indicators which form the MSCI Global Environment Index, along with this index (the developed and emerging market large, mid and small cap companies that derive 50% or more of their revenues from products and services in clean technology)

Type of relation: Similar indicator

Indicator: [MSCI Environmental Index](#) [18]

Relationship explanation: The MSCI Environmental Index includes this indicator (along with similar indicators regarding climate Alternative Energy, Alternative Energy, Alternative Energy, Alternative Energy)

Type of relation: Aggregated indicator which includes the component

Temporal Coverage:

2008 to 2014

Frequency of Updates:

- [daily](#) [19]

Indicator developer:

MSCI

Link to Methodology:

[MSCI Global Environment Indices Methodology](#) [20]

Aggregation level of indicator:

- [Single](#) [21]

Data quality assesment:

- [No published quality assessment](#) [22]

Publishing delay:

- [1-3 years](#) [23]

Contribution to the green economy:

This index records the profitability of companies which use clean energy - in this case measured by those companies which use 50% of green energy. It therefore can be useful in assessing the extent to which the shift to a Green economy is profitable, desirable to investors, and the extent to which green technologies are competitive in the global market. Please note: This indicator is a composited indicator, which means trends of one or several indicators which are part of this composited indicator could be masked by trend of other indicators, the composited indicator consist of. For further assessments and a correct interpretation of this indicator, please check the respective single indicators.

Cost of accessing data:

- [free of charge](#) [24]

Potential misinterpretation: Are there more profitable companies, which are using clean tech, but the overall

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use of an economy is reluctant to a transition towards a GE?

Related Indicator: [Use of cleaner and alternative fuels](#) [25]



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Source URL: <https://measuring-progress.eu/msci-global-clean-technology-index>

Links

- [1] <https://measuring-progress.eu/coll-del/nojs/2094>
- [2] <http://www.msci.com/products/indexes/esg/environmental/performance.html>
- [3] <https://measuring-progress.eu/taxonomy/term/50>
- [4] <https://measuring-progress.eu/taxonomy/term/64>
- [5] <https://measuring-progress.eu/taxonomy/term/65>
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- [14] <https://measuring-progress.eu/developed-and-emerging-market-large-mid-and-small-cap-companies-derive-50-or-more-their-revenues>
- [15] <https://measuring-progress.eu/developed-and-emerging-market-large-mid-and-small-cap-companies-derive-50-or-more-their-revenues-0>
- [16] <https://measuring-progress.eu/developed-and-emerging-market-large-mid-and-small-cap-companies-derive-50-or-more-their-revenues-1>
- [17] <https://measuring-progress.eu/developed-and-emerging-market-large-mid-and-small-cap-companies-derive-50-or-more-their-revenues-2>
- [18] <https://measuring-progress.eu/msci-environmental-index>
- [19] <https://measuring-progress.eu/taxonomy/term/13>
- [20] http://www.msci.com/eqb/methodology/meth_docs/MSCI_Global_Environment_May2011.pdf
- [21] <https://measuring-progress.eu/taxonomy/term/27>
- [22] <https://measuring-progress.eu/taxonomy/term/37>
- [23] <https://measuring-progress.eu/taxonomy/term/25>
- [24] <https://measuring-progress.eu/taxonomy/term/9>
- [25] <https://measuring-progress.eu/use-cleaner-and-alternative-fuels>