AFGHANISTAN
GLOBAL SCORE:

<table>
<thead>
<tr>
<th></th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>AFGHANISTAN</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2021</td>
<td>60</td>
<td>N/A</td>
<td>25</td>
<td>31</td>
<td>48</td>
</tr>
</tbody>
</table>

RISE scores (out of 100) per pillar 2021

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 33
- Counterparty risk: 40
- Network connection and use: 0
- Legal framework for renewable energy: 0
- Planning for renewable energy expansion: 13
- Incentives and regulatory support for renewable energy: 0

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 0
- National energy efficiency planning: 67
- Energy efficiency entities: 89
- Incentives and mandates: industrial and commercial users: 18
- Building energy codes: 17
- Energy labeling systems: 0
- Incentives and mandates: public sector: 0
- Minimum energy efficiency performance standards: 13
- Energy efficiency entities: 0

**CLEAN COOKING**

- Supplier incentives: 0
- Financing mechanisms: 0
- Labeling: 0
- Monitoring and verification: 0
- Use of standards: 0
- Last-mile distribution: 0
- Awareness strategy: 0
- Institutional capacity: 0
- Existence of plan: 0

**ELECTRICITY ACCESS**

- Utility creditworthiness: 50
- Electrification planning: 15
- Scope of officially approved electrification plan: 82
- Consumer affordability of electricity: 40
- Framework for mini grids: 42
- Framework for off-grid systems: 17
- Utility transparency and monitoring: 0

Source: World Bank, RISE 2022

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org

**DASHBOARD FOR SUSTAINABLE ENERGY**

- Access to electricity: 98% of population
- Access to clean cooking: 33% of population
- Renewable energy: 19% of Total Final Energy Consumption
- Energy efficiency: 2.41 MJ per US$ PPP 2017
RISE scores (out of 100) per pillar 2021

**Global Average**
- 60

**Regional Average**
- Kazakhstan: 66
- Albania: 67
- Bosnia and Herzegovina: 67
- Europe & Central Asia: 67

**Evolution of RISE Score Since 2010**

**Dashboard for Sustainable Energy**
- Access to electricity: 100% of population
- Access to clean cooking: 81% of population
- Renewable energy: 40% of Total Final Energy Consumption
- Energy efficiency: 2.50 MJ per US$ PPP 2017
**ALGERIA**

**GLOBAL SCORE:**

![RISE scores chart]

**RENEWABLE ENERGY**
- Carbon pricing and monitoring: 50
- Legal framework for renewable energy: 80
- Planning for renewable energy expansion: 71
- Incentives and regulatory support for renewable energy: 45
- Attributes of financial and regulatory incentives: 30

**ENERGY EFFICIENCY**
- Carbon pricing and monitoring: 0
- National energy efficiency planning: 82
- Energy efficiency entities: 83
- Incentives and mandates: industrial and commercial end users: 88
- Incentives and mandates: public sector: 50
- Incentives and mandates: energy utility programs: 44

**EVOLUTION OF RISE SCORE SINCE 2010**

*Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.*

*https://trackingsdg7.esmap.org*

Source: World Bank, RISE 2022

**DASHBOARD FOR SUSTAINABLE ENERGY**

- Access to electricity: **100%** of population
- Access to clean cooking: **100%** of population
- Renewable energy: **0%** of Total Final Energy Consumption
- Energy efficiency: **5.32** MJ per US$ PPP 2017
ANGOLA
GLOBAL SCORE:

Rise scores (out of 100) per pillar 2021

<table>
<thead>
<tr>
<th>Pillar</th>
<th>2019</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global Average</td>
<td>60</td>
<td>60</td>
</tr>
<tr>
<td>Regional One Down</td>
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<tr>
<td>Liberia</td>
<td></td>
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<tr>
<td>Regional One Up</td>
<td>66</td>
<td>70</td>
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<tr>
<td>Togo</td>
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<tr>
<td>Sub-Saharan Africa</td>
<td>74</td>
<td>59</td>
</tr>
</tbody>
</table>

**Renewable Energy**

- **Carbon pricing and monitoring**: 0
- **Counterparty risk**: 33
- **Network connection and use**: 49
- **Incentives and regulatory support for renewable energy**: 67
- **Legal framework for renewable energy**: 80
- **Planning for renewable energy expansion**: 42

**Energy Efficiency**

- **Carbon pricing and monitoring**: 0
- **Energy efficiency entities**: 17
- **National energy efficiency planning**: 17
- **Incentives and mandates: industrial and commercial end users**: 0
- **Incentives and mandates: public sector**: 0
- **Incentives and mandates: energy utility programs**: 15
- **Minimum energy efficiency performance standards**: 6
- **Energy labeling systems**: 4
- **Transport sector**: 0

**Clean Cooking**

- **Supply incentives**: 0
- **Financing mechanisms**: 0
- **Labeling**: 0
- **Monitoring and verification**: 0
- **Use of standards**: 0
- **Awareness strategy**: 50
- **Last-mile distribution**: 60
- **Tracking progress**: 100
- **Existence of plan**: 50
- **Institutional capacity**: 60
- **Aspects of the plan**: 60
- **Awareness strategy**: 100

**Electricity Access**

- **Utility creditworthiness**: 0
- **Electrification planning**: 100
- **Scope of officially approved electrification plan**: 70
- **Framework for off-grid systems**: 68
- **Framework for mini grids**: 74
- **Electricity access**: 100
- **Consumer affordability of electricity**: 33
- **Framework for grid electrification**: 66
- **Utility transparency and monitoring**: 81

DASHBOARD FOR SUSTAINABLE ENERGY*

- **Access to electricity**: 47% of population
- **Access to clean cooking**: 50% of population
- **Renewable energy**: 55% of Total Final Energy Consumption
- **Energy efficiency**: 2.94 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
Argentina Global Score:

Rise scores (out of 100) per pillar 2021

Renewable Energy

<table>
<thead>
<tr>
<th>2021</th>
<th>Global Average</th>
<th>Regional One Down</th>
<th>Argentina</th>
<th>Regional One Up</th>
<th>Regional Average</th>
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<td>60</td>
<td>59</td>
<td>62</td>
<td>63</td>
<td>61</td>
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</table>

Energy Efficiency

Evolution of Rise Score Since 2010

Note: The overall country score is based on the average score of electricity access, energy efficiency and renewable energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
ARMENIA
GLOBAL SCORE:

2019 2020 2021

60 68 69

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: **100%** of population
Access to clean cooking: **98%** of population
Renewable energy: **10%** of Total Final Energy Consumption
Energy efficiency: **3.53** MJ per US$ PPP 2017

2021

GLOBAL AVERAGE  REGIONAL ONE DOWN MONTENEGRO  ARMENIA  REGIONAL ONE UP UKRAINE  REGIONAL AVERAGE EUROPE & CENTRAL ASIA

<table>
<thead>
<tr>
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<td>ACCESS TO ELECTRICITY</td>
<td>100%</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACCESS TO CLEAN COOKING</td>
<td>98%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RENEWABLE ENERGY</td>
<td>10%</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

EVOLUTION OF RISE SCORE SINCE 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg.esmap.org
Source: World Bank, RISE 2022
AUSTRALIA
GLOBAL SCORE:

GLOBAL AVERAGE

REGIONAL ONE DOWN
FINLAND

AUSTRALIA

REGIONAL ONE UP
SWITZERLAND

REGIONAL AVERAGE
OECD HIGH INCOME

2021

60

86

86

87

86

RISE scores (out of 100) per pillar 2021

2019 2021

42 88

RENEWABLE ENERGY

ENERGY EFFICIENCY

Carbon pricing and monitoring

Legal framework for renewable energy

Planning for renewable energy expansion

Incentives and regulatory support for renewable energy

Attributes of financial and regulatory incentives

Counterparty risk

Network connection and pricing

Regional One Down

FINLAND

AUSTRALIA

Regional One Up

SWITZERLAND

Regional Average

OECD High Income

EVOLUTION OF RISE SCORE SINCE 2010

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: **100%** of population

Access to clean cooking: **100%** of population

Renewable energy: **10%** of Total Final Energy Consumption

Energy efficiency: **4.30** MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022
AUSTRIA
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

E V O L U T I O N O F R I S E S C O R E S I N S I N C E 2 0 1 0

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population
Access to clean cooking: 100% of population
Renewable energy: 34% of Total Final Energy Consumption
Energy efficiency: 2.82 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg.esmap.org

Source: World Bank, RISE 2022
AZERBAIJAN
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*
Access to electricity: 100% of population
Access to clean cooking: 97% of population
Renewable energy: 2% of Total Final Energy Consumption
Energy efficiency: 4.61 MJ per US$ PPP 2017


RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

EVOLUTION OF RISE SCORE SINCE 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.
*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
BAHRAIN
GLOBAL SCORE:

2021

GLOBAL AVERAGE 60
REGIONAL ONE DOWN 61
BAHRAIN 63
REGIONAL ONE UP 68
REGIONAL AVERAGE 67

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

EVOLUTION OF RISE SCORE SINCE 2010

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population
Access to clean cooking: 100% of population
Renewable energy: 0% of Total Final Energy Consumption
Energy efficiency: 8.73 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.
*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
### RISE scores (out of 100) per pillar 2021

#### RENEWABLE ENERGY

<table>
<thead>
<tr>
<th>Metric</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Counterparty risk</td>
<td>58</td>
<td>33</td>
</tr>
<tr>
<td>Carbon pricing and monitoring</td>
<td>0</td>
<td>80</td>
</tr>
<tr>
<td>Network connection and use</td>
<td>40</td>
<td>20</td>
</tr>
<tr>
<td>Attributes of financial and regulatory incentives</td>
<td>29</td>
<td>29</td>
</tr>
<tr>
<td>Legal framework for renewable energy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Planning for renewable energy expansion</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Incentives and regulatory support for renewable energy</td>
<td></td>
<td></td>
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</tbody>
</table>

#### ENERGY EFFICIENCY

<table>
<thead>
<tr>
<th>Metric</th>
<th>2019</th>
<th>2021</th>
</tr>
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<tr>
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</tr>
<tr>
<td>Energy efficiency planning</td>
<td>0</td>
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</tr>
<tr>
<td>Incentives and mandates: industrial and commercial users</td>
<td>15</td>
<td>25</td>
</tr>
<tr>
<td>Incentives and mandates: public sector</td>
<td>54</td>
<td>33</td>
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<td>National energy efficiency planning</td>
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<td>Minimum energy efficiency performance standards</td>
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<td>33</td>
</tr>
<tr>
<td>Energy labeling systems</td>
<td>54</td>
<td>33</td>
</tr>
<tr>
<td>Transport sector</td>
<td>0</td>
<td>100</td>
</tr>
<tr>
<td>Energy pricing and monitoring</td>
<td>0</td>
<td>100</td>
</tr>
<tr>
<td>National energy efficiency planning</td>
<td>0</td>
<td>100</td>
</tr>
</tbody>
</table>

#### CLEAN COOKING

<table>
<thead>
<tr>
<th>Metric</th>
<th>2019</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Awareness strategy</td>
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<td>100</td>
</tr>
<tr>
<td>Last-mile distribution</td>
<td>0</td>
<td>100</td>
</tr>
<tr>
<td>Use of standards</td>
<td>50</td>
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<td>Monitoring and verification</td>
<td>23</td>
<td>80</td>
</tr>
<tr>
<td>Labeling</td>
<td>50</td>
<td>100</td>
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<tr>
<td>Financing mechanisms</td>
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<td>75</td>
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<tr>
<td>Supplier incentives</td>
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<td>60</td>
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<tr>
<td>Tracking progress</td>
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</table>

#### ELECTRICITY ACCESS

<table>
<thead>
<tr>
<th>Metric</th>
<th>2019</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Framework for grid electrification</td>
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<td>100</td>
</tr>
<tr>
<td>Scope of officially approved electrification plan</td>
<td>0</td>
<td>100</td>
</tr>
<tr>
<td>Framework for mini grids</td>
<td>0</td>
<td>100</td>
</tr>
<tr>
<td>Consumer affordability of electricity</td>
<td>82</td>
<td>92</td>
</tr>
<tr>
<td>Electrification planning</td>
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<td>92</td>
</tr>
<tr>
<td>Utility creditworthiness</td>
<td>29</td>
<td>92</td>
</tr>
<tr>
<td>Utility transparency and monitoring</td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
</table>

#### Note

The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsg7.esmap.org
Source: World Bank, RISE 2022
Belarus Global Score:

DASHBOARD FOR SUSTAINABLE ENERGY*

| Access to electricity: 100% of population |
| Access to clean cooking: 100% of population |
| Renewable energy: 8% of Total Final Energy Consumption |
| Energy efficiency: 5.97 MJ per US$ PPP 2017 |

Evolution of RISE Score Since 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

Source: World Bank, RISE 2022
RISE scores (out of 100) per pillar 2021

GLOBAL AVERAGE | REGIONAL ONE DOWN | BELGIUM | REGIONAL ONE UP | REGIONAL AVERAGE

CHILE | NETHERLANDS | OECD HIGH INCOME

2021

60 | 87 | 87 | 87 | 86

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

- Carbon pricing and monitoring
- Legal framework for renewable energy
- Planning for renewable energy expansion
- Incentives and regulatory support for renewable energy
- Attributes of financial and regulatory incentives

ENERGY EFFICIENCY

- Carbon pricing and monitoring
- National energy efficiency planning
- Energy efficiency entities
- Incentives and mandates: industrial and commercial end users
- Incentives and mandates: public sector
- Incentives and mandates: energy utility programs

EVOLUTION OF RISE SCORE SINCE 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg8.esmap.org

Source: World Bank, RISE 2022
**RISE scores (out of 100) per pillar 2021**

### RENEWABLE ENERGY

- **Carbon pricing and monitoring**: 33
- **Counterparty risk**: 13
- **Network connection and use**: 18
- **Attributes of financial and regulatory incentives**: 13
- **Legal framework for renewable energy**: 60
- **Planning for renewable energy expansion**: 75
- **Incentives and regulatory support for renewable energy**: 60

### ENERGY EFFICIENCY

- **Carbon pricing and monitoring**: 0
- **Transport sector**: 0
- **Building energy codes**: 7
- **Energy labeling systems**: 25
- **National energy efficiency planning**: 58
- **Energy efficiency entities**: 50
- **Incentives and mandates: industrial and commercial users**: 0
- **Incentives and mandates: public sector**: 0
- **Incentives and mandates: energy utility programs**: 17
- **Minimum energy efficiency performance standards**: 13
- **Financing mechanisms for energy efficiency**: 0

### CLEAN COOKING

- **Tracking progress**: 0
- **Financing mechanisms**: 40
- **Labeling**: 25
- **Monitoring and verification**: 0
- **Use of standards**: 0
- **Last-mile distribution**: 0
- **Awareness strategy**: 0
- **Existence of plan**: 80
- **Institutional capacity**: 67
- **Aspects of the plan**: 0

### ELECTRICITY ACCESS

- **Utility creditworthiness**: 0
- **Utility transparency and monitoring**: 91
- **Consumer affordability of electricity**: 78
- **Framework for off-grid systems**: 83
- **Framework for mini grids**: 65
- **Framework for grid electrification**: 60
- **Scope of officially approved electrification plan**: 70
- **Electrification planning**: 60
- **Scope of officially approved electrification plan**: 33

**GLOBAL AVERAGE**

- 60

**REGIONAL ONE DOWN**

- 37

**REGIONAL ONE UP**

- 38

**REGIONAL AVERAGE**

- 39

**SUB-SAHARAN AFRICA**

- 37

**Mali**

- 50

**Zimbabwe**

- 58

**BENIN**

Access to electricity: 41% of population
Access to clean cooking: 4% of population
Renewable energy: 47% of Total Final Energy Consumption
Energy efficiency: 5.69 MJ per US$ PPP 2017

---

**BENIN GLOBAL SCORE:**

- **2019**: 37
- **2021**: 39

---

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org*

Source: World Bank, RISE 2022
**BOLIVIA**

**GLOBAL SCORE:**

---

**DASHBOARD FOR SUSTAINABLE ENERGY**

- Access to electricity: **98%** of population
- Access to clean cooking: **86%** of population
- Renewable energy: **9%** of Total Final Energy Consumption
- Energy efficiency: **3.82 MJ per US$ PPP 2017**

---

**RISE scores (out of 100) per pillar 2021**

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 60
- Legal framework for renewable energy: 71
- Planning for renewable energy expansion: 59
- Incentives and regulatory support for renewable energy: 39

**ENERGY EFFICIENCY**

- Energy efficiency: 26
- National energy efficiency planning: 75
- Incentives and mandates: industrial and commercial end users: 58
- Incentives and mandates: public sector: 13

---

**EVOLUTION OF RISE SCORE SINCE 2010**

---

*Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.*

*https://trackingsdg7.esmap.org*

Source: World Bank, RISE 2022
**RISE scores (out of 100) per pillar 2021**

- **Global Average**: 60
- **Regional One Down**: 67
- **Bosnia and Herzegovina**: 67
- **Regional One Up**: 68
- **Regional Average**: 67

**Renewable Energy**

- Carbon pricing and monitoring: 50
- Legal framework for renewable energy: 80
- Planning for renewable energy expansion: 71
- Incentives and regulatory support for renewable energy: 54
- Attributes of financial and regulatory incentives: 33
- Network connection and pricing: 54

**Energy Efficiency**

- Carbon pricing and monitoring: 67
- National energy efficiency planning: 89
- Energy efficiency entities: 83
- Incentives and mandates: industrial and commercial end users: 67
- Energy labeling systems: 49
- Building energy codes: 42
- Financing mechanisms for energy efficiency: 50
- Incentives and mandates: public sector: 25
- Incentives and mandates: energy utility programs: 52
- Minimum energy efficiency performance standards: 63

**Evolution of RISE score since 2010**

*Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.*

*Source: World Bank, RISE 2022*
RISE scores (out of 100) per pillar 2021

**ENERGY EFFICIENCY**

- Brazilian - Energy Efficiency: 82
- Regional one up: 85
- Latin America & Caribbean: 61

**RENEWABLE ENERGY**

- Brazilian - Renewable Energy: 76
- Regional one down: 60
- Regional average: 61

**EVOLUTION OF RISE SCORE SINCE 2010**

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg.esmap.org*

Source: World Bank, RISE 2022
RISE scores (out of 100) per pillar 2021

BULGARIA
GLOBAL SCORE:

GLOBAL AVERAGE
REGIONAL ONE DOWN
TURKEY
BULGARIA
REGIONAL ONE UP
ROMANIA
REGIONAL AVERAGE
EUROPE & CENTRAL ASIA

2021

60
78
83
85
67

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

EVOLUTION OF RISE SCORE SINCE 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

Source: World Bank, RISE 2022

*https://trackingsdg.esmap.org
**DASHBOARD FOR SUSTAINABLE ENERGY**

- **Access to electricity:** 19% of population
- **Access to clean cooking:** 11% of population
- **Renewable energy:** 65% of Total Final Energy Consumption
- **Energy efficiency:** 4.49 MJ per US$ PPP 2017

**Burkina Faso Global Score:**

2019: 39
2021: 39

**Burkina Faso RISE Scores (2021):**

**Renewable Energy**
- 33: Legal framework for renewable energy
- 46: Planning for renewable energy expansion
- 40: Attributes of financial and regulatory incentives
- 23: Counterparty risk
- 27: Network connection and use
- 58: Carbon pricing and monitoring

**Energy Efficiency**
- 28: National energy efficiency planning
- 75: Energy efficiency entities
- 67: Incentives and mandates: industrial and commercial users
- 38: Incentives and mandates: public sector
- 18: Minimum energy efficiency performance standards
- 44: Incentives and mandates: energy utility programs
- 10: Energy labeling systems
- 0: Building energy codes
- 0: Transport sector
- 0: Carbon pricing and monitoring

**Clean Cooking**
- 24: Tracking progress
- 50: Existence of plan
- 60: Institutional capacity
- 0: Awareness strategy
- 0: Use of standards
- 0: Last-mile distribution
- 20: Supplier incentives
- 0: Financing mechanisms
- 0: Labeling
- 0: Monitoring and verification

**Electricity Access**
- 69: Electrification planning
- 88: Scope of officially approved electrification plan
- 60: Framework for mini grids
- 76: Framework for off-grid systems
- 97: Consumer affordability of electricity
- 100: Utility transparency and monitoring
- 0: Utility creditworthiness
- 0: Electrification planning

**Note:** The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
BURUNDI
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 12% of population
Access to clean cooking: 0% of population
Renewable energy: 85% of Total Final Energy Consumption
Energy efficiency: 7.62 MJ per US$ PPP 2017

GLOBAL AVERAGE
REGIONAL ONE DOWN
CENTRAL AFRICAN REPUBLIC
BURUNDI
REGIONAL ONE UP
SUDAN
REGIONAL AVERAGE
SUB-SAHARAN AFRICA

2021
60
23
26
27
39

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

CLEAN COOKING

ELECTRICITY ACCESS

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022
CAMBODIA
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

- Access to electricity: 86% of population
- Access to clean cooking: 37% of population
- Renewable energy: 53% of Total Final Energy Consumption
- Energy efficiency: 4.68 MJ per US$ PPP 2017

Rise scores (out of 100) per pillar 2021

<table>
<thead>
<tr>
<th>2021</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>CAMBODIA</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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<tbody>
<tr>
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<td>60</td>
<td>38</td>
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**RENEWABLE ENERGY**

**ENERGY EFFICIENCY**

**CLEAN COOKING**

**ELECTRICITY ACCESS**

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
**CAMEROON**

**GLOBAL SCORE:**

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<tr>
<th>2021</th>
<th>GLOBAL AVERAGE</th>
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<th>CAMEROON</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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<td>42</td>
<td>39</td>
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</tbody>
</table>

RISE scores (out of 100) per pillar 2021

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 60
- Counterparty risk: 70
- Network connection and use: 33
- Attributes of financial and regulatory incentives: 17
- Legal framework for renewable energy: 46
- Planning for renewable energy expansion: 46
- Incentives and regulatory support for renewable energy: 13

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 0
- Energy efficiency entities: 89
- National energy efficiency planning: 75
- Incentives and mandates: industrial and commercial users: 0
- Incentives and mandates: public sector: 0
- Incentives and mandates: energy utility programs: 43
- Minimum energy efficiency performance standards: 26
- Building energy codes: 33
- Energy labeling systems: 0
- Financial mechanisms for energy efficiency: 0

**CLEAN COOKING**

- Supplier incentives: 60
- Financing mechanisms: 60
- Labeling: 0
- Monitoring and verification: 60
- Use of standards: 0
- Last-mile distribution: 0
- Awareness strategy: 80
- Tracking progress: 0
- Existence of plan: 100
- Institutional capacity: 0
- Aspects of the plan: 88

**ELECTRICITY ACCESS**

- Utility creditworthiness: 60
- Electrification planning: 65
- Scope of officially approved electrification plan: 0
- Framework for off-grid systems: 63
- Framework for mini grids: 14
- Consumer affordability of electricity: 83
- Utility transparency and monitoring: 0

**DASHBOARD FOR SUSTAINABLE ENERGY**

- Access to electricity: 65% of population
- Access to clean cooking: 22% of population
- Renewable energy: 79% of Total Final Energy Consumption
- Energy efficiency: 4.33 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org*

Source: World Bank, RISE 2022
### CANADA GLOBAL SCORE:

<table>
<thead>
<tr>
<th>Country</th>
<th>Renewable Energy</th>
<th>Energy Efficiency</th>
</tr>
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<tbody>
<tr>
<td><strong>CANADA</strong></td>
<td><strong>88</strong></td>
<td><strong>88</strong></td>
</tr>
</tbody>
</table>

**RISE scores (out of 100) per pillar 2021**

#### RENEWABLE ENERGY

- **Access to electricity:** 100% of population
- **Access to clean cooking:** 100% of population
- **Renewable energy:** 22% of Total Final Energy Consumption
- **Energy efficiency:** 6.94 MJ per US$ PPP 2017

#### ENERGY EFFICIENCY

**DASHBOARD FOR SUSTAINABLE ENERGY**

<table>
<thead>
<tr>
<th>Metric</th>
<th>Score</th>
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<tbody>
<tr>
<td>Access to electricity:</td>
<td>100%</td>
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<tr>
<td>Access to clean cooking:</td>
<td>100%</td>
</tr>
<tr>
<td>Renewable energy:</td>
<td>22%</td>
</tr>
<tr>
<td>Energy efficiency:</td>
<td>6.94</td>
</tr>
</tbody>
</table>

#### EVOLUTION OF RISE SCORE SINCE 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency, and Renewable Energy indicators.

*https://trackingsdg.esmap.org

Source: World Bank, RISE 2022
CENTRAL AFRICAN REPUBLIC

GLOBAL SCORE:

RENTEREABLE ENERGY

ENERGY EFFICIENCY

CLEAN COOKING

ELECTRICITY ACCESS

RISE scores (out of 100) per pillar 2021

GLOBAL AVERAGE

REGIONAL ONE DOWN

REGIONAL ONE UP

REGIONAL AVERAGE

CENTRAL AFRICAN REPUBLIC

GUINEA

BURUNDI

SUB-SAHARAN AFRICA

Access to electricity: 15% of population
Access to clean cooking: 1% of population
Renewable energy: 91% of Total Final Energy Consumption
Energy efficiency: 8.39 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsgd7.esmap.org

Source: World Bank, RISE 2022
CHAD
GLOBAL SCORE:

2021

GLOBAL AVERAGE: 60
REGIONAL ONE DOWN: 43
CHAD: 46
REGIONAL ONE UP: 46
REGIONAL AVERAGE: 39

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

CLEAN COOKING

ELECTRICITY ACCESS

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 11% of population
Access to clean cooking: 7% of population
Renewable energy: 78% of Total Final Energy Consumption
Energy efficiency: 3.77 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsgd7.esmap.org
Source: World Bank, RISE 2022
CHILE
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*
Access to electricity: 100% of population
Access to clean cooking: 100% of population
Renewable energy: 25% of Total Final Energy Consumption
Energy efficiency: 3.66 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
**CHINA**

**GLOBAL SCORE:**

2021

**RENEWABLE ENERGY**

- 72
- 77
- 81
- 50

**ENERGY EFFICIENCY**

- 50
- 71
- 81
- 83

**CLEAN COOKING**

- 62
- 47
- 40
- 77

**EVOLUTION OF RISE SCORE SINCE 2010**

- China - Renewable Energy
- China - Energy Efficiency
- East Asia & Pacific - Renewable Energy
- East Asia & Pacific - Energy

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Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org*

Source: World Bank, RISE 2022
**COLOMBIA**

**GLOBAL SCORE:**

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Score</th>
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</thead>
<tbody>
<tr>
<td>Access to electricity</td>
<td>100%</td>
</tr>
<tr>
<td>Access to clean cooking</td>
<td>93%</td>
</tr>
<tr>
<td>Renewable energy</td>
<td>31%</td>
</tr>
<tr>
<td>Energy efficiency</td>
<td>2.51 MJ per US$ PPP 2017</td>
</tr>
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**RENEWABLE ENERGY**

<table>
<thead>
<tr>
<th>Pillar</th>
<th>Score</th>
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</thead>
<tbody>
<tr>
<td>Carbon pricing and monitoring</td>
<td>100</td>
</tr>
<tr>
<td>Legal framework for renewable energy</td>
<td>80</td>
</tr>
<tr>
<td>Planning for renewable energy expansion</td>
<td>81</td>
</tr>
<tr>
<td>Incentives and regulatory support for renewable energy</td>
<td>72</td>
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<tr>
<td>Attributes of financial and regulatory incentives</td>
<td>58</td>
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<td>Network connection and pricing</td>
<td>67</td>
</tr>
<tr>
<td>Counterparty risk</td>
<td>62</td>
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**ENERGY EFFICIENCY**

<table>
<thead>
<tr>
<th>Pillar</th>
<th>Score</th>
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<tbody>
<tr>
<td>Carbon pricing and monitoring</td>
<td>100</td>
</tr>
<tr>
<td>National energy efficiency planning</td>
<td>89</td>
</tr>
<tr>
<td>Energy efficiency entities</td>
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<tr>
<td>Incentives and mandates: industrial and commercial end users</td>
<td>50</td>
</tr>
<tr>
<td>Incentives and mandates: public sector</td>
<td>38</td>
</tr>
<tr>
<td>Incentives and mandates: energy utility programs</td>
<td>32</td>
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<td>Access to electricity</td>
<td>50</td>
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<td>Building energy codes</td>
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<td>Energy labeling systems</td>
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<td>Minimum energy efficiency performance standards</td>
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<tr>
<td>Financing mechanisms for energy efficiency</td>
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</table>

**EVOLUTION OF RISE SCORE SINCE 2010**

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingdsd7.esmap.org
Source: World Bank, RISE 2022
CONGO, DEM. REP.
GLOBAL SCORE:

<table>
<thead>
<tr>
<th>2021</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>CONGO, DEM. REP.</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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</thead>
<tbody>
<tr>
<td>60</td>
<td>SIERRA LEONE</td>
<td>CONGO, DEM. REP.</td>
<td>LIBERIA</td>
<td>SUB-SAHARAN AFRICA</td>
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<tr>
<td>29</td>
<td>31</td>
<td>31</td>
<td>39</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

RISE scores (out of 100) per pillar 2021

RENTERABLE ENERGY

- Carbon pricing and monitoring: 80
- Legal framework for renewable energy: 40
- Counterparty risk: 46
- Planning for renewable energy expansion: 58
- Network connection and use: 38
- Attributes of financial and regulatory incentives: 8

ENERGY EFFICIENCY

- Carbon pricing and monitoring: 0
- National energy efficiency planning: 16
- Transport sector: 8
- Energy efficiency entities: 78
- Building energy codes: 21
- Incentives and mandates: industrial and commercial users: 2
- Energy labeling systems: 13
- Incentives and mandates: public sector: 4
- Minimum energy efficiency performance standards: 51
- Financing mechanisms for energy efficiency: 0

CLEAN COOKING

- Supplier incentives: 80
- Use of standards: 80
- Labeling: 33
- Financing mechanisms: 0
- Monitoring and verification: 0
- Tracking progress: 80
- Existence of plan: 25
- Institutional capacity: 80
- Awareness strategy: 0
- Aspects of the plan: 0
- Last-mile distribution: 0

ELECTRICITY ACCESS

- Utility creditworthiness: 50
- Electrification planning: 13
- Utility transparency and monitoring: 50
- Scope of officially approved electrification plan: 0
- Consumer affordability of electricity: 83
- Framework for grid electrification: 84
- Military grid systems: 8
- Framework for mini grids: 17

DASHBOARD FOR SUSTAINABLE ENERGY*

- Access to electricity: 19% of population
- Access to clean cooking: 4% of population
- Renewable energy: 96% of Total Final Energy Consumption
- Energy efficiency: 13.29 MJ per US$ PPP 2017

GLOBAL AVERAGE

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

Source: World Bank, RISE 2022

*https://trackingsdg7.esmap.org
**CONGO, REP.**

**GLOBAL SCORE:**

<table>
<thead>
<tr>
<th>2019</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>14</td>
</tr>
</tbody>
</table>

---

**RENEWABLE ENERGY**

- **GLOBAL AVERAGE: 60**
- **REGIONAL ONE DOWN: ERITREA: 13**
- **CONGO, REP.: 14**
- **REGIONAL ONE UP: MADAGASCAR: 17**
- **REGIONAL AVERAGE: SUB-SAHARAN AFRICA: 39**

**RISE scores (out of 100) per pillar 2021**

---

**ENERGY EFFICIENCY**

- **GLOBAL AVERAGE: 2**
- **REGIONAL ONE DOWN: ERITREA: 0**
- **CONGO, REP.: 0**
- **REGIONAL ONE UP: MADAGASCAR: 17**
- **REGIONAL AVERAGE: SUB-SAHARAN AFRICA: 8**

---

**CLEAN COOKING**

- **GLOBAL AVERAGE: 13**
- **REGIONAL ONE DOWN: ERITREA: 40**
- **CONGO, REP.: 40**
- **REGIONAL ONE UP: MADAGASCAR: 0**
- **REGIONAL AVERAGE: SUB-SAHARAN AFRICA: 60**

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**ELECTRICITY ACCESS**

- **GLOBAL AVERAGE: 57**
- **REGIONAL ONE DOWN: ERITREA: 25**
- **CONGO, REP.: 20**
- **REGIONAL ONE UP: MADAGASCAR: 33**
- **REGIONAL AVERAGE: SUB-SAHARAN AFRICA: 33**

---

**DASHBOARD FOR SUSTAINABLE ENERGY**

- **Access to electricity:** 50% of population
- **Access to clean cooking:** 35% of population
- **Renewable energy:** 69% of Total Final Energy Consumption
- **Energy efficiency:** 6.55 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org*

Source: World Bank, RISE 2022
COSTA RICA
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2021

ENERGY EFFICIENCY

EVOLUTION OF RISE SCORE SINCE 2010

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population
Access to clean cooking: 96% of population
Renewable energy: 36% of Total Final Energy Consumption
Energy efficiency: 2.11 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.
*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
CÔTE D’IVOIRE
GLOBAL SCORE:

Access to electricity: 70% of population
Access to clean cooking: 32% of population
Renewable energy: 63% of Total Final Energy Consumption
Energy efficiency: 3.32 MJ per US$ PPP 2017

RISE scores (out of 100) per pillar 2021

**RENEWABLE ENERGY**

- **Carbon pricing and monitoring:** 0%
- **Legal framework for renewable energy:** 60%
- **Planning for renewable energy expansion:** 78%
- **Counterparty risk:** 0%
- **Network connection and use:** 49%
- **Attributes of financial and regulatory incentives:** 24%

**ENERGY EFFICIENCY**

- **Carbon pricing and monitoring:** 0%
- **National energy efficiency planning:** 93%
- **Energy efficiency entities:** 50%
- **Incentives and mandates: industrial and commercial end users:** 0%
- **Incentives and mandates: public sector:** 88%
- **Incentives and mandates: energy utility programs:** 38%
- **Minimum energy efficiency performance standards:** 74%
- **Energy labeling systems:** 83%
- **Building energy codes:** 52%
- **Transport sector:** 0%

**CLEAN COOKING**

- **Tracking progress:** 50%
- **Existence of plan:** 80%
- **Institutional capacity:** 0%
- **Supplier incentives:** 0%
- **Financing mechanisms:** 20%
- **Labeling:** 0%
- **Monitoring and verification:** 0%
- **Use of standards:** 0%
- **Last-mile distribution:** 100%
- **Awareness strategy:** 0%

**ELECTRICITY ACCESS**

- **Electrification planning:** 100%
- **Scope of officially approved electrification plan:** 100%
- **Framework for grid electrification:** 76%
- **Framework for off-grid systems:** 45%
- **Consumer affordability of electricity:** 83%
- **Framework for mini grids:** 78%
- **Utility creditworthiness:** 35%
- **Utility transparency and monitoring:** 100%

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
CROATIA
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

EVOLUTION OF RISE SCORE SINCE 2010

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population

Access to clean cooking: 100% of population

Renewable energy: 32% of Total Final Energy Consumption

Energy efficiency: 3.07 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

Source: World Bank, RISE 2022

*https://trackingsdg7.esmap.org
**CZECH REPUBLIC**

**GLOBAL SCORE:**

<table>
<thead>
<tr>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>CZECH REPUBLIC</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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<td>NORWAY</td>
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<td>83</td>
<td>CZECH REPUBLIC</td>
<td>86</td>
<td>OECD HIGH INCOME</td>
<td>86</td>
</tr>
</tbody>
</table>

RISE scores (out of 100) per pillar 2021

**RENEWABLE ENERGY**

- Carbon pricing and monitoring
- Legal framework for renewable energy
- Planning for renewable energy expansion
- Incentives and regulatory support for renewable energy

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring
- National energy efficiency planning
- Incentives and mandates: industrial and commercial end users
- Incentives and mandates: public sector
- Attributes of financial and regulatory incentives
- Network connection and pricing
- Counterparty risk
- Incentives and mandates: energy utility programs

**EVOLUTION OF RISE SCORE SINCE 2010**

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org*

Source: World Bank, RISE 2022
DENMARK
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*
Access to electricity: 100% of population
Access to clean cooking: 100% of population
Renewable energy: 38% of Total Final Energy Consumption
Energy efficiency: 2.00 MJ per US$ PPP 2017

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY
- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 100
- Planning for renewable energy expansion: 100
- Incentives and regulatory support for renewable energy: 94
- Counterparty risk: 93
- Network connection and pricing: 92
- Attributes of financial and regulatory incentives: 94

ENERGY EFFICIENCY
- Carbon pricing and monitoring: 100
- National energy efficiency planning: 83
- Energy efficiency utilities: 80
- Incentives and mandates: industrial and commercial end users: 100
- Incentives and mandates: public sector: 88
- Incentives and mandates: energy utility programs: 67
- Minimum energy efficiency performance standards: 83
- Financing mechanisms for energy efficiency: 67
- Building energy codes: 79
- Energy labeling systems: 100
- Transport sector: 100

EVOLUTION OF RISE SCORE SINCE 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.
*https://tracking4sdg.esmap.org
Source: World Bank, RISE 2022
**RISE scores (out of 100) per pillar 2021**

**ENERGY EFFICIENCY**
- National energy efficiency planning
- Energy efficiency entities
- Energy labeling systems
- Minimum energy efficiency performance standards
- Financing mechanisms for energy efficiency
- Incentives and mandates: public sector
- Incentives and mandates: energy utility programs
- Carbon pricing and monitoring
- Transport sector
- Building energy codes
- Energy efficiency entities

**RENEWABLE ENERGY**
- Legal framework for renewable energy
- Planning for renewable energy expansion
- Incentives and regulatory support for renewable energy
- Attributes of financial and regulatory incentives
- Network connection and pricing
- Counterparty risk
- Carbon pricing and monitoring

**DOMINICAN REPUBLIC**
- Global score: 63
- 2020: 61
- 2021: 63

**DASHBOARD FOR SUSTAINABLE ENERGY**
- Access to electricity: 100% of population
- Access to clean cooking: 92% of population
- Renewable energy: 14% of Total Final Energy Consumption
- Energy efficiency: 2.08 MJ per US$ PPP 2017

**EVOLUTION OF RISE SCORE SINCE 2010**

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

Source: World Bank, RISE 2022

*https://trackingdsgf.esmap.org*
ECUADOR
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

EVOLUTION OF RISE SCORE SINCE 2010

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 99% of population
Access to clean cooking: 94% of population
Renewable energy: 18% of Total Final Energy Consumption
Energy efficiency: 3.26 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.
*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022

Ecuador - Renewable Energy
Ecuador - Energy Efficiency
Latin America & Caribbean - Renewable Energy
Latin America & Caribbean - Energy Efficiency
EGYPT
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2021

<table>
<thead>
<tr>
<th>2021</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>MOROCCO</th>
<th>EGYPT</th>
<th>REGIONAL ONE UP</th>
<th>JORDAN</th>
<th>REGIONAL AVERAGE</th>
<th>MIDDLE EAST &amp; NORTH AFRICA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>60</td>
<td>74</td>
<td>76</td>
<td>80</td>
<td>67</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

RENEWABLE ENERGY

- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 100
- Incentives and regulatory support for renewable energy: 71
- Network connection and pricing: 83
- Attributes of financial and regulatory incentives: 100

ENERGY EFFICIENCY

- Carbon pricing and monitoring: 0
- Energy efficiency entities: 89
- National energy efficiency planning: 92
- Incentives and mandates: public sector: 79
- Incentives and mandates: industrial and commercial end users: 54
- Energy labeling systems: 43
- Energy utility programs: 0
- Minimum energy efficiency performance standards: 38
- Financing mechanisms for energy efficiency: 48
- Energy efficiency entities: 42
- Transport sector: 0
- Buildings energy codes: 17
- Building energy codes: 0

EVOLUTION OF RISE SCORE SINCE 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population
Access to clean cooking: 100% of population
Renewable energy: 5% of Total Final Energy Consumption
Energy efficiency: 3.41 MJ per US$ PPP 2017
EL SALVADOR
GLOBAL SCORE:

RENTERABLE ENERGY
- Carbon pricing and monitoring: 60
- Legal framework for renewable energy: 60
- Transport sector: 46
- Planning for renewable energy expansion: 46
- Incentives and regulatory support for renewable energy: 24
- Attributes of financial and regulatory incentives: 63
- Counterparty risk: 83
- Network connection and pricing: 83

ENERGY EFFICIENCY
- Carbon pricing and monitoring: 0
- National energy efficiency planning: 67
- Energy efficiency utilities: 67
- Incentives and mandates: industrial and commercial end users: 38
- Incentives and mandates: public sector: 38
- Energy labeling systems: 50
- Minimum energy efficiency performance standards: 53
- Financing mechanisms for energy efficiency: 60
- Incentives and mandates: energy utility programs: 60

EVOLUTION OF RISE SCORE SINCE 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7(esmap.org

Source: World Bank, RISE 2022
ERITREA
GLOBAL SCORE:

2019 2021

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 52% of population
Access to clean cooking: 9% of population
Renewable energy: 74% of Total Final Energy Consumption
Energy efficiency: - MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
**ETHIOPIA**

**GLOBAL SCORE:**

<table>
<thead>
<tr>
<th>2021</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>ETHIOPIA</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>60</td>
<td>49</td>
<td>52</td>
<td>54</td>
<td>39</td>
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</tbody>
</table>

RISE scores (out of 100) per pillar 2021

**RENEWABLE ENERGY**

- **Carbon pricing and monitoring:** 50
- **Counterparty risk:** 49
- **Network connection and use:** 40
- **Attributes of financial and regulatory incentives:** 29
- **Legal framework for renewable energy:** 83
- **Planning for renewable energy expansion:** 42
- **Incentives and regulatory support for renewable energy:** 40

**ENERGY EFFICIENCY**

- **Carbon pricing and monitoring:** 50
- **Transport sector:** 89
- **Building energy codes:** 75
- **Energy labeling systems:** 88
- **Minimum energy efficiency performance standards:** 15
- **Incentives and mandates: energy utility programs:** 32
- **Incentives and mandates: industrial and commercial users:** 17

**CLEAN COOKING**

- **Supplier incentives:** 60
- **Financing mechanisms:** 75
- **Labeling:** 60
- **Monitoring and verification:** 100
- **Use of standards:** 80
- **Last-mile distribution:** 83
- **Awareness strategy:** 63
- **Tracking progress:** 75

**ELECTRICITY ACCESS**

- **Utility creditworthiness:** 59
- **Utility transparency and monitoring:** 79
- **Consumer affordability of electricity:** 100
- **Framework for grid electrification:** 83
- **Framework for off-grid systems:** 73
- **Scope of officially approved electrification plan:** 67

**DASHBOARD FOR SUSTAINABLE ENERGY**

- **Access to electricity:** 51% of population
- **Access to clean cooking:** 8% of population
- **Renewable energy:** 89% of Total Final Energy Consumption
- **Energy efficiency:** 7.53 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
**FINLAND GLOBAL SCORE:**

RISE score (out of 100) per pillar 2021

**RENEWABLE ENERGY**

<table>
<thead>
<tr>
<th>Indicator</th>
<th>2021 Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon pricing and monitoring</td>
<td>100</td>
</tr>
<tr>
<td>Legal framework for renewable energy</td>
<td>100</td>
</tr>
<tr>
<td>Planning for renewable energy expansion</td>
<td>92</td>
</tr>
<tr>
<td>Incentives and regulatory support for renewable energy</td>
<td>93</td>
</tr>
<tr>
<td>Network connection and pricing</td>
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<tr>
<td>Attributes of financial and regulatory incentives</td>
<td>82</td>
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</tbody>
</table>

**ENERGY EFFICIENCY**

<table>
<thead>
<tr>
<th>Indicator</th>
<th>2021 Score</th>
</tr>
</thead>
<tbody>
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<td>Carbon pricing and monitoring</td>
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<td>National energy efficiency planning</td>
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<td>Energy efficiency entities</td>
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<td>Energy utility programs</td>
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<tr>
<td>Energy efficiency entitles</td>
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<tr>
<td>Incentives and mandates: industrial and commercial end users</td>
<td>83</td>
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<td>Incentives and mandates: public sector</td>
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<tr>
<td>Incentives and mandates: energy utility programs</td>
<td>75</td>
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<tr>
<td>Minimum energy efficiency performance standards</td>
<td>79</td>
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<tr>
<td>Energy labeling systems</td>
<td>92</td>
</tr>
<tr>
<td>Building energy codes</td>
<td>71</td>
</tr>
<tr>
<td>Transport sector</td>
<td>83</td>
</tr>
</tbody>
</table>

**EVOLUTION OF RISE SCORE SINCE 2010**

DASHBOARD FOR SUSTAINABLE ENERGY*

- Access to electricity: 100% of population
- Access to clean cooking: 100% of population
- Renewable energy: 46% of Total Final Energy Consumption
- Energy efficiency: 5.19 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg.esmap.org

Source: World Bank, RISE 2022
FRANCE
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2021

ENERGY EFFICIENCY

RENEWABLE ENERGY

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population

Access to clean cooking: 100% of population

Renewable energy: 16% of Total Final Energy Consumption

Energy efficiency: 3.29 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022
RISE scores (out of 100) per pillar 2021

Renewable Energy

- Planning for renewable energy expansion: 0 (2019), 80 (2021)
- Incentives and regulatory support for renewable energy: 31 (2019), 46 (2021)
- Legal framework for renewable energy: 0 (2019), 80 (2021)
- Network connection and pricing: 0 (2019), 8 (2021)
- Counterparty risk: 0 (2019), 0 (2021)

Energy Efficiency

- Energy efficiency entities: 0 (2019), 78 (2021)
- Incentives and mandates: industrial and commercial end users: 0 (2019), 17 (2021)
- Energy labeling systems: 0 (2019), 16 (2021)
- Building energy codes: 0 (2019), 13 (2021)
- Financing mechanisms for energy efficiency: 0 (2019), 18 (2021)
- National energy efficiency planning: 0 (2019), 0 (2021)

Evolution of RISE Score Since 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022
**RISE scores (out of 100) per pillar 2021**

**RENEWABLE ENERGY**
- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 100
- Planning for renewable energy expansion: 100
- Incentives and regulatory support for renewable energy: 96
- Attributes of financial and regulatory incentives: 87
- Network connection and pricing: 82
- Counterparty risk: 92

**ENERGY EFFICIENCY**
- Carbon pricing and monitoring: 100
- National energy efficiency planning: 100
- Transport sector: 89
- Building energy codes: 100
- Energy labeling systems: 92
- Minimum energy efficiency performance standards: 60
- Financing mechanisms for energy efficiency: 63
- Incentives and mandates: industrial and commercial end users: 63
- Incentives and mandates: public sector: 100
- Incentives and mandates: energy utility programs: 50

**EVOLUTION OF RISE SCORE SINCE 2010**

**Note:** The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackinggdg.esmap.org*

Source: World Bank, RISE 2022
**RISE scores (out of 100) per pillar 2021**

**GHANA GLOBAL SCORE:**

- **Access to electricity:** 86% of population
- **Access to clean cooking:** 22% of population
- **Renewable energy:** 42% of Total Final Energy Consumption
- **Energy efficiency:** 2.85 MJ per US$ PPP 2017

**RENEWABLE ENERGY**

- **Legal framework for renewable energy**
- **Planning for renewable energy expansion**
- **Incentives and regulatory support for renewable energy**
- **Attributes of financial and regulatory incentives**
- **Counterparty risk**
- **Network connection and use**
- **Carbon pricing and monitoring**

**ENERGY EFFICIENCY**

- **National energy efficiency planning**
- **Energy efficiency entities**
- **Incentives and mandates: industrial and commercial end users**
- **Incentives and mandates: public sector**
- **Incentives and mandates: energy utility programs**
- **Carbon pricing and monitoring**
- **Transport sector**
- **Building energy codes**
- **Energy labeling systems**
- **Minimum energy efficiency performance standards**
- **Funding mechanisms for energy efficiency**

**CLEAN COOKING**

- **Tracking progress**
- **Existence of plan**
- **Institutional capacity**
- **Aspects of the plan**
- **Awareness strategy**
- **Use of standards**
- **Last-mile distribution**
- **Supplier incentives**
- **Financing mechanisms**
- **Labeling**
- **Monitoring and verification**

**ELECTRICITY ACCESS**

- **Utility creditworthiness**
- **Electricity planning**
- **Scope of officially approved electrification plan**
- **Framework for grid electrification**
- **Framework for off-grid systems**
- **Consumer affordability of electricity**
- **Utility transparency and monitoring**

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022*
Greece

Global Score:

### RISE scores (out of 100) per pillar 2021

<table>
<thead>
<tr>
<th>Region</th>
<th>Renewable Energy</th>
<th>Energy Efficiency</th>
</tr>
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<tbody>
<tr>
<td>Global Average</td>
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</tr>
<tr>
<td>United States</td>
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<td>67</td>
</tr>
<tr>
<td>Greece</td>
<td>83</td>
<td>65</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>83</td>
<td>54</td>
</tr>
<tr>
<td>OECD High Income</td>
<td>86</td>
<td></td>
</tr>
</tbody>
</table>

**Renewable Energy**
- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 100
- Planning for renewable energy expansion: 96
- Incentives and regulatory support for renewable energy: 83
- Counterparty risk: 78
- Network connection and pricing: 60

**Energy Efficiency**
- Carbon pricing and monitoring: 100
- Energy efficiency entities: 83
- National energy efficiency planning: 67
- Incentives and mandates: industrial and commercial end users: 50
- Incentives and mandates: public sector: 54
- Incentives and mandates: energy utility programs: 63
- Transport sector: 100
- Building energy codes: 83
- Energy labeling systems: 67
- Minimum energy efficiency performance standards: 99
- Financing mechanisms for energy efficiency: 8

**Evolution of RISE Score Since 2010**

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

* [https://trackingsdg.esmap.org](https://trackingsdg.esmap.org)

Source: World Bank, RISE 2022
GUATEMALA
GLOBAL SCORE:

<table>
<thead>
<tr>
<th>2021</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN NICARAGUA</th>
<th>GUATEMALA</th>
<th>REGIONAL ONE UP VENEZUELA, RB</th>
<th>REGIONAL AVERAGE LATIN AMERICA &amp; CARIBBEAN</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>39</td>
<td>42</td>
<td>43</td>
<td>61</td>
<td></td>
</tr>
</tbody>
</table>

RISE scores (out of 100) per pillar 2021

**RENEWABLE ENERGY**

- **Carbon pricing and monitoring**
  - 2019: 50
  - 2021: 60
- **Counterparty risk**
  - 2019: 79
  - 2021: 67
- **Planning for renewable energy expansion**
  - 2019: 19
  - 2021: 57

**ENERGY EFFICIENCY**

- **National energy efficiency planning**
  - 2019: 13
  - 2021: 13
- **Energy efficiency entities**
  - 2019: 0
  - 2021: 0
- **Incentives and mandates: industrial and commercial users**
  - 2019: 0
  - 2021: 0
- **Incentives and mandates: public sector**
  - 2019: 0
  - 2021: 0

**CLEAN COOKING**

- **Supply incentives**
  - 2019: 20
  - 2021: 75
- **Labeling**
  - 2019: 75
  - 2021: 67
- **Financing mechanisms**
  - 2019: 0
  - 2021: 0

**ELECTRICITY ACCESS**

- **Scope of officially approved electrification plan**
  - 2019: 94
  - 2021: 69
- **Electricity access**
  - 2019: 83
  - 2021: 58

**GLOBAL AVERAGE**

- **Access to electricity:** 97% of population
- **Access to clean cooking:** 50% of population
- **Renewable energy:** 63% of Total Final Energy Consumption
- **Energy efficiency:** 4.24 MJ per US$ PPP 2017

---

*Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022
**GUINEA GLOBAL SCORE:**

**2019**  
Access to electricity: 45% of population  
Access to clean cooking: 2% of population  
Renewable energy: 65% of Total Final Energy Consumption  
Energy efficiency: 5.57 MJ per US$ PPP 2017

---

**DASHBOARD FOR SUSTAINABLE ENERGY**

- **ENERGY EFFICIENCY**
  - Carbon pricing and monitoring: 11
  - Legal framework for renewable energy: 20
  - Planning for renewable energy expansion: 33
  - Counterparty risk: 21
  - Network connection and use: 0
  - Attributes of financial and regulatory incentives: 0

- **RENEWABLE ENERGY**
  - Carbon pricing and monitoring: 0
  - Planning for renewable energy expansion: 20
  - Counterparty risk: 21
  - Network connection and use: 0
  - Attributes of financial and regulatory incentives: 0

- **CLEAN COOKING**
  - Supplier incentives: 0
  - Financing mechanisms: 0
  - Labeling: 0
  - Monitoring and verification: 0
  - Use of standards: 0
  - Last-mile distribution: 0
  - Awareness strategy: 0
  - Tracking progress: 0

- **ELECTRICITY ACCESS**
  - Utility creditworthiness: 0
  - Electrification planning: 15
  - Utility transparency and monitoring: 67
  - Consumer affordability of electricity: 63
  - Framework for off-grid systems: 52
  - Framework for grid electrification: 0

---

**RISE scores (out of 100) per pillar 2021**

- **GLOBAL AVERAGE**
  - 60

- **REGIONAL ONE DOWN**
  - SOMALIA: 18

- **GUINEA**
  - 19

- **REGIONAL ONE UP**
  - CENTRAL AFRICAN REPUBLIC: 23

- **REGIONAL AVERAGE**
  - SUB-SAHARAN AFRICA: 39

---

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsg7.esmap.org*

Source: World Bank, RISE 2022
HAITI
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2021

<table>
<thead>
<tr>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>HAITI</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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<tbody>
<tr>
<td>60</td>
<td>N/A</td>
<td>28</td>
<td>35</td>
<td>61</td>
</tr>
</tbody>
</table>

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 0%
- Counterparty risk: 0%
- Network connection and use: 20%
- Attributes of financial and regulatory incentives: 60%
- Legal framework for renewable energy: 60%
- Planning for renewable energy expansion: 33%
- Incentives and regulatory support for renewable energy: 20%

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 0%
- Energy efficiency entities: 0%
- National energy efficiency planning: 0%
- Transport sector: 0%
- Building energy codes: 0%
- Energy labeling systems: 100%
- Minimum energy efficiency performance standards: 0%
- Incentives and mandates: industrial and commercial end users: 0%
- Incentives and mandates: public sector: 20%
- Incentives and mandates: energy utility programs: 0%

**CLEAN COOKING**

- Supplier incentives: 0%
- Financing mechanisms: 100%
- Labeling: 20%
- Use of standards: 0%
- Monitoring and verification: 0%
- Last-mile distribution: 0%
- Institutional capacity: 67%
- Awareness strategy: 0%
- Awareness: 100%
- Tracking progress: 0%
- Existence of plan: 40%
- Aspects of the plan: 0%
- Consumer affordability of electricity: 20%
- Institutional capacity: 83%
- Use of standards: 0%
- Awareness: 100%

**ELECTRICITY ACCESS**

- Utility creditworthiness: 0%
- Electrification planning: 0%
- Utility transparency and monitoring: 0%
- Scope of officially approved electrification plan: 43%
- Consumer affordability of electricity: 0%
- Framework for grid electrification: 0%
- Framework for mini grid systems: 50%
- Framework for off-grid systems: 0%
- Use of standards: 0%
- Awareness: 100%
- Aspects of the plan: 0%
- Consumer affordability of electricity: 0%
- Institutional capacity: 83%
- Use of standards: 0%
- Awareness: 100%
- Awareness strategy: 0%

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022

**DASHBOARD FOR SUSTAINABLE ENERGY**

- Access to electricity: 47% of population
- Access to clean cooking: 4% of population
- Renewable energy: 76% of Total Final Energy Consumption
- Energy efficiency: 5.80 MJ per US$ PPP 2017
HONDURAS
GLOBAL SCORE:

HONDURAS

RENTERABLE ENERGY

ENERGY EFFICIENCY

CLEAN COOKING

ELECTRICITY ACCESS

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 93% of population
Access to clean cooking: 48% of population
Renewable energy: 46% of Total Final Energy Consumption
Energy efficiency: 4.30 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
**HUNGARY**

**GLOBAL SCORE:**

<table>
<thead>
<tr>
<th>Year</th>
<th>Global Average</th>
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<th>HUNGARY</th>
<th>Regional One Up</th>
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<tr>
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**RISE scores (out of 100) per pillar 2021**

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 75
- Planning for renewable energy expansion: 100
- Incentives and regulatory support for renewable energy: 74
- Attributes of financial and regulatory incentives: 60

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 100
- National energy efficiency planning: 100
- Energy efficiency enablers: 88
- Incentives and mandates: public sector: 25
- Incentives and mandates: industrial and commercial end users: 100
- Energy labeling systems: 77
- Building energy codes: 100
- Minimum energy efficiency performance standards: 100
- Financing mechanisms for energy efficiency: 100

**EVOLUTION OF RISE SCORE SINCE 2010**

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Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg.esmap.org*

Source: World Bank, RISE 2022
INDIA
GLOBAL SCORE:

**RENEWABLE ENERGY**

- **Carbon pricing and monitoring**: 100
- **Counterparty risk**: 72
- **Network connection and use**: 88
- **Attributes of financial and regulatory incentives**: 92
- **Legal framework for renewable energy**: 100
- **Planning for renewable energy expansion**: 78
- **Incentives and regulatory support for renewable energy**: 89

**ENERGY EFFICIENCY**

- **Carbon pricing and monitoring**: 100
- **Energy efficiency entities**: 98
- **National energy efficiency planning**: 100
- **Incentives and mandates**: industrial and commercial end users
- **Incentives and mandates**: public sector
- **Incentives and mandates**: energy utility programs

**CLEAN COOKING**

- **Supplier incentives**: 100
- **Financing mechanisms**: 75
- **Labeling**: 80
- **Monitoring and verification**: 80
- **Use of standards**: 75
- **Awareness strategy**: 29
- **Tracking progress**: 88

**ELECTRICITY ACCESS**

- **Utility creditworthiness**: 15
- **Utility transparency and monitoring**: 100
- **Consumer affordability of electricity**: 81
- **Framework for off-grid systems**: 70
- **Framework for grid electrification**: 67
- **Scope of officially approved electrification plan**: 29

**GLOBAL SCORE**

- **Access to electricity**: 99% of population
- **Access to clean cooking**: 68% of population
- **Renewable energy**: 33% of Total Final Energy Consumption
- **Energy efficiency**: 4.28 MJ per US$ PPP 2017

**INDIA**

- **Access to electricity**: 99% of population
- **Access to clean cooking**: 68% of population
- **Renewable energy**: 33% of Total Final Energy Consumption
- **Energy efficiency**: 4.28 MJ per US$ PPP 2017

**REGIONAL AVERAGE**

- **SOUTH ASIA**: 48

**RISE scores (out of 100) per pillar 2021**

**GLOBAL AVERAGE**

- **Globally**: 78

**REGIONAL ONE DOWN**

- **SRI LANKA**: 62

**REGIONAL ONE UP**

- **INDIA**: 78

**REGIONAL AVERAGE**

- **SOUTH ASIA**: 48

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Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org*

Source: World Bank, RISE 2022
INDONESIA
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 97% of population
Access to clean cooking: 84% of population
Renewable energy: 19% of Total Final Energy Consumption
Energy efficiency: 3.16 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022
IRAN
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

<table>
<thead>
<tr>
<th>Access to electricity:</th>
<th>100% of population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Access to clean cooking:</td>
<td>96% of population</td>
</tr>
<tr>
<td>Renewable energy:</td>
<td>1% of Total Final Energy Consumption</td>
</tr>
<tr>
<td>Energy efficiency:</td>
<td>11.12 MJ per US$ PPP 2017</td>
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**Regional trends**

<table>
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<th>2021</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>UNITED ARAB EMIRATES</th>
<th>IRAN</th>
<th>REGIONAL ONE UP</th>
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<tbody>
<tr>
<td>60</td>
<td>81</td>
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<td>84</td>
<td>N/A</td>
<td>67</td>
<td>MIDDLE EAST &amp; NORTH AFRICA</td>
</tr>
</tbody>
</table>

RISE scores (out of 100) per pillar 2021

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 50
- Legal framework for renewable energy: 80
- Planning for renewable energy expansion: 100
- Incentives and regulatory support for renewable energy: 85
- Attributes of financial and regulatory incentives: 93
- Counterparty risk: 67
- Network connection and pricing: 100
- Iran - Renewable Energy: 82

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 67
- National energy efficiency planning: 100
- Energy efficiency entities: 82
- Incentives and mandates: industrial and commercial end users: 71
- Incentives and mandates: public sector: 88
- Incentives and mandates: energy utility programs: 25
- Transportation sector: 69
- Building energy codes: 72
- Energy labeling systems: 92
- Minimum energy efficiency performance standards: 92
- Financing mechanisms for energy efficiency: 68
- Iran - Energy Efficiency: 69

**EVOLUTION OF RISE SCORE SINCE 2010**

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022
IRELAND
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population
Access to clean cooking: 100% of population
Renewable energy: 12% of Total Final Energy Consumption
Energy efficiency: 1.32 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022

EVOLUTION OF RISE SCORE SINCE 2010
ISRAEL
GLOBAL SCORE:

Rise scores (out of 100) per pillar 2021

GLOBAL AVERAGE
REGIONAL ONE DOWN
SWEDEN
ISRAEL
REGIONAL ONE UP
JAPAN
REGIONAL AVERAGE
OECD HIGH INCOME

2021
60
79
80
82
86

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

EVOLUTION OF RISE SCORE SINCE 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

Source: World Bank, RISE 2022

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population
Access to clean cooking: 100% of population
Renewable energy: 5% of Total Final Energy Consumption
Energy efficiency: 2.51 MJ per US$ PPP 2017

*https://trackingsg7.esmap.org
ITALY
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population
Access to clean cooking: 100% of population
Renewable energy: 17% of Total Final Energy Consumption
Energy efficiency: 2.45 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.
*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
RISE scores (out of 100) per pillar 2021

JAMAICA
GLOBAL SCORE:

GLOBAL AVERAGE
REGIONAL ONE DOWN
EL SALVADOR
JAMAICA
REGIONAL ONE UP
PANAMA
REGIONAL AVERAGE
LATIN AMERICA & CARIBBEAN

2021
60
68
69
71
61

RISE scores (out of 100) per pillar 2021

ENERGY EFFICIENCY

ENERGY EFFICIENCY

EVOLUTION OF RISE SCORE SINCE 2010

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population
Access to clean cooking: 83% of population
Renewable energy: 9% of Total Final Energy Consumption
Energy efficiency: 4.45 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022
JAPAN
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*
Access to electricity: 100% of population
Access to clean cooking: 100% of population
Renewable energy: 8% of Total Final Energy Consumption
Energy efficiency: 3.33 MJ per US$ PPP 2017

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

EVOLUTION OF RISE SCORE SINCE 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.
*https://trackingstd7.esmap.org
Source: World Bank, RISE 2022
JORDAN
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population
Access to clean cooking: 100% of population
Renewable energy: 8% of Total Final Energy Consumption
Energy efficiency: 3.80 MJ per US$ PPP 2017

2021

GLOBAL AVERAGE  REGIONAL ONE DOWN  JORDAN  REGIONAL ONE UP  REGIONAL AVERAGE

EGYPT  JORDAN  TUNISIA  MIDDLE EAST & NORTH AFRICA

60  76  80  81  67

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

EVOLUTION OF RISE SCORE SINCE 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingidg7.esmap.org
Source: World Bank, RISE 2022
KAZAKHSTAN

GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population
Access to clean cooking: 93% of population
Renewable energy: 2% of Total Final Energy Consumption
Energy efficiency: 6.27 MJ per US$ PPP 2017

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

E V O L U T I O N O F R I S E S C O R E S I N C E 2 0 1 0

Note: The overall country score is based on the average score of Electricty Access, Energy Efficiency and Renewable Energy indicators.
*https://trackingsgd7.esmap.org
Source: World Bank, RISE 2022
KENYA GLOBAL SCORE:

Access to electricity: 71% of population
Access to clean cooking: 20% of population
Renewable energy: 68% of Total Final Energy Consumption
Energy efficiency: 5.31 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

Source: World Bank, RISE 2022
KOREA, REP.
GLOBAL SCORE:

<table>
<thead>
<tr>
<th>Year</th>
<th>Global Average</th>
<th>Regional One Down</th>
<th>Korea, Rep.</th>
<th>Regional One Up</th>
<th>Regional Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>2021</td>
<td>60</td>
<td>89</td>
<td>91</td>
<td>91</td>
<td>86</td>
</tr>
</tbody>
</table>

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 100
- Planning for renewable energy expansion: 88
- Incentives and regulatory support for renewable energy: 60

ENERGY EFFICIENCY

- Carbon pricing and monitoring: 100
- National energy efficiency planning: 93
- Energy efficiency utilities: 100
- Incentives and mandates: industrial and commercial end users: 84
- Incentives and mandates: public sector: 87
- Incentives and mandates: energy utility programs: 55

EVOLUTION OF RISE SCORE SINCE 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingisdg.esmap.org

Source: World Bank, RISE 2022
RISE scores (out of 100) per pillar 2021

**KOSOVO GLOBAL SCORE:**

<table>
<thead>
<tr>
<th>2021</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>KOSOVO</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>60</td>
<td>63</td>
<td>64</td>
<td>66</td>
<td>67</td>
</tr>
</tbody>
</table>

**RENEWABLE ENERGY**

- **Carbon pricing and monitoring:** 0
- **Legal framework for renewable energy:** 80
- **Planning for renewable energy expansion:** 75
- **Incentives and regulatory support for renewable energy:** 50
- **Attributes of financial and regulatory incentives:** 42

**ENERGY EFFICIENCY**

- **Carbon pricing and monitoring:** 0
- **National energy efficiency planning:** 89
- **Energy efficiency entities:** 92
- **Incentives and mandates: industrial and commercial end users:** 0
- **Incentives and mandates: public sector:** 38
- **Minimum energy efficiency performance standards:** 50
- **Financing mechanisms for energy efficiency:** 75

**EVOLUTION OF RISE SCORE SINCE 2010**

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
**Kuwait Global Score:**

<table>
<thead>
<tr>
<th>2021</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>KUWAIT</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>60</td>
<td>55</td>
<td>56</td>
<td>61</td>
<td>67</td>
</tr>
</tbody>
</table>

**RISE scores (out of 100) per pillar 2021**

**Renewable Energy**
- Carbon pricing and monitoring: 50
- National energy efficiency planning: 60
- Planning for renewable energy expansion: 27
- Incentives and regulatory support for renewable energy: 17
- Attributes of financial and regulatory incentives: 38

**Energy Efficiency**
- National energy efficiency planning: 50
- Carbon pricing and monitoring: 62
- Transport sector: 51
- Energy efficiency policies: 38
- Building energy codes: 17
- Energy labeling systems: 13
- Minimum energy efficiency performance standards: 25
- Financing mechanisms for energy efficiency: 15

**Evolution of RISE Score since 2010**

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

Source: World Bank, RISE 2022
KYRGYZ REPUBLIC
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

EVOLUTION OF RISE SCORE SINCE 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

Source: World Bank, RISE 2022
LAO PDR
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2021

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population
Access to clean cooking: 8% of population
Renewable energy: 48% of Total Final Energy Consumption
Energy efficiency: 4.35 MJ per US$ PPP 2017

2021

<table>
<thead>
<tr>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN MYANMAR</th>
<th>LAO PDR</th>
<th>REGIONAL ONE UP CAMBODIA</th>
<th>REGIONAL AVERAGE EAST ASIA &amp; PACIFIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>35</td>
<td>38</td>
<td>46</td>
<td>50</td>
</tr>
</tbody>
</table>

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
LEBANON GLOBAL SCORE:

**DASHBOARD FOR SUSTAINABLE ENERGY**

- Access to electricity: **100%** of population
- Access to clean cooking: **100%** of population
- Renewable energy: **6%** of Total Final Energy Consumption
- Energy efficiency: **3.62 MJ per US$ PPP 2017**

**Evolution of RISE Score since 2010**

**Note:** The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg.esmap.org
Source: World Bank, RISE 2022*
RISE scores (out of 100) per pillar 2021

**LIBERIA**

**GLOBAL SCORE:**

2019: 31
2021: 31

---

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 80
- Counterparty risk: 25
- Network connection and use: 18
- Legal framework for renewable energy: 71
- Planning for renewable energy expansion: 50
- Incentives and regulatory support for renewable energy: 8

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 33
- National energy efficiency planning: 13
- Energy efficiency entities: 0
- Incentives and mandates: industrial and commercial end users: 0
- Incentives and mandates: public sector: 0
- Incentives and mandates: energy utility programs: 8
- Minimum energy efficiency performance standards: 0

**CLEAN COOKING**

- Supplier incentives: 80
- Financing mechanisms: 20
- Labeling: 100
- Monitoring and verification: 0
- Use of standards: 63
- Last-mile distribution: 0
- Awareness strategy: 80
- Institutional capacity: 80
- Existence of plan: 0
- Tracking progress: 0

**ELECTRICITY ACCESS**

- Utility creditworthiness: 88
- Electrification planning: 60
- Scope of officially approved electrification plan: 0
- Framework for off-grid systems: 80
- Framework for grid electrification: 70
- Consumer affordability of electricity: 55
- Framework for mini grids: 17

---

**DASHBOARD FOR SUSTAINABLE ENERGY**

Access to electricity: **28%** of population
Access to clean cooking: **0%** of population
Renewable energy: **87%** of Total Final Energy Consumption
Energy efficiency: **14.33** MJ per US$ PPP 2017

---

**LIBERIA**

Access to electricity: **28%** of population
Access to clean cooking: **0%** of population
Renewable energy: **87%** of Total Final Energy Consumption
Energy efficiency: **14.33** MJ per US$ PPP 2017

**GLOBAL AVERAGE**

- **GLOBAL AVERAGE:** 60
- **REGIONAL ONE DOWN:** 31
- **LIBERIA:** 31
- **REGIONAL ONE UP:** 36
- **REGIONAL AVERAGE:** 39

---

**Note:** The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
MADAGASCAR
GLOBAL SCORE:

2021

GLOBAL AVERAGE
REGIONAL ONE DOWN
CONGO, REP.
MADAGASCAR
REGIONAL ONE UP
SOMALIA
REGIONAL AVERAGE
SUB-SAHARAN AFRICA

2021
60
14
17
18
39

RISE scores (out of 100) per pillar 2021

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 34% of population
Access to clean cooking: 1% of population
Renewable energy: 83% of Total Final Energy Consumption
Energy efficiency: 8.56 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
**RISE scores (out of 100) per pillar 2021**

**MALAWI**

**GLOBAL AVERAGE**

**REGIONAL ONE DOWN GHANA**

**REGIONAL ONE UP SOUTH AFRICA**

**REGIONAL AVERAGE SUB-SAHARAN AFRICA**

<table>
<thead>
<tr>
<th>RENEWABLE ENERGY</th>
<th>ENERGY EFFICIENCY</th>
<th>CLEAN COOKING</th>
<th>ELECTRICITY ACCESS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GLOBAL AVERAGE</strong></td>
<td><strong>REGIONAL ONE DOWN GHANA</strong></td>
<td><strong>REGIONAL ONE UP SOUTH AFRICA</strong></td>
<td><strong>REGIONAL AVERAGE SUB-SAHARAN AFRICA</strong></td>
</tr>
<tr>
<td><strong>2021</strong></td>
<td><strong>60</strong></td>
<td><strong>59</strong></td>
<td><strong>64</strong></td>
</tr>
<tr>
<td><strong>Access to electricity:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>15%</strong> of population</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Access to clean cooking:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>1%</strong> of population</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Renewable energy:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>73%</strong> of Total Final Energy Consumption</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Energy efficiency:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>3.18</strong> MJ per US$ PPP 2017</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency, and Renewable Energy indicators.

*https://trackingsdg7.esmap.org*

Source: World Bank, RISE 2022
RISE scores (out of 100) per pillar 2021

MALAYSIA
GLOBAL SCORE:

2021
GLOBAL AVERAGE 60 REGIONAL ONE DOWN THAILAND 71 MALAYSIA 71 REGIONAL ONE UP CHINA 77 REGIONAL AVERAGE EAST ASIA & PACIFIC 50

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

EVOLUTION OF RISE SCORE SINCE 2010

Note: The overall country score is based on the average score of Electricty Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg.esmap.org
Source: World Bank, RISE 2022

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population
Access to clean cooking: 96% of population
Renewable energy: 5% of Total Final Energy Consumption
Energy efficiency: 4.25 MJ per US$ PPP 2017
**RISE scores (out of 100) per pillar 2021**

<table>
<thead>
<tr>
<th></th>
<th>2021</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLOBAL AVERAGE</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>REGIONAL ONE DOWN NEPAL</td>
<td>42</td>
<td></td>
</tr>
<tr>
<td>MALDIVES</td>
<td>47</td>
<td></td>
</tr>
<tr>
<td>REGIONAL ONE UP BANGLADESH</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>REGIONAL AVERAGE SOUTH ASIA</td>
<td>48</td>
<td></td>
</tr>
</tbody>
</table>

**Maldives - Renewable Energy**

- Access to electricity: 100% of population
- Renewable energy: 1% of Total Final Energy Consumption
- Energy efficiency: 2.69 MJ per US$ PPP 2017

**Evolution of RISE Score Since 2010**

**Note:** The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022
**MALI**

**GLOBAL SCORE:**

![DASHBOARD FOR SUSTAINABLE ENERGY](https://trackingsdg7.esmap.org)

- **Access to electricity:** 51% of population
- **Access to clean cooking:** 1% of population
- **Renewable energy:** 77% of Total Final Energy Consumption
- **Energy efficiency:** 4.59 MJ per US$ PPP 2017

### 2021

<table>
<thead>
<tr>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>MALI</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>36</td>
<td>37</td>
<td>37</td>
<td>39</td>
</tr>
</tbody>
</table>

RISE scores (out of 100) per pillar 2021

### RENEWABLE ENERGY

- **Carbon pricing and monitoring:** 0
- **Legal framework for renewable energy:** 60
- **Network connection and use:** 7
- **Counterparty risk:** 10
- **Planning for renewable energy expansion:** 88
- **Incentives and regulatory support for renewable energy:** 35
- **Attributes of financial and regulatory incentives:** 65

### ENERGY EFFICIENCY

- **National energy efficiency planning:** 67
- **Incentives and mandates: public sector:** 33
- **Incentives and mandates: industrial and commercial end users:** 17
- **Incentives and mandates: energy utility programs:** 45
- **Minimum energy efficiency performance standards:** 67
- **Energy labeling systems:** 0
- **Building energy codes:** 0
- **Transport sector:** 0
- **Carbon pricing and monitoring:** 0

### CLEAN COOKING

- **Tracking progress:** 0
- **Use of standards:** 60
- **Labeling:** 50
- **Monitoring and verification:** 40
- **Awareness strategy:** 75
- **Last-mile distribution:** 80
- **Institutional capacity:** 80
- **Existence of plan:** 50
- **Supplier incentives:** 20
- **Financing mechanisms:** 0

### ELECTRICITY ACCESS

- **Electrification planning:** 69
- **Frame of grid electrification:** 17
- **Framework for mini grids:** 45
- **Scope of officially approved electrification plan:** 70
- **Consumer affordability of electricity:** 66
- **Utility transparency and monitoring:** 31
- **Utility creditworthiness:** 0

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*Source: World Bank, RISE 2022*
**MAURITANIA**

**GLOBAL SCORE:**

<table>
<thead>
<tr>
<th>2019</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>28</td>
<td>28</td>
</tr>
</tbody>
</table>

**DASHBOARD FOR SUSTAINABLE ENERGY**

- Access to electricity: **47%** of population
- Access to clean cooking: **43%** of population
- Renewable energy: **25%** of Total Final Energy Consumption
- Energy efficiency: **3.24 MJ per US$ PPP 2017**

**RISE scores (out of 100) per pillar 2021**

<table>
<thead>
<tr>
<th></th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>MAURITANIA</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2021</td>
<td>60</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>39</td>
</tr>
</tbody>
</table>

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 60
- Counterparty risk: 38
- Network connection and use: 100
- Legal framework for renewable energy: 60
- Planning for renewable energy expansion: 39
- Incentives and regulatory support for renewable energy: 58

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 100
- National energy efficiency planning: 0
- Energy efficiency entities: 8
- Incentives and mandates: industrial and commercial end users: 0
- Incentives and mandates: public sector: 43
- Minimum energy efficiency performance standards: 0
- Financing mechanisms for energy efficiency: 0

**CLEAN COOKING**

- Supplier incentives: 100
- Use of standards: 20
- Labeling: 33
- Monitoring and verification: 40
- Awareness strategy: 10
- Last-mile distribution: 88
- Institutional capacity: 20
- Existence of plan: 20
- Awareness strategy: 20

**ELECTRICITY ACCESS**

- Use of standards: 75
- Scope of officially approved electrification plan: 10
- Framework for mini grids: 33
- Framework for off-grid systems: 0
- Consumer affordability of electricity: 65
- Electrification planning: 25
- Utility transparency and monitoring: 0
- Utility creditworthiness: 0

**Attributes of financial and regulatory incentives**

- Attributes of financial and regulatory incentives: 39

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022
RISE scores (out of 100) per pillar 2021

**ENERGY EFFICIENCY**
- Carbon pricing and monitoring
- Legal framework for renewable energy
- Planning for renewable energy expansion
- Incentives and regulatory support for renewable energy
- Attributes of financial and regulatory incentives

**RENEWABLE ENERGY**
- Counterparty risk
- Network connection and pricing
- Incentives and mandates: energy utility programs

**MEXICO**
- **2021**
  - **60** (Global Average)
  - **82** (Regional One Down Brazil)
  - **85** (Mexico)
  - **N/A** (Regional One Up)
  - **61** (Regional Average Latin America & Caribbean)

**EVOLUTION OF RISE SCORE SINCE 2010**

**DASHBOARD FOR SUSTAINABLE ENERGY**
- Access to electricity: 99% of population
- Access to clean cooking: 85% of population
- Renewable energy: 10% of Total Final Energy Consumption
- Energy efficiency: 3.06 MJ per US$ PPP 2017

**Note**: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*Source: World Bank, RISE 2022*
MOLDOVA
GLOBAL SCORE:

RENEWABLE ENERGY

ENERGY EFFICIENCY

EVOLUTION OF RISE SCORE SINCE 2010

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population
Access to clean cooking: 96% of population
Renewable energy: 22% of Total Final Energy Consumption
Energy efficiency: 4.83 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg.esmap.org

Source: World Bank, RISE 2022
MONGOLIA
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2021

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 98% of population
Access to clean cooking: 52% of population
Renewable energy: 3% of Total Final Energy Consumption
Energy efficiency: 7.01 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.
*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
RISE scores (out of 100) per pillar 2021

**GLOBAL AVERAGE**
- **REGIONAL ONE DOWN**
  - Bosnia and Herzegovina: 67
- **MONTENEGRO**
  - 68
- **REGIONAL ONE UP**
  - Armenia: 69
- **REGIONAL AVERAGE**
  - Europe & Central Asia: 67

**RENEWABLE ENERGY**
- Carbon pricing and monitoring: 46
- Legal framework for renewable energy: 46
- Planning for renewable energy expansion: 39
- Incentives and regulatory support for renewable energy: 31
- Attributes of financial and regulatory incentives: 33
- Counterparty risk: 31
- Network connection and pricing: 33

**ENERGY EFFICIENCY**
- Carbon pricing and monitoring: 50
- National energy efficiency planning: 50
- Energy efficiency entities: 33
- Energy utility programs: 33
- Incentives and mandates: industrial and commercial end users: 25
- Incentives and mandates: public sector: 25
- Energy labeling systems: 33
- Financing mechanisms for energy efficiency: 63
- Minimum energy efficiency performance standards: 92

**EVOLUTION OF RISE SCORE SINCE 2010**

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsgd7.esmap.org

Source: World Bank, RISE 2022
RISE scores (out of 100) per pillar 2021

**ENERGY EFFICIENCY**
- Access to electricity: 100% of population
- Access to clean cooking: 98% of population
- Renewable energy: 11% of Total Final Energy Consumption
- Energy efficiency: 3.34 MJ per US$ PPP 2017

**RENEWABLE ENERGY**

**EVOLUTION OF RISE SCORE SINCE 2010**

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
MOZAMBIQUE
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 31% of population
Access to clean cooking: 5% of population
Renewable energy: 78% of Total Final Energy Consumption
Energy efficiency: 11.93 MJ per US$ PPP 2017

MOZAMBIQUE

Access to electricity: 31% of population
Access to clean cooking: 5% of population
Renewable energy: 78% of Total Final Energy Consumption
Energy efficiency: 11.93 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
### DASHBOARD FOR SUSTAINABLE ENERGY*

**Access to electricity:** 70% of population  
**Access to clean cooking:** 31% of population  
**Renewable energy:** 58% of Total Final Energy Consumption  
**Energy efficiency:** 3.58 MJ per US$ PPP 2017

<table>
<thead>
<tr>
<th>MYANMAR</th>
<th>REGIONAL ONE DOWN</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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<tbody>
<tr>
<td>35</td>
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**2021**

<table>
<thead>
<tr>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>MYANMAR</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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</thead>
<tbody>
<tr>
<td>60</td>
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<td>35</td>
<td>38</td>
<td>50</td>
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</tbody>
</table>

*Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.*

*https://trackingsdg7.esmap.org  
Source: World Bank, RISE 2022
NEPAL
GLOBAL SCORE:

2019: 36
2021: 42

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 90% of population
Access to clean cooking: 35% of population
Renewable energy: 77% of Total Final Energy Consumption
Energy efficiency: 5.23 MJ per US$ PPP 2017

GLOBAL AVERAGE
REGIONAL ONE DOWN PAKISTAN
REGIONAL ONE UP MALDIVES
REGIONAL AVERAGE SOUTH ASIA

2021
60
31
42
47
48

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

<table>
<thead>
<tr>
<th>Indicator</th>
<th>2019</th>
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<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon pricing and monitoring</td>
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<td>Counterparty risk</td>
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<td>42</td>
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<tr>
<td>Network connection and use</td>
<td>19</td>
<td>19</td>
<td>29</td>
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<tr>
<td>Attributes of financial and regulatory incentives</td>
<td>57</td>
<td>57</td>
<td>45</td>
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<tr>
<td>Legal framework for renewable energy</td>
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<td>0</td>
<td>29</td>
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<tr>
<td>Planning for renewable energy expansion</td>
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<td>42</td>
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<tr>
<td>Incentives and regulatory support for renewable energy</td>
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<tr>
<td>Renewable energy</td>
<td>57</td>
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ENERGY EFFICIENCY

<table>
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<th>Indicator</th>
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<th>Score</th>
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<td>Building energy codes</td>
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<td>Energy labeling systems</td>
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<tr>
<td>Minimum energy efficiency performance standards</td>
<td>0</td>
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</tr>
<tr>
<td>Energy efficiency entities</td>
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</tr>
<tr>
<td>National energy efficiency planning</td>
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</tr>
<tr>
<td>Incentives and mandates: industrial and commercial end users</td>
<td>0</td>
<td>0</td>
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</tr>
<tr>
<td>Incentives and mandates: public sector</td>
<td>0</td>
<td>0</td>
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</tr>
<tr>
<td>Financing mechanisms for energy efficiency</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Incentives and mandates: energy utility programs</td>
<td>0</td>
<td>0</td>
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</tr>
<tr>
<td>Institutional capacity</td>
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</tr>
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<td>Awareness strategy</td>
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<tr>
<td>Aspects of the plan</td>
<td>88</td>
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<td>75</td>
</tr>
<tr>
<td>Use of standards</td>
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<td>60</td>
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<tr>
<td>Last-mile distribution</td>
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<td>75</td>
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<tr>
<td>Monitoring and verification</td>
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CLEAN COOKING

<table>
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<th>Score</th>
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<tbody>
<tr>
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<td>Labeling</td>
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<tr>
<td>Use of standards</td>
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<tr>
<td>Awareness strategy</td>
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<tr>
<td>Institutional capacity</td>
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<td>0</td>
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<tr>
<td>Aspects of the plan</td>
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<td>88</td>
<td>75</td>
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<tr>
<td>Last-mile distribution</td>
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<td>75</td>
<td>60</td>
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ELECTRICITY ACCESS

<table>
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<th>Score</th>
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<td>Scope of officially approved electrification plan</td>
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<td>83</td>
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<td>Framework for grid electrification</td>
<td>0</td>
<td>0</td>
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<td>Framework for off-grid systems</td>
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<td>Consumer affordability of electricity</td>
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<tr>
<td>Institutional capacity</td>
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<td>0</td>
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<td>Aspects of the plan</td>
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<td>Use of standards</td>
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<td>Awareness strategy</td>
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Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.
*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
NETHERLANDS
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population
Access to clean cooking: 100% of population
Renewable energy: 9% of Total Final Energy Consumption
Energy efficiency: 3.05 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

Source: World Bank, RISE 2022

*https://trackingsdg7.esmap.org
### NEW ZEALAND

**GLOBAL SCORE:**

<table>
<thead>
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<th>Year</th>
<th>Global Average</th>
<th>Poland</th>
<th>New Zealand</th>
<th>Sweden</th>
<th>OECD High Income</th>
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<tbody>
<tr>
<td>2021</td>
<td>60</td>
<td>70</td>
<td>74</td>
<td>79</td>
<td>86</td>
</tr>
</tbody>
</table>

#### RENEWABLE ENERGY

- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 100
- Planning for renewable energy expansion: 88
- Incentives and regulatory support for renewable energy: 78
- Attributes of financial and regulatory incentives: 33
- Network connection and pricing: 0

#### ENERGY EFFICIENCY

- Carbon pricing and monitoring: 100
- National energy efficiency planning: 78
- Incentives and mandates: industrial and commercial end users: 25
- Incentives and mandates: public sector: 25
- Incentives and mandates: energy utility programs: 13
- Energy efficiency entities: 100
- Incentives and mandates: energy utility programs: 50
- Building energy codes: 17
- Energy labeling systems: 100
- Minimum energy efficiency performance standards: 82
- Financing mechanisms for energy efficiency: 35

#### EVOLUTION OF RISE SCORE SINCE 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*Source: World Bank, RISE 2022*
NICARAGUA
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*
Access to electricity: 89% of population
Access to clean cooking: 56% of population
Renewable energy: 51% of Total Final Energy Consumption
Energy efficiency: 4.68 MJ per US$ PPP 2017

2021
GLOBAL AVERAGE
REGIONAL ONE DOWN
HONDURAS
NICARAGUA
REGIONAL ONE UP
GUATEMALA
REGIONAL AVERAGE
LATIN AMERICA & CARIBBEAN
60
35
39
42
61

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

CLEAN COOKING

ELECTRICITY ACCESS

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
NIGER
GLOBAL SCORE:

Access to electricity: 19% of population
Access to clean cooking: 2% of population
Renewable energy: 31% of Total Final Energy Consumption
Energy efficiency: 4.99 MJ per US$ PPP 2017

RENEWABLE ENERGY

Energy efficiency entities
Incentives and mandates: energy utility programs
Incentives and mandates: public sector
Incentives and mandates: industrial and commercial end users
National energy efficiency planning
Carbon pricing and monitoring
Transport sector
Energy labeling systems
Minimum energy efficiency performance standards
Financing mechanisms for energy efficiency
Incentives and regulatory support for renewable energy
Planning for renewable energy expansion
Legal framework for renewable energy
Counterparty risk
Network connection and use
Attributes of financial and regulatory incentives

ENERGY EFFICIENCY

Regional average
Sub-Saharan Africa
Regional one up
Senegal
Regional one down
Cameroon
Global average

CLEAN COOKING

Tracking progress
Existence of plan
Institutional capacity
Aspects of the plan
Awareness strategy
Use of standards
Last-mile distribution
Monitoring and verification
Labeling
Financing mechanisms
Supplier incentives

ELECTRICITY ACCESS

Scope of officially approved electrification plan
Framework for grid electrification
Framework for off-grid systems
Consumer affordability of electricity
Utility transparency and monitoring
Utility creditworthiness
Electrification planning
55
25
67
40
33
68
62
60
40
42
43
39
60
40
42

RISE scores (out of 100) per pillar 2021

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
NIGERIA
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 55% of population
Access to clean cooking: 15% of population
Renewable energy: 81% of Total Final Energy Consumption

GLOBAL AVERAGE | REGIONAL ONE DOWN | NIGERIA | REGIONAL ONE UP | REGIONAL AVERAGE
---|---|---|---|---
2021 | 60 | 55 | 56 | 39

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

CLEAN COOKING

ELECTRICITY ACCESS

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.
*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
NORTH MACEDONIA
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*
Access to electricity: **100%** of population
Access to clean cooking: **78%** of population
Renewable energy: **16%** of Total Final Energy Consumption
Energy efficiency: **3.39** MJ per US$ PPP 2017

**RISE scores (out of 100) per pillar 2021**

**RENEWABLE ENERGY**

**ENERGY EFFICIENCY**

**EVOLUTION OF RISE SCORE SINCE 2010**

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
NORWAY
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 75
- Planning for renewable energy expansion: 71
- Incentives and regulatory support for renewable energy: 85
- Attributes of financial and regulatory incentives: 90

ENERGY EFFICIENCY

- Carbon pricing and monitoring: 100
- National energy efficiency planning: 69
- Transport sector: 100
- Energy efficiency utilities: 42
- Building energy codes: 67
- Energy labeling systems: 69
- Minimum energy efficiency performance standards: 50
- Financing mechanisms for energy efficiency: 50
- Incentives and mandates: industrial and commercial end users: 88
- Incentives and mandates: public sector: 88
- Incentives and mandates: energy utility programs: 88

EVOLUTION OF RISE SCORE SINCE 2010

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population
Access to clean cooking: 100% of population
Renewable energy: 62% of Total Final Energy Consumption
Energy efficiency: 3.33 MJ per US$ PPP 2017

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.
POLAND
GLOBAL SCORE:

2021

GLOBAL AVERAGE | REGIONAL ONE DOWN | POLAND | REGIONAL ONE UP | NEW ZEALAND | REGIONAL AVERAGE | OECD HIGH INCOME

60 | N/A | 70 | 74 | 86

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

- Carbon pricing and monitoring
- Legal framework for renewable energy
- Planning for renewable energy expansion
- Incentives and regulatory support for renewable energy

ENERGY EFFICIENCY

- Carbon pricing and monitoring
- National energy efficiency planning
- Energy efficiency targets
- Incentives and mandates: industrial and commercial end users
- Incentives and mandates: public sector
- Incentives and mandates: energy utility programs
- Financing mechanisms for energy efficiency
- Minimum energy efficiency performance standards
- Building energy codes
- Energy labeling systems
- Transportation sector

EVOLUTION OF RISE SCORE SINCE 2010

DASHBOARD FOR SUSTAINABLE ENERGY*

- Access to electricity: 100% of population
- Access to clean cooking: 100% of population
- Renewable energy: 12% of Total Final Energy Consumption
- Energy efficiency: 3.42 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsgdg.esmap.org

Source: World Bank, RISE 2022
PORTUGAL
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2021

<table>
<thead>
<tr>
<th>2021</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>PORTUGAL</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
<th>OECD HIGH INCOME</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>60</td>
<td>89</td>
<td>89</td>
<td>89</td>
<td>86</td>
<td></td>
</tr>
</tbody>
</table>

RENEWABLE ENERGY

- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 100
- Planning for renewable energy expansion: 92
- Incentives and regulatory support for renewable energy: 73
- Attributes of financial and regulatory incentives: 60

ENERGY EFFICIENCY

- Carbon pricing and monitoring: 100
- National energy efficiency planning: 100
- Energy efficiency entities: 100
- Incentives and mandates: industrial and commercial end users: 88
- Incentives and mandates: public sector: 23
- Incentives and mandates: energy utility programs: 80
- Financing mechanisms for energy efficiency: 84
- Minimum energy efficiency performance standards: 93
- Energy labeling systems: 100
- Building energy codes: 85
- Transport sector: 83
- Counterparty risk: 100
- Network connection and pricing: 82
- Attributes of financial and regulatory incentives: 60

EVOLUTION OF RISE SCORE SINCE 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg.esmap.org
Source: World Bank, RISE 2022
**RISE scores (out of 100) per pillar 2021**

**RENEWABLE ENERGY**
- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 100
- Planning for renewable energy expansion: 83
- Incentives and regulatory support for renewable energy: 83
- Attributes of financial and regulatory incentives: 77
- Network connection and pricing: 52

**ENERGY EFFICIENCY**
- Carbon pricing and monitoring: 100
- Transport sector: 100
- Energy labeling systems: 85
- Building energy codes: 79
- Minimum energy efficiency performance standards: 86
- Financing mechanisms for energy efficiency: 25
- Incentives and mandates: public sector: 55
- Incentives and mandates: industrial and commercial end users: 92
- National energy efficiency planning: 67
- Energy efficiency entities: 100

**SLOVAK REPUBLIC - RENEWABLE ENERGY**
- Access to electricity: 100% of population
- Access to clean cooking: 100% of population
- Renewable energy: 18% of Total Final Energy Consumption
- Energy efficiency: 4.1 MJ per US$ PPP 2017

**Evolution of RISE Score Since 2010**

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022
Spain
Global Score:

- **DASHBOARD FOR SUSTAINABLE ENERGY**
  - Access to electricity: **100%**
  - Access to clean cooking: **100%**
  - Renewable energy: 17% of Total Final Energy Consumption
  - Energy efficiency: **2.64 MJ per US$ PPP 2017**

- **Rise scores (out of 100) per pillar 2021**
  - **Renewable Energy**
    - **Spain**
  - **Energy Efficiency**

**Evolution of RISE Score Since 2010**

**Note:** The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org*

Source: World Bank, RISE 2022
SWEDEN
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population
Access to clean cooking: 100% of population
Renewable energy: 53% of Total Final Energy Consumption
Energy efficiency: 3.80 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

EVOLUTION OF RISE SCORE SINCE 2010
SWITZERLAND
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population
Access to clean cooking: 100% of population
Renewable energy: 25% of Total Final Energy Consumption
Energy efficiency: 1.68 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022
**RISE scores (out of 100) per pillar 2021**

**RENEWABLE ENERGY**
- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 80
- Planning for renewable energy expansion: 100
- Incentives and regulatory support for renewable energy: 94
- Attributes of financial and regulatory incentives: 100

**ENERGY EFFICIENCY**
- Carbon pricing and monitoring: 100
- Energy efficiency entities: 89
- National energy efficiency planning: 100
- Transport sector: 100
- Incentives and mandates: industrial and commercial end users: 89
- Building energy codes: 84
- Energy labeling systems: 88
- Minimum energy efficiency performance standards: 78
- Financing mechanisms for energy efficiency: 43
- Incentives and mandates: public sector: 72
- Incentives and mandates: energy utility programs: 88

**EVOLUTION OF RISE SCORE SINCE 2010**

**Note:** The overall country score is based on the average score of Electricity Access, Energy Efficiency, and Renewable Energy indicators.

*https://trackingsdg7.esmap.org*

Source: World Bank, RISE 2022
# UNITED STATES

**GLOBAL SCORE:**

<table>
<thead>
<tr>
<th>2021</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>UNITED STATES</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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<tbody>
<tr>
<td></td>
<td>60</td>
<td>82</td>
<td>82</td>
<td>83</td>
<td>86</td>
</tr>
</tbody>
</table>

RISE scores (out of 100) per pillar 2021

## RENEWABLE ENERGY

- **Carbon pricing and monitoring:** 100
- **Legal framework for renewable energy:** 56
- **Planning for renewable energy expansion:** 63
- **Incentives and regulatory support for renewable energy:** 31
- **Attributes of financial and regulatory incentives:** 77
- **Network connection and pricing:** 59

## ENERGY EFFICIENCY

- **Carbon pricing and monitoring:** 100
- **National energy efficiency planning:** 84
- **Energy efficiency entitles:** 87
- **Incentives and mandates: industrial and commercial end users:** 78
- **Incentives and mandates: public sector:** 80
- **Incentives and mandates: energy utility programs:** 58
- **Financing mechanisms for energy efficiency:** 51
- **Minimum energy efficiency performance standards:** 88
- **Energy labeling systems:** 90
- **Building energy codes:** 100
- **Transport sector:** 100

## EVOLUTION OF RISE SCORE SINCE 2010

![Graph showing the evolution of RISE scores since 2010](image)

*Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators. [Link to tracking data](https://trackingsdg7.esmap.org)*

Source: World Bank, RISE 2022

---

**DASHBOARD FOR SUSTAINABLE ENERGY**

- **Access to electricity:** 100% of population
- **Access to clean cooking:** 100% of population
- **Renewable energy:** 10% of Total Final Energy Consumption
- **Energy efficiency:** 4.51 MJ per US$ PPP 2017
**OMAN**

**GLOBAL SCORE:**

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</tr>
<tr>
<td><strong>REGIONAL ONE DOWN</strong></td>
<td></td>
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<td></td>
<td></td>
<td></td>
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<td>KUWAIT</td>
</tr>
<tr>
<td><strong>OMAN</strong></td>
<td>56</td>
<td></td>
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<tr>
<td><strong>REGIONAL ONE UP</strong></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BAHRAIN</td>
</tr>
<tr>
<td><strong>REGIONAL AVERAGE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MIDDLE EAST &amp; NORTH AFRICA</td>
</tr>
</tbody>
</table>

**RANKING:**

- **OMAN** - 18
- **KUWAIT** - 1
- **BAHRAIN** - 6
- **REGIONAL AVERAGE** - 67

**RISE scores (out of 100) per pillar 2021**

**RENEWABLE ENERGY**

- **Carbon pricing and monitoring**: 50
- **Laws and framework for renewable energy**: 80
- **Planning for renewable energy**: 67
- **Incentives and regulatory support for renewable energy**: 59
- **Network connection and pricing**: 57
- **Attributes of financial and regulatory incentives**: 57

**ENERGY EFFICIENCY**

- **Carbon pricing and monitoring**: 0
- **Transport sector**: 50
- **National energy efficiency planning**: 17
- **Energy efficiency entities**: 50
- **Incentives and mandates**: industrial and commercial end users: 17
- **Building energy codes**: 17
- **Energy labeling systems**: 38
- **Minimum energy efficiency performance standards**: 13
- **Energy utility programs**: 40
- **Incentives and mandates**: public sector: 3

**EVOLUTION OF RISE SCORE SINCE 2010**

[Graph showing evolution of RISE scores since 2010]

**DASHBOARD FOR SUSTAINABLE ENERGY**

- **Access to electricity**: 100% of population
- **Access to clean cooking**: 98% of population
- **Renewable energy**: 0% of Total Final Energy Consumption
- **Energy efficiency**: 7.23 MJ per US$ PPP 2017

*Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.*

*https://trackingsg7.esmap.org

Source: World Bank, RISE 2022
PAKISTAN
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2021

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 75% of population

Access to clean cooking: 49% of population

Renewable energy: 43% of Total Final Energy Consumption

Energy efficiency: 4.59 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

Source: World Bank, RISE 2022
RISE scores (out of 100) per pillar 2021

**PANAMA**

**GLOBAL SCORE:**

- **GLOBAL AVERAGE:** 60
- **REGIONAL ONE DOWN JAMAICA:** 69
- **PANAMA:** 71
- **REGIONAL ONE UP ECUADOR:** 73
- **REGIONAL AVERAGE LATIN AMERICA & CARIBBEAN:** 61

**RENEWABLE ENERGY**

1. Carbon pricing and monitoring
2. Legal framework for renewable energy
3. Planning for renewable energy expansion
4. Incentives and regulatory support for renewable energy

**ENERGY EFFICIENCY**

1. Carbon pricing and monitoring
2. National energy efficiency planning
3. Energy efficiency entities
4. Incentives and mandates: industrial and commercial end users
5. Incentives and mandates: public sector
6. Incentives and mandates: energy utility programs

**EVOLUTION OF RISE SCORE SINCE 2010**

- **Access to electricity:** 97% of population
- **Access to clean cooking:** 88% of population
- **Renewable energy:** 19% of Total Final Energy Consumption
- **Energy efficiency:** 1.54 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg.esmap.org

Source: World Bank, RISE 2022
PAPUA NEW GUINEA

GLOBAL SCORE:

Access to electricity: 60% of population
Access to clean cooking: 9% of population
Renewable energy: 53% of Total Final Energy Consumption
Energy efficiency: 5.28 MJ per US$ PPP 2017

RISE scores (out of 100) per pillar 2021

DASHBOARD FOR SUSTAINABLE ENERGY*

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022
**PARAGUAY**

**GLOBAL SCORE:**

<table>
<thead>
<tr>
<th>2021</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>PARAGUAY</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>60</td>
<td>43</td>
<td>51</td>
<td>59</td>
<td>61</td>
</tr>
</tbody>
</table>

RISE scores (out of 100) per pillar 2021

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 0
- Legal framework for renewable energy: 40
- Planning for renewable energy expansion: 25
- Incentives and regulatory support for renewable energy: 29
- Attributes of financial and regulatory incentives: 29

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 40
- National energy efficiency planning: 100
- Energy efficiency entities: 58
- Incentives and mandates: industrial and commercial end users: 13
- Incentives and mandates: public sector: 13
- Incentives and mandates: energy utility programs: 23

**EVOLUTION OF RISE SCORE SINCE 2010**

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

Access to electricity: 100% of population
Access to clean cooking: 69% of population
Renewable energy: 60% of Total Final Energy Consumption
Energy efficiency: 3.39 MJ per US$ PPP 2017

Source: World Bank, RISE 2022

*https://trackingsdg.esmap.org*
PERU
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2021

ENERGY EFFICIENCY

RENEWABLE ENERGY

EVOLUTION OF RISE SCORE SINCE 2010

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: **99%** of population

Access to clean cooking: **85%** of population

Renewable energy: **27%** of Total Final Energy Consumption

Energy efficiency: **2.60** MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022
### PHILIPPINES

**GLOBAL SCORE:**

**2019**

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<td>Access to electricity</td>
<td>97%</td>
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<tr>
<td>Access to clean cooking</td>
<td>48%</td>
</tr>
<tr>
<td>Renewable energy</td>
<td>27% of Total Final Energy Consumption</td>
</tr>
<tr>
<td>Energy efficiency</td>
<td>2.68 MJ per US$ PPP 2017</td>
</tr>
</tbody>
</table>

**RISE scores (out of 100) per pillar 2021**

<table>
<thead>
<tr>
<th>Pillar</th>
<th>2021</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN CAMBODIA</th>
<th>PHILIPPINES</th>
<th>REGIONAL ONE UP INDONESIA</th>
<th>REGIONAL AVERAGE EAST ASIA &amp; PACIFIC</th>
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<td><strong>RENEWABLE ENERGY</strong></td>
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<td>Counterparty risk</td>
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<td>Network connection and use</td>
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<td><strong>ENERGY EFFICIENCY</strong></td>
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<td>Carbon pricing and monitoring</td>
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<td>Energy labeling systems</td>
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</tr>
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<td>Incentives and mandates:</td>
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<tr>
<td><strong>CLEAN COOKING</strong></td>
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<td>Supplier incentives</td>
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<tr>
<td><strong>ELECTRICITY ACCESS</strong></td>
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<td>Electrification planning</td>
<td>80</td>
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<td>80</td>
<td></td>
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</tr>
<tr>
<td>Scope of officially approved electrification plan</td>
<td>83</td>
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<td>83</td>
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<td></td>
</tr>
</tbody>
</table>
| **Note:** The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators. 
Source: World Bank, RISE 2022 |
Poland - Renewable Energy
- Poland - Energy Efficiency
- OECD High Income - Renewable Energy
- OECD High Income - Energy Efficiency

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsgd7.esmap.org

Source: World Bank, RISE 2022
PORTUGAL
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2021

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 100
- Planning for renewable energy expansion: 92
- Incentives and regulatory support for renewable energy: 73
- Attributes of financial and regulatory incentives: 60

**ENERGY EFFICIENCY**

- National energy efficiency planning: 100
- Energy efficiency: 84
- Energy efficiency entities: 100
- Incentives and mandates: public sector: 88
- Incentives and mandates: industrial and commercial end users: 83
- Energy labeling systems: 100
- Building energy codes: 93
- Transport sector: 100
- Carbon pricing and monitoring: 85
- Minimum energy efficiency performance standards: 85
- Financing mechanisms for energy efficiency: 50
- Incentives and mandates: energy utility programs: 23

**EVOLUTION OF RISE SCORE SINCE 2010**

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

Source: World Bank, RISE 2022
QATAR
GLOBAL SCORE:

```
<table>
<thead>
<tr>
<th>Country</th>
<th>Score (out of 100)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qatar - Renewable Energy</td>
<td>48</td>
</tr>
<tr>
<td>Qatar - Energy Efficiency</td>
<td>62</td>
</tr>
<tr>
<td>Middle East &amp; North Africa - Renewable Energy</td>
<td>60</td>
</tr>
<tr>
<td>Middle East &amp; North Africa - Energy Efficiency</td>
<td>67</td>
</tr>
</tbody>
</table>
```

DASHBOARD FOR SUSTAINABLE ENERGY*

<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>Access to electricity</td>
<td>100% of population</td>
</tr>
<tr>
<td>Access to clean cooking</td>
<td>100% of population</td>
</tr>
<tr>
<td>Renewable energy</td>
<td>0% of Total Final Energy Consumption</td>
</tr>
<tr>
<td>Energy efficiency</td>
<td>6.79 MJ per US$ PPP 2017</td>
</tr>
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</table>

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingidg7.esmap.org
Source: World Bank, RISE 2022
**RISE scores (out of 100) per pillar 2021**

**RENEWABLE ENERGY**

- **Romania** - Renewable Energy: 85
- **Regional Average** - Renewable Energy: 67

**ENERGY EFFICIENCY**

- **Romania** - Energy Efficiency: 81
- **Regional Average** - Energy Efficiency: 85

**EVOLUTION OF RISE SCORE SINCE 2010**

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://tracking.sdg7.esmap.org*

Source: World Bank, RISE 2022
RUSSIAN FEDERATION
GLOBAL SCORE:

<table>
<thead>
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<th>2021</th>
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<th>RUSSIAN FEDERATION</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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</thead>
<tbody>
<tr>
<td>60</td>
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<td>73</td>
<td>76</td>
<td>67</td>
<td></td>
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</table>

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

EVOLUTION OF RISE SCORE SINCE 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

Access to electricity: **100%** of population
Access to clean cooking: **86%** of population
Renewable energy: **3%** of Total Final Energy Consumption
Energy efficiency: **8.10** MJ per US$ PPP 2017

Source: World Bank, RISE 2022
**Global Score:**

**Renewable Energy:**
- 91
- 83
- 100
- 100
- 100

**Energy Efficiency:**
- 100
- 100
- 0
- 67
- 73
- 77
- 83
- 29
- 0
- 63
- 54
- 50
- 65

**Clean Cooking:**
- 78
- 60
- 0
- 29
- 0
- 100
- 100
- 5

**Electricity Access:**
- 90
- 73
- 100
- 100
- 100
- 62
- 63
- 81
- 60
- 73
- 100
- 100
- 100

**Note:** The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingdg7.esmap.org
Source: World Bank, RISE 2022*
SAUDI ARABIA
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2021

RENUEWABLE ENERGY

ENERGY EFFICIENCY

EVOLUTION OF RISE SCORE SINCE 2010

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population
Access to clean cooking: 100% of population
Renewable energy: 0% of Total Final Energy Consumption
Energy efficiency: 5.58 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg8.esmap.org
Source: World Bank, RISE 2022
**SENEGAL GLOBAL SCORE:**

**GLOBAL SCORES:**

- **Access to electricity:** 70% of population
- **Access to clean cooking:** 24% of population
- **Renewable energy:** 37% of Total Final Energy Consumption
- **Energy efficiency:** 3.67 MJ per US$ PPP 2017

**RENEWABLE ENERGY**

<table>
<thead>
<tr>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLOBAL AVERAGE</td>
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<tr>
<td>60</td>
</tr>
</tbody>
</table>

RISE scores (out of 100) per pillar 2021

**ENERGY EFFICIENCY**

**CLEAN COOKING**

**ELECTRICITY ACCESS**

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
### SERBIA

**GLOBAL SCORE:**

- **RENWABLE ENERGY**
  - Global Average: 60
  - Regional one down: Belarus
  - Serbia: 71
  - Regional one up: Russian Federation
  - Regional average: Europe & Central Asia: 67

- **ENERGY EFFICIENCY**
  - Global Average: 0
  - Regional one down: Belarus
  - Serbia: 71
  - Regional one up: Russian Federation
  - Regional average: Europe & Central Asia: 73

### EVOLUTION OF RISE SCORE SINCE 2010

- **Serbia - Renewable Energy**
  - 2010: 57
  - 2011: 80
  - 2012: 53
  - 2013: 52
  - 2014: 50
  - 2015: 70
  - 2016: 92
  - 2017: 80
  - 2018: 0
  - 2019: 25
  - 2020: 42
  - 2021: 63

- **Serbia - Energy Efficiency**
  - 2010: 33
  - 2011: 58
  - 2012: 50
  - 2013: 52
  - 2014: 42
  - 2015: 25
  - 2016: 63
  - 2017: 75
  - 2018: 75
  - 2019: 83
  - 2020: 100
  - 2021: 0

---

**Note:** The overall country score is based on the average score of Electricity Access, Energy Efficiency, and Renewable Energy. *https://trackingsdg.esmap.org*

Source: World Bank, RISE 2022
**SIERRA LEONE**

**GLOBAL SCORE:**

<table>
<thead>
<tr>
<th>2021</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN MAURITANIA</th>
<th>SIERRA LEONE</th>
<th>REGIONAL ONE UP CONGO, DEM. REP.</th>
<th>REGIONAL AVERAGE SUB-SAHARAN AFRICA</th>
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</thead>
<tbody>
<tr>
<td>60</td>
<td>28</td>
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<td>31</td>
<td>39</td>
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</tr>
</tbody>
</table>

RISE scores (out of 100) per pillar 2021

### RENEWABLE ENERGY

- **Carbon pricing and monitoring:** 0
- **Counterparty risk:** 50
- **Planning for renewable energy expansion:** 58
- **Attributes of financial and regulatory incentives:** 37
- **Legal framework for renewable energy:** 80
- **Network connection and use:** 20
- **Incentives and regulatory support for renewable energy:** 17

### ENERGY EFFICIENCY

- **Carbon pricing and monitoring:** 0
- **Transport sector:** 0
- **Energy efficiency entities:** 67
- **Building energy codes:** 0
- **Incentives and mandates:** 17
- **Minimum energy efficiency performance standards:** 79
- **Financing mechanisms for energy efficiency:** 13
- **Incentives and mandates:** 8
- **Energy utility programs:** 0

### CLEAN COOKING

- **Supplier incentives:** 0
- **Financing mechanisms:** 0
- **Labeling:** 0
- **Monitoring and verification:** 0
- **Use of standards:** 0
- **Last-mile distribution:** 100
- **Awareness strategies:** 20
- **Existence of plan:** 20
- **Institutional capacity:** 33
- **Aspects of the plan:** 50

### ELECTRICITY ACCESS

- **Utility creditworthiness:** 0
- **Electrification planning:** 69
- **Scope of officially approved electrification plan:** 50
- **Utility transparency and monitoring:** 42
- **Consumer affordability of electricity:** 50
- **Framework for off-grid systems:** 69
- **Framework for mini grids:** 33
- **Framework for grid electrification:** 60

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org*

Source: World Bank, RISE 2022
RENWABLE ENERGY

ENERGY EFFICIENCY

E V O L U T I O N  O F  R I S E  S C O R E  S I N C E  2 0 1 0

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population
Access to clean cooking: 100% of population
Renewable energy: 1% of Total Final Energy Consumption
Energy efficiency: 2.57 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022
**SLOVAK REPUBLIC**

**GLOBAL SCORE:**

- **Energy Efficiency:**
  - 2010: 82
  - 2011: 83
  - 2012: 77
  - 2013: 52
  - 2014: 78
  - 2015: 83
  - 2016: 100
  - 2017: 100
  - 2018: 100
  - 2019: 88
  - 2020: 88
  - 2021: 88

- **Renewable Energy:**
  - 2010: 83
  - 2011: 85
  - 2012: 79
  - 2013: 86
  - 2014: 55
  - 2015: 25
  - 2016: 67
  - 2017: 92
  - 2018: 100
  - 2019: 88
  - 2020: 88
  - 2021: 88

**SLOVAK REPUBLIC - Renewable Energy**

- **Access to electricity:** 100% of population
- **Access to clean cooking:** 100% of population
- **Renewable energy:** 18% of Total Final Energy Consumption
- **Energy efficiency:** 4.11 MJ per US$ PPP 2017

**Note:** The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org*

Source: World Bank, RISE 2022
**SOLOMON ISLANDS**

**GLOBAL SCORE:**

<table>
<thead>
<tr>
<th>2021</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>SOLOMON ISLANDS</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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</thead>
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<tr>
<td></td>
<td>60</td>
<td>18</td>
<td>20</td>
<td>31</td>
<td>50</td>
</tr>
</tbody>
</table>

RISE scores (out of 100) per pillar 2021

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 46
- Legal framework for renewable energy: 27
- Counterparty risk: 0
- Planning for renewable energy expansion: 80
- Incentives and regulatory support for renewable energy: 21
- Network connection and use: 6
- Attributes of financial and regulatory incentives: 0

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 0
- Building energy codes: 0
- Energy labeling systems: 78
- Transport sector: 33
- Energy efficiency entities: 0
- Incentives and mandates: industrial and commercial users: 6
- Incentives and mandates: public sector: 23
- Minimum energy efficiency performance standards: 25
- Incentives and mandates: energy utility programs: 0

**CLEAN COOKING**

- Supplier incentives: 0
- Financing mechanisms: 0
- Use of standards: 0
- Last-mile distribution: 0
- Labeling: 0
- Monitoring and verification: 0
- Awareness strategy: 0
- Institutional capacity: 0
- Aspects of the plan: 0
- Tracking progress: 0

**ELECTRICITY ACCESS**

- Utility creditworthiness: 0
- Consumer affordability of electricity: 0
- Electrification planning: 0
- Scope of officially approved electrification plan: 0
- Framework for grid electrification: 0
- Framework for mini grids: 0
- Utility transparency and monitoring: 0
- Consumer affordability of electricity: 0
- Electrification planning: 0
- Scope of officially approved electrification plan: 0
- Framework for grid electrification: 0
- Framework for mini grids: 0

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackinggoal7.esmap.org*

Source: World Bank, RISE 2022
DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 50% of population
Access to clean cooking: 3% of population
Renewable energy: 95% of Total Final Energy Consumption
Energy efficiency: 11.64 MJ per US$ PPP 2017

SOMALIA
GLOBAL SCORE:

SOMALIA
GLOBAL AVERAGE
REGIONAL ONE DOWN
REGIONAL ONE UP
REGIONAL AVERAGE

2021

60
17
18
19
39

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

CLEAN COOKING

ELECTRICITY ACCESS

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsgd7.esmap.org
Source: World Bank, RISE 2022
**SOUTH AFRICA**

**GLOBAL SCORE:**

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<thead>
<tr>
<th></th>
<th>2021</th>
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<tbody>
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<tr>
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<td>MALAWI</td>
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<td><strong>SOUTH AFRICA</strong></td>
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<td>63</td>
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<tr>
<td><strong>REGIONAL ONE UP</strong></td>
<td>KENYA</td>
<td>73</td>
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<tr>
<td><strong>REGIONAL AVERAGE</strong></td>
<td>SUB-SAHARAN AFRICA</td>
<td>39</td>
</tr>
</tbody>
</table>

RISE scores (out of 100) per pillar 2021

**RENEWABLE ENERGY**

- **Carbon pricing and monitoring**: 100
- **Counterparty risk**: 75
- **Legal framework**: 80
- **Planning for renewable energy expansion**: 100
- **Incentives and regulatory support**: 89
- **Network connection and use**: 77
- **Attributes of financial and regulatory incentives**: 73

**ENERGY EFFICIENCY**

- **Carbon pricing and monitoring**: 67
- **Transport sector**: 100
- **Energy efficiency entities**: 89
- **Incentives and mandates**: 100
- **Energy labeling systems**: 75
- **Minimum energy efficiency performance standards**: 75
- **Energy utility programs**: 53
- **Incentives and mandates**: 75

**CLEAN COOKING**

- **Supplier incentives**: 40
- **Financing mechanisms**: 75
- **Labeling**: 0
- **Monitoring and verification**: 0
- **Use of standards**: 0
- **Awareness strategy**: 88
- **Last-mile distribution**: 0
- **Awareness strategy**: 100

**ELECTRICITY ACCESS**

- **Utility creditworthiness**: 25
- **Electricity planning**: 100
- **Electification planning**: 100
- **Scope of officially approved electrification plan**: 83
- **Framework for grid electrification**: 70
- **Framework for mini grids**: 21
- **Consumers affordability of electricity**: 67
- **Utility transparency and monitoring**: 71

**DASHBOARD FOR SUSTAINABLE ENERGY**

- **Access to electricity**: 84% of population
- **Access to clean cooking**: 87% of population
- **Renewable energy**: 11% of Total Final Energy Consumption
- **Energy efficiency**: 8.03 MJ per US$ PPP 2017

**Note:** The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org*

Source: World Bank, RISE 2022
**SOUTH SUDAN**

**GLOBAL SCORE:**

<table>
<thead>
<tr>
<th>2019</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>5</td>
</tr>
</tbody>
</table>

**RISE scores (out of 100) per pillar 2021**

### RENEWABLE ENERGY

- Carbon pricing and monitoring: 0
- Counterparty risk: 0
- Network connection and use: 0
- Legal framework for renewable energy: 40
- Planning for renewable energy expansion: 13
- Incentives and regulatory support for renewable energy: 6
- Attributes of financial and regulatory incentives: 0

### ENERGY EFFICIENCY

- Carbon pricing and monitoring: 0
- Energy efficiency entities: 0
- Energy efficiency planning: 0
- National energy efficiency planning: 0
- Transport sector: 0
- Building energy codes: 0
- Energy labeling systems: 15
- Minimum energy efficiency performance standards: 0
- Financing mechanisms for energy efficiency: 0
- Incentives and mandates: industrial and commercial end users: 0
- Incentives and mandates: public sector: 0
- Incentives and mandates: energy utility programs: 0

### CLEAN COOKING

- Supplier incentives: 0
- Financing mechanisms: 0
- Labeling: 0
- Monitoring and verification: 0
- Use of standards: 0
- Last-mile distribution: 0
- Tracking progress: 0
- Existence of plan: 75
- Institutional capacity: 20
- Aspects of the plan: 0
- Awareness strategy: 0

### ELECTRICITY ACCESS

- Utility creditworthiness: 0
- Electrification planning: 0
- Scope of officially approved electrification plan: 0
- Utility transparency and monitoring: 0
- Consumer affordability of electricity: 32
- Framework for grid systems: 17
- Framework for mini grids: 0
- Framework for electrification: 0

**DASHBOARD FOR SUSTAINABLE ENERGY**

- Access to electricity: 7% of population
- Access to clean cooking: 0% of population
- Renewable energy: 27% of Total Final Energy Consumption
- Energy efficiency: - MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org*

Source: World Bank, RISE 2022
SPAIN
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

- Access to electricity: 100% of population
- Access to clean cooking: 100% of population
- Renewable energy: 17% of total final energy consumption
- Energy efficiency: 2.64 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022

RISE scores (out of 100) per pillar 2021

<table>
<thead>
<tr>
<th>2021</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>SPAIN</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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<tr>
<td></td>
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<td>CANADA</td>
<td>SPAIN</td>
<td>AUSTRIA</td>
<td>OECD HIGH INCOME</td>
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<tr>
<td>Spain - Renewable Energy</td>
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<td>88</td>
<td>88</td>
<td>86</td>
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<tr>
<td>Spain - Energy Efficiency</td>
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<td>100</td>
<td>100</td>
<td>100</td>
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</table>

EVOLUTION OF RISE SCORE SINCE 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.
SRI LANKA
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

EVOLUTION OF RISE SCORE SINCE 2010

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: **100%** of population
Access to clean cooking: **32%** of population
Renewable energy: **50%** of Total Final Energy Consumption
Energy efficiency: **1.78** MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022
SUDAN
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: **55%** of population
Access to clean cooking: **55%** of population
Renewable energy: **62%** of Total Final Energy Consumption
Energy efficiency: **4.62** MJ per US$ PPP 2017

GLOBAL AVERAGE  | REGIONAL ONE DOWN | SUDAN  | REGIONAL ONE UP | REGIONAL AVERAGE
---|---|---|---|---
60 | 26 | 27 | 28 | 39

RISE scores (out of 100) per pillar 2021

**RENEWABLE ENERGY**

- Carbon pricing and monitoring
- Counterparty risk
- Network connection and use
- Legal framework for renewable energy
- Incentives and regulatory support for renewable energy
- Planning for renewable energy expansion
- Attributes of financial and regulatory incentives

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring
- Energy efficiency entities
- Incentives and mandates: industrial and commercial end users
- Incentives and mandates: public sector
- Incentives and mandates: energy utility programs
- Energy efficiency planning
- National energy efficiency planning
- Energy labeling systems
- Energy efficiency entities
- Minimum energy efficiency performance standards
- Financing mechanisms for energy efficiency

**CLEAN COOKING**

- Supplier incentives
- Financing mechanisms
- Labeling
- Monitoring and verification
- Use of standards
- Last-mile distribution
- Awareness strategy
- Institutional capacity
- Existence of plan
- Track monitoring progress

**ELECTRICITY ACCESS**

- Utility creditworthiness
- Electrification planning
- Scope of officially approved electrification plan
- Framework for grid electrification
- Framework for mini grids
- Consumer affordability of electricity
- Use of standards
- Last-mile distribution
- Awareness strategy
- Institutional capacity
- Existence of plan
- Track monitoring progress

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
**SWEDEN**: Global Score:

**RENEWABLE ENERGY**

- **Sweden - Renewable Energy**: Score of 79
- **OECD High Income - Renewable Energy**: Score of 86

**ENERGY EFFICIENCY**

- **Sweden - Energy Efficiency**: Score of 64
- **OECD High Income - Energy Efficiency**: Score of 100

**EVOLUTION OF RISE SCORE SINCE 2010**

**DASHBOARD FOR SUSTAINABLE ENERGY**

- **Access to electricity**: 100% of population
- **Access to clean cooking**: 100% of population
- **Renewable energy**: 53% of Total Final Energy Consumption
- **Energy efficiency**: 3.80 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org*

Source: World Bank, RISE 2022
**SWITZERLAND**

**GLOBAL SCORE:**

2021

Global average: 60

Renewable Energy: 86

Energy Efficiency: 87

Regional one down: Australia

Regional one up: Chile

Regional average: OECD High Income

**RISE scores (out of 100) per pillar 2021**

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 84
- Incentives and regulatory support for renewable energy: 82
- Planning for renewable energy expansion: 75
- Counterparty risk: 83
- Network connection and pricing: 88
- Attributes of financial and regulatory incentives: 87

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 100
- Energy efficiency entities: 76
- National energy efficiency planning: 100
- Energy efficiency entities: 73
- Energy efficiency entities: 100
- Energy efficiency entities: 63
- Energy efficiency entities: 93
- Incentives and mandates: industrial and commercial end users: 35
- Incentives and mandates: public sector: 92
- Incentives and mandates: energy utility programs: 75
- Financing mechanisms for energy efficiency: 35
- Minimum energy efficiency performance standards: 92
- Energy labeling systems: 75
- Building energy codes: 23
- Transport sector: 50

**EVOLUTION OF RISE SCORE SINCE 2010**

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsgd.esmap.org

Source: World Bank, RISE 2022
RISE scores (out of 100) per pillar 2021

**TAJIKISTAN**

Global Score:

- **GLOBAL AVERAGE**
  - 60
- **REGIONAL ONE DOWN**
  - GEORGIA
  - 51
- **TAJIKISTAN**
  - 54
- **REGIONAL ONE UP**
  - KYRGYZ REPUBLIC
  - 54
- **REGIONAL AVERAGE**
  - EUROPE & CENTRAL ASIA
  - 67

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 50
- Legal framework for renewable energy: 40
- Planning for renewable energy expansion: 25
- Incentives and regulatory support for renewable energy: 20
- Attributes of financial and regulatory incentives: 10

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 50
- National energy efficiency planning: 40
- Energy efficiency entities: 20
- Incentives and mandates: industrial and commercial end users: 15
- Incentives and mandates: public sector: 10
- Incentives and mandates: energy utility programs: 0

**EVOLUTION OF RISE SCORE SINCE 2010**

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022
TANZANIA
GLOBAL SCORE:

2021 GLOBAL AVERAGE
REN RENEWABLE ENERGY

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<th>2021 Score</th>
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<td>Counterparty risk</td>
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<td>Network connection and use</td>
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<td>Incentives and regulatory support for renewable energy</td>
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<tr>
<td>Incentives and regulatory support for renewable energy</td>
<td>19</td>
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</table>

2021 REGIONAL AVERAGE

<table>
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<tr>
<th>REGIONAL AVERAGE</th>
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<tbody>
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<tr>
<td>ETHIOPIA</td>
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<td>SUB-SAHARAN AFRICA</td>
<td>39</td>
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GLOBAL AVERAGE

<table>
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<th>Pillar</th>
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<tr>
<td>RENEWABLE ENERGY</td>
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<tr>
<td>ENERGY EFFICIENCY</td>
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<td>CLEAN COOKING</td>
<td></td>
</tr>
<tr>
<td>ELECTRICITY ACCESS</td>
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</tbody>
</table>

DASHBOARD FOR SUSTAINABLE ENERGY*

- Access to electricity: 40% of population
- Access to clean cooking: 4% of population
- Renewable energy: 85% of Total Final Energy Consumption

TANZANIA

- Access to electricity: 40% of population
- Access to clean cooking: 4% of population
- Renewable energy: 85% of Total Final Energy Consumption

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
RISE scores (out of 100) per pillar 2021

THAILAND
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population
Access to clean cooking: 84% of population
Renewable energy: 24% of Total Final Energy Consumption
Energy efficiency: 4.52 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022

EVPOLUTION OF RISE SCORE SINCE 2010

Togo Global Score:

**Global Score: 60**

**Renewable Energy: 36**

**Energy Efficiency: 36**

**Clean Cooking: 36**

**Electricity Access: 37**

### RENEWABLE ENERGY

- **Carbon pricing and monitoring:** 0
- **Counterparty risk:** 80
- **Network connection and use:** 40
- **Legal framework for renewable energy:** 0
- **Planning for renewable energy expansion:** 83
- **Incentives and regulatory support for renewable energy:** 20
- **Attributes of financial and regulatory incentives:** 23

### ENERGY EFFICIENCY

- **Carbon pricing and monitoring:** 0
- **National energy efficiency planning:** 0
- **Energy efficiency entities:** 67
- **Incentives and mandates: industrial and commercial users:** 58
- **Incentives and mandates: public sector:** 33
- **Energy labeling systems:** 0
- **Minimum energy performance standards:** 38
- **Energy efficiency financing mechanisms:** 75
- **Energy utility programs:** 7

### CLEAN COOKING

- **Supplier incentives:** 0
- **Financing mechanisms:** 20
- **Labeling:** 25
- **Monitoring and verification:** 0
- **Use of standards:** 0
- **Last-mile distribution:** 29
- **Awareness strategy:** 0
- **Tracking progress:** 38

### ELECTRICITY ACCESS

- **Utility creditworthiness:** 0
- **Electricity transparency and monitoring:** 100
- **Scope of officially approved electrification plan:** 0
- **Consumer affordability of electricity:** 46
- **Framework for off-grid systems:** 100
- **Framework for mini grids:** 38
- **Framework for grid electrification:** 83

**Note:** The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*Source: World Bank, RISE 2022*
**RISE scores (out of 100) per pillar 2021**

### GLOBAL AVERAGE
- **Global Score:** 60
- **Tunisia (Renewable Energy):** 80
- **Tunisia (Energy Efficiency):** 81
- **Regional One (Renewable Energy):** 81
- **Regional One (Energy Efficiency):** 81
- **Regional Average (Middle East & North Africa):** 67

### RENEWABLE ENERGY
- **Carbon pricing and monitoring:** 100
- **Legal framework for renewable energy:** 80
- **Planning for renewable energy expansion:** 77
- **Incentives and regulatory support for renewable energy:** 75
- **Network connection and pricing:** 71
- **Attributes of financial and regulatory incentives:** 72

### ENERGY EFFICIENCY
- **Carbon pricing and monitoring:** 75
- **National energy efficiency planning:** 93
- **Energy efficiency entities:** 100
- **Incentives and mandates: public sector:** 49
- **Incentives and mandates: energy utility programs:** 46
- **Financing mechanisms for energy efficiency:** 50
- **Minimum energy efficiency performance standards:** 77
- **Energy labeling systems:** 54
- **Building energy codes:** 46
- **Transport sector:** 72

### EVOLUTION OF RISE SCORE SINCE 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

Source: World Bank, RISE 2022

*https://trackingsdg.ESMAP.org*
**TURKEY**

**GLOBAL SCORE:**

![Graph showing RISE scores for Turkey](image)

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 78
- Legal framework for renewable energy: 74
- Planning for renewable energy expansion: 82
- Incentives and regulatory support for renewable energy: 90
- Attributes of financial and regulatory incentives: 54

**ENERGY EFFICIENCY**

- National energy efficiency planning: 50
- Transport sector: 67
- Building energy codes: 25
- Energy labeling systems: 46
- Minimum energy efficiency performance standards: 35
- Financing mechanisms for energy efficiency: 52
- Energy efficiency entitles: 75
- Incentives and mandates: industrial and commercial end users: 100
- Incentives and mandates: public sector: 54
- Incentives and mandates: energy utility programs: 57

**EVOLUTION OF RISE SCORE SINCE 2010**

![Graph showing evolution of RISE scores](image)

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*Source: World Bank, RISE 2022*
**RISE scores (out of 100) per pillar 2021**

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 0
- Legal framework for renewable energy: 20
- Planning for renewable energy expansion: 17
- Incentives and regulatory support for renewable energy: 27
- Attributes of financial and regulatory incentives: 10

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 0
- National energy efficiency planning: 0
- Energy efficiency end users: 40
- Incentives and mandates: industrial and commercial end users: 0
- Incentives and mandates: public sector: 0
- Building energy codes: 8
- Energy labeling systems: 0
- Minimum efficiency performance standards: 0
- Financing mechanisms for energy efficiency: 13

**EUROPE & CENTRAL ASIA**

- Regional average: 67
- Regional one up: 50
- Regional one down: N/A

**TURKMENISTAN**

- Global score: 60
- Energy efficiency: 42
- Renewable energy: 50

**Note:** The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*Source: World Bank, RISE 2022*
UGANDA
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*
Access to electricity: 45% of population
Access to clean cooking: 0% of population
Renewable energy: 90% of Total Final Energy Consumption
Energy efficiency: 9.98 MJ per US$ PPP 2017

GLOBAL AVERAGE
REGIONAL ONE DOWN
REGIONAL ONE UP
REGIONAL AVERAGE
NIGERIA
UGANDA
GHANA
SUB-SAHARAN AFRICA

60
55
56
59
39

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

CLEAN COOKING

ELECTRICITY ACCESS

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
**UKRAINE**

**GLOBAL SCORE:**

![Graph showing RISE scores (out of 100) per pillar 2021](image_url)

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 50
- Legal framework for renewable energy: 83
- Planning for renewable energy expansion: 64
- Incentives and regulatory support for renewable energy: 46
- Attributes of financial and regulatory incentives: 45
- Counterparty risk: 62
- Network connection and pricing: 64

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 50
- National energy efficiency planning: 82
- Energy efficiency entities: 92
- Incentives and mandates: industrial and commercial end users: 50
- Incentives and mandates: public sector: 8
- Incentives and mandates: energy utility programs: 13
- Incentives and mandates: renewable energy: 25
- Building energy codes: 63
- Energy labeling systems: 61
- Minimum energy efficiency performance standards: 17
- Financial mechanisms for energy efficiency: 8

**EVOLUTION OF RISE SCORE SINCE 2010**

![Graph showing evolution of RISE scores since 2010](image_url)

**DASHBOARD FOR SUSTAINABLE ENERGY**

- Access to electricity: 100% of population
- Access to clean cooking: 95% of population
- Renewable energy: 7% of Total Final Energy Consumption
- Energy efficiency: 6.95 MJ per US$ PPP 2017

**Note:** The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
**RISE scores (out of 100) per pillar 2021**

**ENERGY EFFICIENCY**
- Carbon pricing and monitoring
- Legal framework for renewable energy
- Planning for renewable energy expansion
- Incentives and regulatory support for renewable energy

**RENEWABLE ENERGY**
- Network connection and pricing
- Counterparty risk
- Attributes of financial and regulatory incentives

**EVOLUTION OF RISE SCORE SINCE 2010**

**DASHBOARD FOR SUSTAINABLE ENERGY**
- Access to electricity: **100%** of population
- Access to clean cooking: **100%** of population
- Renewable energy: **1%** of Total Final Energy Consumption
- Energy efficiency: **3.36** MJ per US$ PPP 2017

**GLOBAL AVERAGE**
- 2021: 60

**REGIONAL ONE DOWN**
- TUNISIA: 80

**UNITED ARAB EMIRATES**
- 2021: 81

**REGIONAL ONE UP**
- IRAN: 84

**REGIONAL AVERAGE**
- MIDDLE EAST & NORTH AFRICA: 67

**UNITED ARAB EMIRATES - RENEWABLE ENERGY**
- 2019: 20
- 2021: 30

**UNITED ARAB EMIRATES - ENERGY EFFICIENCY**
- 2019: 50
- 2021: 60

**Middle East & North Africa - RENEWABLE ENERGY**
- 2019: 50
- 2021: 30

**Middle East & North Africa - ENERGY EFFICIENCY**
- 2019: 50
- 2021: 60

---

*Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.*

*https://trackingsdg7.esmap.org*

*Source: World Bank, RISE 2022*
**UNIVERSITY OF LONDON**

**GLOBAL SCORE:**

- Access to electricity: **100%** of population
- Access to clean cooking: **100%** of population
- Renewable energy: **12%** of Total Final Energy Consumption
- Energy efficiency: **2.30 MJ per US$ PPP 2017**

**RISE scores (out of 100) per pillar 2021**

- **RENEWABLE ENERGY**
  - Carbon pricing and monitoring: 100
  - Legal framework for renewable energy: 80
  - Planning for renewable energy expansion: 100
  - Incentives and regulatory support for renewable energy: 94
  - Attributes of financial and regulatory incentives: 100

- **ENERGY EFFICIENCY**
  - Carbon pricing and monitoring: 67
  - Energy efficiency entities: 100
  - National energy efficiency planning: 89
  - Energy efficiency entities: 100
  - Incentives and mandates: industrial and commercial end users: 88
  - Incentives and mandates: public sector: 88
  - Incentives and mandates: energy utility programs: 43

**EVOLUTION OF RISE SCORE SINCE 2010**

- **United Kingdom - Renewable Energy**
- **United Kingdom - Energy Efficiency**
- **OECD High Income - Renewable Energy**
- **OECD High Income - Energy Efficiency**

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsgdp.esmap.org

Source: World Bank, RISE 2022
RISE scores (out of 100) per pillar 2021

**ENERGY EFFICIENCY**
- 2010: 0
- 2011: 50
- 2012: 80
- 2013: 82
- 2014: 82
- 2015: 82
- 2016: 82
- 2017: 82
- 2018: 82
- 2019: 82
- 2020: 82
- 2021: 82

**RENEWABLE ENERGY**
- 2010: 0
- 2011: 10
- 2012: 30
- 2013: 50
- 2014: 70
- 2015: 90
- 2016: 90
- 2017: 90
- 2018: 90
- 2019: 90
- 2020: 90
- 2021: 90

**GENERAL SCORE**
- 2010: 0
- 2011: 50
- 2012: 80
- 2013: 82
- 2014: 82
- 2015: 82
- 2016: 82
- 2017: 82
- 2018: 82
- 2019: 82
- 2020: 82
- 2021: 82

**DASHBOARD FOR SUSTAINABLE ENERGY**
- **Access to electricity:** 100% of population
- **Access to clean cooking:** 100% of population
- **Renewable energy:** 10% of Total Final Energy Consumption
- **Energy efficiency:** 4.51 MJ per US$ PPP 2017

**EVOLUTION OF RISE SCORE SINCE 2010**

**Note:** The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022
URUGUAY
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2021

ENERGY EFFICIENCY

RENEWABLE ENERGY

EVOLUTION OF RISE SCORE SINCE 2010

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population

Access to clean cooking: 100% of population

Renewable energy: 61% of Total Final Energy Consumption

Energy efficiency: 2.77 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

Source: World Bank, RISE 2022

*https://trackingsdg7.esmap.org
Uzbekistan

Global Score:

DASHBOARD FOR SUSTAINABLE ENERGY*

- Access to electricity: 100% of population
- Access to clean cooking: 84% of population
- Renewable energy: 2% of Total Final Energy Consumption
- Energy efficiency: 8.37 MJ per US$ PPP 2017

Evolution of RISE Score Since 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

* https://trackingsdg7.esmap.org

Source: World Bank, RISE 2022
VANUATU
GLOBAL SCORE:

2019
2021

Rise scores (out of 100) per pillar 2021

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: **67%** of population

Access to clean cooking: **8%** of population

Renewable energy: **32%** of Total Final Energy Consumption

Energy efficiency: **3.53** MJ per US$ PPP 2017

GLOBAL SCORE:

**RUSSIA**

GLOBAL AVERAGE
REGIONAL ONE DOWN
VANUATU
REGIONAL ONE UP
SOLOMON ISLANDS
REGIONAL AVERAGE
EAST ASIA & PACIFIC

2021

60
N/A
18
20
50

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

- Carbon pricing and monitoring: 17
- Counterparty risk: 0
- Planning for renewable energy expansion: 8
- Legal framework for renewable energy: 40
- Incentives and regulatory support for renewable energy: 9
- Attributes of financial and regulatory incentives: 17

ENERGY EFFICIENCY

- Carbon pricing and monitoring: 0
- Energy efficiency entities: 25
- National energy efficiency planning: 51
- Incentives and mandates: industrial and commercial end users: 0
- Incentives and mandates: public sector: 0
- Incentives and mandates: energy utility programs: 0
- Minimum energy efficiency performance standards: 25
- Energy labeling systems: 31
- Finishing mechanisms for energy efficiency: 15
- Transport sector: 0

CLEAN COOKING

- Supplier incentives: 0
- Financing mechanisms: 0
- Monitoring and verification: 0
- Labeling: 0
- Use of standards: 0
- Last-mile distribution: 0
- Tracking progress: 50
- Institutional capacity: 0
- Awareness strategy: 0
- Aspects of the plan: 0

ELECTRICITY ACCESS

- Utility transparency and monitoring: 42
- Consumer affordability of electricity: 78
- Electrification planning: 37
- Framework for off-grid systems: 33
- Framework for grid electrification: 80
- Scopes of officially approved electrification plan: 0
- Use of standards: 40
- Last-mile distribution: 29

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
VENEZUELA, RB
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

EVOLUTION OF RISE SCORE SINCE 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg.esmap.org

Source: World Bank, RISE 2022
VIETNAM

GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

- Access to electricity: 100% of population
- Access to clean cooking: 65% of population
- Renewable energy: 19% of Total Final Energy Consumption
- Energy efficiency: 4.92 MJ per US$ PPP 2017

EVOLUTION OF RISE SCORE SINCE 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg.esmap.org

Source: World Bank, RISE 2022
WEST BANK AND GAZA

GLOBAL SCORE:

<table>
<thead>
<tr>
<th>2021</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>WEST BANK AND GAZA</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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<tbody>
<tr>
<td>60</td>
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RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

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<tr>
<th>Attribute</th>
<th>2019</th>
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</thead>
<tbody>
<tr>
<td>Carbon pricing and monitoring</td>
<td>60</td>
<td>33</td>
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<tr>
<td>Counterparty risk</td>
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<tr>
<td>Network connection and pricing</td>
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<tr>
<td>Attributes of financial and regulatory incentives</td>
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<tr>
<td>Legal framework for renewable energy</td>
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<td>38</td>
</tr>
<tr>
<td>Planning for renewable energy expansion</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Incentives and regulatory support for renewable energy</td>
<td>7</td>
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</table>

ENERGY EFFICIENCY

<table>
<thead>
<tr>
<th>Attribute</th>
<th>2019</th>
<th>2021</th>
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</thead>
<tbody>
<tr>
<td>Carbon pricing and monitoring</td>
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<td>National energy efficiency planning</td>
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<td>Energy efficiency entities</td>
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<tr>
<td>Transport sector</td>
<td>100</td>
<td>100</td>
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<tr>
<td>Building energy codes</td>
<td>13</td>
<td>13</td>
</tr>
<tr>
<td>Energy labeling systems</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>Minimum energy efficiency performance standards</td>
<td>46</td>
<td>46</td>
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<tr>
<td>Incentives and mandates: public sector</td>
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<td>8</td>
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<tr>
<td>Incentives and mandates: energy utility programs</td>
<td>21</td>
<td>21</td>
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<tr>
<td>Financing mechanisms for energy efficiency</td>
<td>8</td>
<td>8</td>
</tr>
</tbody>
</table>

EVOlUTION OF RISE SCORE SINCE 2010

Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.

Source: World Bank, RISE 2022

Dashboard for Sustainable Energy*

Access to electricity: 100% of population
Access to clean cooking: 100% of population
Renewable energy: 14% of Total Final Energy Consumption
Energy efficiency: 2.75 MJ per US$ PPP 2017

*https://trackingsdg7.esmap.org
RISE scores (out of 100) per pillar 2021

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 74% of population
Access to clean cooking: 62% of population
Renewable energy: 3% of Total Final Energy Consumption
Energy efficiency: - MJ per US$ PPP 2017

YEMEN, REP.
GLOBAL SCORE:

2019
2021

2019
2021

GLOBAL AVERAGE
REGIONAL ONE DOWN
REGIONAL ONE UP
REGIONAL AVERAGE

YEMEN, REP.
WEST BANK AND GAZA
MIDDLE EAST & NORTH AFRICA

2021
60
N/A
13
55
67

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

CLEAN COOKING

ELECTRICITY ACCESS

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
ZAMBIA
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 45% of population
Access to clean cooking: 10% of population
Renewable energy: 85% of Total Final Energy Consumption
Energy efficiency: 7.09 MJ per US$ PPP 2017

GLOBAL AVERAGE
REGIONAL ONE DOWN
CHAD
REGIONAL ONE UP
TANZANIA
REGIONAL AVERAGE
SUB-SAHARAN AFRICA

2021
60
46
46
49
39

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

ENERGY EFFICIENCY

CLEAN COOKING

ELECTRICITY ACCESS

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022
ZIMBABWE
GLOBAL SCORE:

2019 2021

GLOBAL AVERAGE REGIONAL ONE DOWN BENIN ZIMBABWE REGIONAL ONE UP BURKINA FASO REGIONAL AVERAGE SUB-SAHARAN AFRICA

60 37 38 39 39

RISE scores (out of 100) per pillar 2021

RENEWABLE ENERGY

Energy efficiency entities
Incentives and mandates: industrial and commercial users
Incentives and mandates: public sector
Incentives and mandates: energy utility programs
National energy efficiency planning
Carbon pricing and monitoring
Energy labeling systems
Minimum energy efficiency performance standards
Energy utility programs financing mechanisms for energy efficiency
Incentives and regulatory support for renewable energy
Legal framework for renewable energy
Planning for renewable energy expansion
Network connection and use
Counterparty risk
Attributes of financial and regulatory incentives

ENERGY EFFICIENCY

Carbon pricing and monitoring
Transport sector
Building-energy codes
Energy labeling systems
Minimum energy efficiency performance standards
Energy utility programs financing mechanisms for energy efficiency
Incentives and mandates: industrial and commercial users
Incentives and mandates: public sector
Incentives and mandates: energy utility programs
National energy efficiency planning

ELECTRICITY ACCESS

Scope of officially approved electrification plan
Framework for grid electrification
Framework for off-grid systems
Consumer affordability of electricity
Utility transparency and monitoring
Utility creditworthiness
Existence of plan
Institutional capacity
Aspects of the plan
Awareness strategy
Last-mile distribution
Use of standards
Labeling
Financing mechanisms
Supplier incentives
Tracking progress

CLEAN COOKING

GLOBAL AVERAGE REGIONAL ONE DOWN BENIN ZIMBABWE REGIONAL ONE UP BURKINA FASO REGIONAL AVERAGE SUB-SAHARAN AFRICA

60 37 38 39 39

RISE scores (out of 100) per pillar 2021

ZIMBABWE

Access to electricity: 53% of population
Access to clean cooking: 30% of population
Renewable energy: 82% of Total Final Energy Consumption
Energy efficiency: 10.47 MJ per US$ PPP 2017

Note: The overall country score is based on the average score of Electricity Access, Clean Cooking, Energy Efficiency and Renewable Energy indicators.

*https://trackingsdg7.esmap.org
Source: World Bank, RISE 2022