

Sustainable Energy For All (SE4ALL)

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Database description

Title statement

Primary ID

WB_SE4ALL

Title

Sustainable Energy For All (SE4ALL)

Description

Authoring entity

| Name | URL |
|------------------|---|
| World Bank Group | https://www.worldbank.org/ |

Abstract

The Sustainable Energy for all (SE4ALL) initiative, launched in 2010 by the UN Secretary General, established three global objectives to be accomplished by 2030: to ensure universal access to modern energy services, to double the global rate of improvement in global energy efficiency, and to double the share of renewable energy in the global energy mix. SE4ALL database supports this initiative and provides country level historical data for access to electricity and non-solid fuel; share of renewable energy in total final energy consumption by technology; and energy intensity rate of improvement.

For further details, please refer to <https://datacatalog.worldbank.org/search/dataset/0041706>

Version

| Version | Date |
|---------|------------|
| 1.0 | 2025-04-08 |

Update frequency

Annual

Topics

| ID | Topic | Parent ID | Vocabulary | URL |
|-----------|---------------------------------------|-----------|--------------------|---|
| P4 | Infrastructure | | WB Practice Groups | https://fmr.worldbank.org/FMR/sdmx/v2/structure/codelist/WB.DATA360/CL_D360_TOPICS/1.0 |
| P3 | Prosperity | | WB Practice Groups | https://fmr.worldbank.org/FMR/sdmx/v2/structure/codelist/WB.DATA360/CL_D360_TOPICS/1.0 |
| P4_000001 | Energy & Extractives | P4 | Data360 Topic L1 | https://fmr.worldbank.org/FMR/sdmx/v2/structure/hierarchy/WB.DATA360/H_D360_TOPICS/1.0 |
| P3_000006 | Trade, Investment and Competitiveness | P3 | Data360 Topic L1 | https://fmr.worldbank.org/FMR/sdmx/v2/structure/hierarchy/WB.DATA360/H_D360_TOPICS/1.0 |
| P4_000002 | Global Infrastructure Finance | P4 | Data360 Topic L1 | https://fmr.worldbank.org/FMR/sdmx/v2/structure/hierarchy/WB.DATA360/H_D360_TOPICS/1.0 |
| P4_000004 | Energy Access | P4_000001 | Data360 Topic L2 | https://fmr.worldbank.org/FMR/sdmx/v2/structure/hierarchy/WB.DATA360/H_D360_TOPICS/1.0 |
| P4_000006 | Energy Efficiency | P4_000001 | Data360 Topic L2 | https://fmr.worldbank.org/FMR/sdmx/v2/structure/hierarchy/WB.DATA360/H_D360_TOPICS/1.0 |

| | | | | |
|-----------|---|-----------|------------------|---|
| P4_000020 | Infrastructure Analytics and Indicators | P4_000002 | Data360 Topic L2 | https://fmr.worldbank.org/FMR/sdmx/v2/structure/hierarchy/WB.DATA360/H_D360_TOPICS/1.0 |
| P3_000023 | Markets, Competition, and Technology | P3_000006 | Data360 Topic L2 | https://fmr.worldbank.org/FMR/sdmx/v2/structure/hierarchy/WB.DATA360/H_D360_TOPICS/1.0 |
| P4_000013 | Renewable Energy | P4_000001 | Data360 Topic L2 | https://fmr.worldbank.org/FMR/sdmx/v2/structure/hierarchy/WB.DATA360/H_D360_TOPICS/1.0 |
| P4_000041 | Resource Assessments | P4_000001 | Data360 Topic L2 | https://fmr.worldbank.org/FMR/sdmx/v2/structure/hierarchy/WB.DATA360/H_D360_TOPICS/1.0 |
| P4_000042 | Transmission and Distribution | P4_000001 | Data360 Topic L2 | https://fmr.worldbank.org/FMR/sdmx/v2/structure/hierarchy/WB.DATA360/H_D360_TOPICS/1.0 |

Geographic coverage

Countries

| Name | Code |
|------------------------|------|
| Afghanistan | AFG |
| Albania | ALB |
| Algeria | DZA |
| Andorra | AND |
| Angola | AGO |
| Anguilla | AIA |
| Antigua and Barbuda | ATG |
| Argentina | ARG |
| Armenia | ARM |
| Aruba | ABW |
| Australia | AUS |
| Austria | AUT |
| Azerbaijan | AZE |
| Bahamas, The | BHS |
| Bahrain | BHR |
| Bangladesh | BGD |
| Barbados | BRB |
| Belarus | BLR |
| Belgium | BEL |
| Belize | BLZ |
| Benin | BEN |
| Bermuda | BMU |
| Bhutan | BTN |
| Bolivia | BOL |
| Bosnia and Herzegovina | BIH |
| Botswana | BWA |
| Brazil | BRA |
| British Virgin Islands | VGB |
| Brunei Darussalam | BRN |
| Bulgaria | BGR |

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|---------------------------|-----|
| Burkina Faso | BFA |
| Burundi | BDI |
| Cabo Verde | CPV |
| Cambodia | KHM |
| Cameroon | CMR |
| Canada | CAN |
| Cayman Islands | CYM |
| Central African Republic | CAF |
| Chad | TCD |
| Channel Islands | CHI |
| Chile | CHL |
| China | CHN |
| Hong Kong SAR, China | HKG |
| Macao SAR, China | MAC |
| Colombia | COL |
| Comoros | COM |
| Congo, Rep. | COG |
| Cook Islands | COK |
| Costa Rica | CRI |
| Côte d'Ivoire | CIV |
| Croatia | HRV |
| Cuba | CUB |
| Curaçao | CUW |
| Cyprus | CYP |
| Czechia | CZE |
| Korea, Dem. People's Rep. | PRK |
| Congo, Dem. Rep. | COD |
| Denmark | DNK |
| Djibouti | DJI |
| Dominica | DMA |
| Dominican Republic | DOM |
| Ecuador | ECU |
| Egypt, Arab Rep. | EGY |
| El Salvador | SLV |
| Equatorial Guinea | GNQ |
| Eritrea | ERI |
| Estonia | EST |
| Eswatini | SWZ |
| Ethiopia | ETH |
| Faroe Islands | FRO |
| Fiji | FJI |
| Finland | FIN |

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|--------------------|-----|
| France | FRA |
| French Polynesia | PYF |
| Gabon | GAB |
| Gambia, The | GMB |
| Georgia | GEO |
| Germany | DEU |
| Ghana | GHA |
| Gibraltar | GIB |
| Greece | GRC |
| Greenland | GRL |
| Grenada | GRD |
| Guam | GUM |
| Guatemala | GTM |
| Guinea | GIN |
| Guinea-Bissau | GNB |
| Guyana | GUY |
| Haiti | HTI |
| Honduras | HND |
| Hungary | HUN |
| Iceland | ISL |
| India | IND |
| Indonesia | IDN |
| Iran, Islamic Rep. | IRN |
| Iraq | IRQ |
| Ireland | IRL |
| Isle of Man | IMN |
| Israel | ISR |
| Italy | ITA |
| Jamaica | JAM |
| Japan | JPN |
| Jordan | JOR |
| Kazakhstan | KAZ |
| Kenya | KEN |
| Kiribati | KIR |
| Kuwait | KWT |
| Kyrgyz Republic | KGZ |
| Lao PDR | LAO |
| Latvia | LVA |
| Lebanon | LBN |
| Lesotho | LSO |
| Liberia | LBR |
| Libya | LYB |

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|--------------------------|-----|
| Liechtenstein | LIE |
| Lithuania | LTU |
| Luxembourg | LUX |
| Madagascar | MDG |
| Malawi | MWI |
| Malaysia | MYS |
| Maldives | MDV |
| Mali | MLI |
| Malta | MLT |
| Marshall Islands | MHL |
| Mauritania | MRT |
| Mauritius | MUS |
| Mexico | MEX |
| Micronesia, Fed. Sts. | FSM |
| Monaco | MCO |
| Mongolia | MNG |
| Montenegro | MNE |
| Morocco | MAR |
| Mozambique | MOZ |
| Myanmar | MMR |
| Namibia | NAM |
| Nauru | NRU |
| Nepal | NPL |
| Netherlands | NLD |
| New Caledonia | NCL |
| New Zealand | NZL |
| Nicaragua | NIC |
| Niger | NER |
| Nigeria | NGA |
| Niue | NIU |
| North Macedonia | MKD |
| Northern Mariana Islands | MNP |
| Norway | NOR |
| Oman | OMN |
| Pakistan | PAK |
| Palau | PLW |
| Panama | PAN |
| Papua New Guinea | PNG |
| Paraguay | PRY |
| Peru | PER |
| Philippines | PHL |
| Poland | POL |

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|--------------------------------|-----|
| Portugal | PRT |
| Puerto Rico | PRI |
| Qatar | QAT |
| Korea, Rep. | KOR |
| Moldova | MDA |
| Romania | ROU |
| Russian Federation | RUS |
| Rwanda | RWA |
| St. Kitts and Nevis | KNA |
| St. Lucia | LCA |
| St. Martin (French part) | MAF |
| St. Vincent and the Grenadines | VCT |
| Samoa | WSM |
| San Marino | SMR |
| São Tomé and Príncipe | STP |
| Saudi Arabia | SAU |
| Senegal | SEN |
| Serbia | SRB |
| Seychelles | SYC |
| Sierra Leone | SLE |
| Singapore | SGP |
| Sint Maarten (Dutch part) | SXM |
| Slovak Republic | SVK |
| Slovenia | SVN |
| Solomon Islands | SLB |
| Somalia | SOM |
| South Africa | ZAF |
| South Sudan | SSD |
| Spain | ESP |
| Sri Lanka | LKA |
| West Bank and Gaza | PSE |
| Sudan | SDN |
| Suriname | SUR |
| Sweden | SWE |
| Switzerland | CHE |
| Syrian Arab Republic | SYR |
| Tajikistan | TJK |
| Thailand | THA |
| Timor-Leste | TLS |
| Togo | TGO |
| Tonga | TON |
| Trinidad and Tobago | TTO |

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|---|-----|
| Tunisia | TUN |
| Türkiye | TUR |
| Turkmenistan | TKM |
| Turks and Caicos Islands | TCA |
| Tuvalu | TUV |
| Uganda | UGA |
| Ukraine | UKR |
| United Arab Emirates | ARE |
| United Kingdom | GBR |
| Tanzania | TZA |
| United States | USA |
| Virgin Islands (U.S.) | VIR |
| Uruguay | URY |
| Uzbekistan | UZB |
| Vanuatu | VUT |
| Venezuela, RB | VEN |
| Vietnam | VNM |
| Yemen, Rep. | YEM |
| Zambia | ZMB |
| Zimbabwe | ZWE |
| American Samoa | ASM |
| Mayotte | MYT |
| Falkland Islands | FLK |
| French Guiana | GUF |
| Guadeloupe | GLP |
| Martinique | MTQ |
| Montserrat | MSR |
| Bonaire (Neth.) | BES |
| Reunion | REU |
| Saint-Barthélemy (Fr.) | BLM |
| Saint-Pierre-et-Miquelon (Fr.) | SPM |
| Tokelau (NZ) | TKL |
| Guernsey | GGY |
| Jersey | JEY |
| Saint Helena, Ascension and Tristan da Cunha (UK) | SHN |
| Wallis-et-Futuna (Fr.) | WLF |

Geographic areas

| Name | Code | Type |
|---------------------------|------|--------|
| Latin America & Caribbean | LCN | Region |
| North America | NAC | Region |
| South Asia | SAS | Region |

| | | |
|----------------------------------|-----|---------------|
| Sub-Saharan Africa | SSF | Region |
| World | WLD | Income Groups |
| Sub-Saharan Africa | | Region |
| Western Asia and Northern Africa | | Region |

Time coverage and periodicity

Time coverage

| Start | End |
|-------|------|
| 1990 | 2022 |

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Database URL

<https://datacatalog.worldbank.org/search/dataset/0041706>

License

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