AFGHANISTAN
GLOBAL SCORE:

**DASHBOARD FOR SUSTAINABLE ENERGY**

Access to electricity: **99%** of population
Access to clean cooking: **37%** of population
Renewable energy: **25%** of Total Final Energy Consumption
Energy efficiency: **1.90 MJ per US$ PPP 2011**

**AFGHANISTAN**

Access to electricity: **99%** of population
Access to clean cooking: **37%** of population
Renewable energy: **25%** of Total Final Energy Consumption
Energy efficiency: **1.90 MJ per US$ PPP 2011**

**GLOBAL AVERAGE**

61

**REGIONAL ONE DOWN**

**REGIONAL ONE UP**

PAKISTAN

33

REGIONAL AVERAGE

SOUTH ASIA

52

RISE scores (out of 100) per pillar 2019

**RENEWABLE ENERGY**

- **Carbon pricing and monitoring**: 0
- **Counterparty risk**: 80
- **Network connection and pricing**: 45
- **Legal framework for renewable energy**: 32
- **Planning for renewable energy expansion**: 32
- **Incentives and regulatory support for renewable energy**: 19
- **Attributes of financial and regulatory incentives**: 40

**ENERGY EFFICIENCY**

- **Carbon pricing and monitoring**: 0
- **Transport sector**: 83
- **Building energy codes**: 67
- **Energy labeling systems**: 71
- **Min. energy efficiency performance standards**: 10
- **Financing mechanisms for energy efficiency**: 17
- **Energy efficiency entities**: 3
- **Incentives and mandates: industrial and commercial end users**: 0
- **Incentives and mandates: public sector**: 0
- **Incentives and mandates: utilities**: 0

**CLEAN COOKING**

- **Financial incentives**: 0
- **Financing mechanisms**: 0
- **Labeling**: 45
- **Setting standards**: 0
- **Use of standards**: 0
- **Last-mile distribution**: 0
- **Creating awareness**: 0
- **Institutional capacity**: 0
- **Targeting beneficiaries**: 0
- **Tracking progress**: 0

**ELECTRICITY ACCESS**

- **Utility creditworthiness**: 85
- **Scope of officially approved electrification plan**: 50
- **Utility transparency and monitoring**: 17
- **Consumer affordability of electricity**: 0
- **Incentives and mandates: public sector**: 0
- **Framework for grid electrification**: 53
- **Framework for standalone systems**: 17
- **Framework for mini grids**: 45

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 2020

*https://trackingsdg7.esmap.org
RISE scores (out of 100) per pillar 2019

**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
- Transport sector
- Building energy codes
- Energy labeling systems
- Minimum energy efficiency performance standards
- Financing mechanisms for 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://trackingsgd7.esmap.org

Source: World Bank, RISE 2020
**RISE scores (out of 100) per pillar 2019**

**GLOBAL AVERAGE**
- **61**

**REGIONAL ONE DOWN**
- **QATAR**
- **67**

**REGIONAL ONE UP**
- **LEBANON**
- **71**

**REGIONAL AVERAGE**
- **MIDDLE EAST & NORTH AFRICA**
- **66**

**RENEWABLE ENERGY**
- Carbon pricing and monitoring: 100%
- Legal framework for renewable energy: 23%
- Planning for renewable energy expansion: 45%
- Incentives and regulatory support for renewable energy: 57%
- Attributes of financial and regulatory incentives: 0%

**ENERGY EFFICIENCY**
- Carbon pricing and monitoring: 58%
- National energy efficiency planning: 83%
- Energy efficiency entities: 88%
- Incentives and mandates: industrial and commercial end users: 63%
- Incentives and mandates: public sector: 71%
- Attributes of financial and regulatory incentives: 45%

**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 2020
ANGOLA
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*
Access to electricity: 43% of population
Access to clean cooking: 48% of population
Renewable energy: 56% of Total Final Energy Consumption
Energy efficiency: 3.40 MJ per US$ PPP 2011

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 2020
ARGENTINA
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

| Access to electricity: 100% of population |
| Access to clean cooking: 100% of population |
| Renewable energy: 11% of Total Final Energy Consumption |
| Energy efficiency: 4.30 MJ per US$ PPP 2011 |

RISE scores (out of 100) per pillar 2019

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 2020
ARMENIA
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2019

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: 13% of Total Final Energy Consumption
Energy efficiency: 5.20 MJ per US$ PPP 2011

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 2020
AUSTRALIA
GLOBAL SCORE:

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: 4.80 MJ per US$ PPP 2011

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 2020

EVOLUTION OF RISE SCORE SINCE 2010

AUSTRALIA - Renewable Energy
OECD High Income - Renewable Energy

AUSTRALIA - Energy Efficiency
OECD High Income - Energy Efficiency

Source: World Bank, RISE 2020
AUSTRIA
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

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

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

Renewable energy: **33%** of Total Final Energy Consumption

Energy efficiency: **3.50 MJ per US$ PPP 2011**

**RISE scores (out of 100) per pillar 2019**

RENEWABLE ENERGY

<table>
<thead>
<tr>
<th>2019</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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<tr>
<td></td>
<td></td>
<td>JAPAN</td>
<td>FRANCE</td>
<td>OECD HIGH INCOME</td>
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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://trackingstdg.esmap.org

Source: World Bank, RISE 2020
**AZERBAIJAN**

**GLOBAL SCORE:**

![Graph showing RISE scores per pillar for Azerbaijan](Image)

<table>
<thead>
<tr>
<th>Year</th>
<th>Regional One Down</th>
<th>Regional One Up</th>
<th>Regional Average</th>
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<tbody>
<tr>
<td>2019</td>
<td>61</td>
<td>51</td>
<td>69</td>
</tr>
</tbody>
</table>

**RENEWABLE ENERGY**

- **2019 ENSCORE**
  - Access to electricity: 100% of population
  - Access to clean cooking: 100% of population
  - Renewable energy: 2% of Total Final Energy Consumption
  - Energy efficiency: 3.80 MJ per US$ PPP 2011

**ENERGY EFFICIENCY**

- **2019 ENSCORE**
  - National energy efficiency planning
  - Energy efficiency entities
  - Incentives and mandates: industrial and commercial end users
  - Incentives and mandates: utilities

**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 2020
BAHRAIN
GLOBAL SCORE:

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

RISE scores (out of 100) per pillar 2019

<table>
<thead>
<tr>
<th>2019</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN WEST BANK AND GAZA</th>
<th>BAHRAIN</th>
<th>REGIONAL ONE UP OMAN</th>
<th>REGIONAL AVERAGE MIDDLE EAST &amp; NORTH AFRICA</th>
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</table>

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://trackingsgd.esmap.org

Source: World Bank, RISE 2020
BANGLADESH
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2019

GLOBAL AVERAGE
REGIONAL ONE DOWN
NEPAL
REGIONAL ONE UP
INDIA
REGIONAL AVERAGE
SOUTH ASIA

2019
61
52
58
86
52

RENWABLE ENERGY

ENERGY EFFICIENCY

CLEAN COOKING

ELECTRICITY ACCESS

GLOBAL AVERAGE
REGIONAL ONE DOWN
NEPAL
REGIONAL ONE UP
INDIA
REGIONAL AVERAGE
SOUTH ASIA

2019
61
52
58
86
52

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 2020

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 85% of population
Access to clean cooking: 24% of population
Renewable energy: 32% of Total Final Energy Consumption
Energy efficiency: 2.90 MJ per US$ PPP 2011

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2020
BELARUS
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2019

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 2020
BELGIUM
GLOBAL SCORE:

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: 4.80 MJ per US$ PPP 2011

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 2020
**RISE scores (out of 100) per pillar 2019**

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 50
- Legal framework for renewable energy: 80
- Planning for renewable energy expansion: 45
- Incentives and regulatory support for renewable energy: 76
- Attributes of financial and regulatory incentives: 13
- Counterparty risk: 25
- Network connection and pricing: 19

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 0
- National energy efficiency planning: 77
- Energy efficiency entities: 58
- Incentives and mandates: industrial and commercial end users: 29
- Incentives and mandates: public sector: 0
- Incentives and mandates: utilities: 17
- Minvex energy efficiency performance standards: 57
- Financing mechanisms for energy efficiency: 32
- Energy labeling systems: 25
- Building energy codes: 0
- Transport sector: 100

**CLEAN COOKING**

- Financial incentives: 0
- Financing mechanisms: 100
- Targeting beneficiaries: 0
- Setting standards: 0
- Use of standards: 0
- Last-mile distribution: 0
- Creating awareness: 100
- Tracking progress: 0
- Planning scale-up: 0
- Institutional capacity: 67

**ELECTRICITY ACCESS**

- Utility creditworthiness: 69
- Electricitization plan: 70
- Scope of officially approved electrification plan: 81
- Framework for grid electrification: 83
- Framework for standalone systems: 85
- Consumer affordability of electricity: 91
- Utility transparency and monitoring: 0
- Electrification planning: 0
- Framework for grid electrification: 0
- Scope of officially approved electrification plan: 0

**GLOBAL SCORE: BENIN**

- Access to electricity: 42% of population
- Access to clean cooking: 5% of population
- Renewable energy: 46% 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.

*Source: World Bank, RISE 2020*
BOLIVIA
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2019

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

**ENERGY EFFICIENCY**
- Carbon pricing and monitoring
- National energy efficiency planning
- Transport sector
- Energy efficiency entities
- Incentives and mandates: industrial and commercial end users
- Building energy codes
- Incentives and mandates: public sector
- Energy labeling systems
- Minimum energy efficiency performance standards
- Financing mechanisms for 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 2020
BOSNIA AND HERZEGOVINA
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2019

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 2020
BRAZIL
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population
Access to clean cooking: 100% of population
Renewable energy: 45% of Total Final Energy Consumption
Energy efficiency: 4.10 MJ per US$ PPP 2011

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 2020
**RISE scores (out of 100) per pillar 2019**

**RENEWABLE ENERGY**
- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 92
- Planning for renewable energy expansion: 76
- Incentives and regulatory support for renewable energy: 88
- Attributes of financial and regulatory incentives: 95
- Counterparty risk: 25
- Network connection and pricing: 88

**ENERGY EFFICIENCY**
- Carbon pricing and monitoring: 100
- National energy efficiency planning: 80
- Energy efficiency entities: 80
- Incentives and mandates: industrial and commercial end users: 75
- Incentives and mandates: utilities: 75
- Incentives and mandates: public sector: 37
- Energy labeling systems: 83
- Building energy codes: 75
- 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.

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2020
**BURKINA FASO**

**GLOBAL SCORE:**

- **RENEWABLE ENERGY**
- **ENERGY EFFICIENCY**
- **CLEAN COOKING**
- **ELECTRICITY ACCESS**

**DASHBOARD FOR SUSTAINABLE ENERGY**

Access to electricity: 14% of population
Access to clean cooking: 10% of population
Renewable energy: 70% of Total Final Energy Consumption
Energy efficiency: 5.70 MJ per US$ PPP 2011

**BURKINA FASO**

- **Access to electricity:** 14% of population
- **Access to clean cooking:** 10% of population
- **Renewable energy:** 70% of Total Final Energy Consumption
- **Energy efficiency:** 5.70 MJ per US$ PPP 2011

**GLOBAL AVERAGE**

- **REGIONAL ONE DOWN MAURITANIA**
- **REGIONAL ONE UP MALI**
- **REGIONAL AVERAGE SUB-SAHARAN AFRICA**

**RISE scores (out of 100) per pillar 2019**

**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 2020

*https://trackingsdg7.esmap.org*
### Burundi Global Score:

**Global Score: 14**

#### 2019

<table>
<thead>
<tr>
<th>Global Average</th>
<th>Regional One Down Somalia</th>
<th>Burundi</th>
<th>Regional One Up Mozambique</th>
<th>Regional Average Sub-Saharan Africa</th>
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<tr>
<td>61</td>
<td>15</td>
<td>15</td>
<td>19</td>
<td>38</td>
</tr>
</tbody>
</table>

**RISE scores (out of 100) per pillar 2019**

### Renewable Energy

- **Carbon pricing and monitoring**: 0
- **Counterparty risk**: 14
- **Network connection and pricing**: 33
- **Attributes of financial and regulatory incentives**: 0
- **Legal framework for renewable energy**: 20
- **Planning for renewable energy expansion**: 0
- **Incentives and regulatory support for renewable energy**: 19

### Energy Efficiency

- **Carbon pricing and monitoring**: 0
- **Transport sector**: 0
- **Building energy codes**: 0
- **Energy labeling systems**: 0
- **Minimun 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: utilities**: 0

### Clean Cooking

- **Financial incentives**: 0
- **Financing mechanisms**: 0
- **Labeling**: 0
- **Setting standards**: 0
- **Use of standards**: 0
- **Last-mile distribution**: 0
- **Tracking progress**: 100
- **Planning scale-up**: 0
- **Institutional capacity**: 0
- **Targeting beneficiaries**: 0
- **Creating awareness**: 0

### Electricity Access

- **Utility creditworthiness**: 75
- **Electrification planning**: 47
- **Utility transparency and monitoring**: 0
- **Scope of officially approved electrification plan**: 0
- **Consumer affordability of electricity**: 42
- **Framework for grid electrification**: 36
- **Framework for standalone systems**: 19
- **Use of standards**: 0
- **Creating awareness**: 0
- **Last-mile distribution**: 0
- **Planning scale-up**: 0
- **Institutional capacity**: 0
- **Targeting beneficiaries**: 0

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

*https://trackingsgdp7.esmap.org*

Source: World Bank, RISE 2020

**DASHBOARD FOR SUSTAINABLE ENERGY**

- **Access to electricity:** 11% of population
- **Access to clean cooking:** 5% of population
- **Renewable energy:** 88% of Total Final Energy Consumption
- **Energy efficiency:** 8.70 MJ per US$ PPP 2011
CAMBODIA
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 92% of population
Access to clean cooking: 22% of population
Renewable energy: 62% of Total Final Energy Consumption
Energy efficiency: 5.80 MJ per US$ PPP 2011

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 2020
CAMEROON GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 63% of population
Access to clean cooking: 24% of population
Renewable energy: 79% of Total Final Energy Consumption
Energy efficiency: 4.80 MJ per US$ PPP 2011

GLOBAL AVERAGE  61  REGIONAL ONE DOWN  50  CAMEROON  52  REGIONAL ONE UP  53  REGIONAL AVERAGE  38

RISE scores (out of 100) per pillar 2019

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 2020
DASHBOARD FOR SUSTAINABLE ENERGY*

- Access to electricity: **100%** of population
- Access to clean cooking: **100%** of population
- Renewable energy: **23%** of Total Final Energy Consumption
- Energy efficiency: **7.60** MJ per US$ PPP 2011

**CANADA**

**GLOBAL SCORE:**

<table>
<thead>
<tr>
<th>2019 GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>CANADA</th>
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</table>

RISE scores (out of 100) per pillar 2019

**RENEWABLE ENERGY**

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**ENERGY EFFICIENCY**

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</tbody>
</table>

**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 2020
CENTRAL AFRICAN REPUBLIC

GLOBAL SCORE:

RENUEWABLE 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.

Source: World Bank, RISE 2020
CHAD
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 12% of population
Access to clean cooking: 5% of population
Renewable energy: 85% of Total Final Energy Consumption
Energy efficiency: 3.30 MJ per US$ PPP 2011

CHAD

GLOBAL AVERAGE
REGIONAL ONE DOWN
REGIONAL ONE UP
REGIONAL AVERAGE

Mali
Togo
Sub-Saharan Africa

2019

61
37
40
43
38

RISE scores (out of 100) per pillar 2019

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.

Source: World Bank, RISE 2020
## CHILE

### GLOBAL SCORE:

![Graph showing CHILE's RISE scores](image)

- **ENERGY EFFICIENCY**
  - **Renewable energy**
    - **Access to electricity:** 100% of population
    - **Access to clean cooking:** 100% of population
  - **Renewable energy:** 24% of Total Final Energy Consumption
  - **Energy efficiency:** 3.90 MJ per US$ PPP 2011

### RISE scores (out of 100) per pillar 2019

<table>
<thead>
<tr>
<th>2019</th>
<th>Global Average</th>
<th>Regional One Down New Zealand</th>
<th>Chile</th>
<th>Regional One Up United States</th>
<th>Regional Average OECD High Income</th>
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<tbody>
<tr>
<td></td>
<td>61</td>
<td>75</td>
<td>80</td>
<td>81</td>
<td>87</td>
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</tbody>
</table>

### RENEWABLE ENERGY

- **Chile - Renewable Energy**
  - Access to electricity: 100% of population
  - Access to clean cooking: 100% of population
  - Renewable energy: 24% of Total Final Energy Consumption
  - Energy efficiency: 3.90 MJ per US$ PPP 2011

### ENERGY EFFICIENCY

- **Chile - Energy Efficiency**
  - Note: The overall country score is based on the average score of Electricity Access, Energy Efficiency and Renewable Energy indicators.
  - Source: World Bank, RISE 2020

---

**Evolution of RISE Score Since 2010**

![Graph showing RISE score evolution since 2010](image)
### CHINA GLOBAL SCORE:

**2019**

- **Global Average**: 61
- **Regional One Down**: Singapore
- **China**: 79
- **Regional One Up**: N/A
- **Regional Average**: East Asia & Pacific

### RISE scores (out of 100) per pillar 2019

#### RENEWABLE ENERGY

- **Energy efficiency entities**
  - Incentives and mandates: industrial and commercial end users
  - Incentives and mandates: public sector
  - Financing mechanisms for energy efficiency
  - National energy efficiency planning
  - Carbon pricing and monitoring

#### ENERGY EFFICIENCY

- **Energy labeling systems**
  - Attributes of financial and regulatory incentives
  - Planning for renewable energy expansion
  - Legal framework for renewable energy
  - Counterparty risk

#### CLEAN COOKING

- **Labeling**
  - Use of standards
  - Setting standards
  - Last-mile distribution
  - Targeting beneficiaries
  - Creating awareness
  - Financial incentives
  - Financing mechanisms

### DASHBOARD FOR SUSTAINABLE ENERGY*

- **Access to electricity**: 100% of population
- **Access to clean cooking**: 64% of population
- **Renewable energy**: 13% of Total Final Energy Consumption
- **Energy efficiency**: 6.10 MJ per US$ PPP 2011

#### CHINA - RENEWABLE ENERGY

- 2010: 0
- 2011: 10
- 2012: 20
- 2013: 30
- 2014: 40
- 2015: 50
- 2016: 60
- 2017: 70
- 2018: 80
- 2019: 90

#### CHINA - ENERGY EFFICIENCY

- 2010: 0
- 2011: 10
- 2012: 20
- 2013: 30
- 2014: 40
- 2015: 50
- 2016: 60
- 2017: 70
- 2018: 80
- 2019: 90

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 2020
RISE scores (out of 100) per pillar 2019

**ENERGY EFFICIENCY**

- **Carbon pricing and monitoring**: 100
- **National energy efficiency planning**: 93
- **Energy efficiency entities**: 100
- **Incentives and mandates: industrial and commercial end users**: 33
- **Incentives and mandates: public sector**: 50
- **Incentives and mandates: utilities**: 38

**RENEWABLE ENERGY**

- **Carbon pricing and monitoring**: 100
- **Legal framework for renewable energy**: 100
- **Planning for renewable energy expansion**: 86
- **Incentives and regulatory support for renewable energy**: 67
- **Attributes of financial and regulatory incentives**: 86
- **Network connection and pricing**: 77
- **Incentives and regulatory support for renewable energy**: 58
- **Minimum energy efficiency performance standards**: 58
- **Energy labeling systems**: 75
- **Building energy codes**: 25
- **Energy efficiency entities**: 70
- **Incentives and mandates: industrial and commercial end users**: 20
- **Incentives and mandates: utilities**: 20
- **Incentives and mandates: public sector**: 38

**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 2020
**CONGO, DEM. REP.**

**GLOBAL SCORE:**

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 0
- Counterparty risk: 33
- Network connection and pricing: 29
- Legal framework for renewable energy: 80
- Planning for renewable energy expansion: 25
- Incentives and regulatory support for renewable energy: 43

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 0
- National energy efficiency planning: 67
- Energy efficiency entities: 8
- Incentives and mandates: industrial and commercial end users: 0
- Incentives and mandates: public sector: 0
- Incentives and mandates: utilities: 0
- Financing mechanisms for energy efficiency: 0

**CLEAN COOKING**

- Financial incentives: 0
- Financing mechanisms: 0
- Labeling: 33
- Setting standards: 0
- Use of standards: 0
- Last-mile distribution: 0
- Creating awareness: 0
- Targeting beneficiaries: 0
- Tracking progress: 0

**ELECTRICITY ACCESS**

- Utility creditworthiness: 50
- Electrification planning: 13
- Scope of officially approved electrification plan: 0
- Framework for grid electrification: 0
- Framework for stand-alone systems: 8
- Consumer affordability of electricity: 82
- Use of standards: 62
- Targeting beneficiaries: 0
- Creating awareness: 0
- Last-mile distribution: 0

**CONGO, DEM. REP.**

Access to electricity: 19% of population
Access to clean cooking: 5% of population
Renewable energy: 97% of Total Final Energy Consumption
Energy efficiency: 19.00 MJ per US$ PPP 2011

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.

Source: World Bank, RISE 2020

*https://trackingsgdp7.esmap.org
**RISE scores (out of 100) per pillar 2019**

**ENERGY EFFICIENCY**

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

**RENEWABLE ENERGY**

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

**CLEAN COOKING**

- Financial incentives
- Financing mechanisms
- Setting standards
- Use of standards
- Creating awareness

**ELECTRICITY ACCESS**

- Utility creditworthiness
- Scope of officially approved electrification plan
- Electrification planning
- Framework for grid electrification
- Framework for standalone systems

**GLOBAL AVERAGE**

- 61

**REGIONAL ONE DOWN**

- SOUTH SUDAN
- 7

**CONGO, REP.**

- 9

**REGIONAL ONE UP**

- CENTRAL AFRICAN REPUBLIC
- 14

**REGIONAL AVERAGE**

- SUB-SAHARAN AFRICA
- 38

**CONGO, REP.**

**GLOBAL SCORE:**

Access to electricity: 69% of population
Access to clean cooking: 32% of population
Renewable energy: 70% of Total Final Energy Consumption
Energy efficiency: 4.80 MJ per US$ PPP 2011

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 2020
**COSTA RICA**

GLOBAL SCORE:

- **2019**
  - **GLOBAL AVERAGE:** 61
  - **REGIONAL ONE DOWN URUGUAY:**
  - **COSTA RICA:** 77
  - **REGIONAL ONE UP COLOMBIA:** 78
  - **REGIONAL AVERAGE LATIN AMERICA & CARIBBEAN:** 62

RISE scores (out of 100) per pillar 2019

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 100
- Planning for renewable energy expansion: 90
- Incentives and regulatory support for renewable energy: 43
- Network connection and pricing: 100
- Attributes of financial and regulatory incentives: 67

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 75
- National energy efficiency planning: 100
- Energy efficiency entities: 47
- Incentives and mandates: industrial and commercial end users: 75
- Building energy codes: 63
- Energy labeling systems: 92
- Minimum energy efficiency performance standards: 50
- Financing mechanisms for energy efficiency: 53
- Incentives and mandates: public sector: 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 2020*
### CÔTE D’IVOIRE

#### GLOBAL SCORE:

<table>
<thead>
<tr>
<th>Global Average</th>
<th>Regional One Down</th>
<th>CÔTE D’IVOIRE</th>
<th>Regional One Up</th>
<th>Regional Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>61</td>
<td>49</td>
<td>50</td>
<td>50</td>
<td>38</td>
</tr>
</tbody>
</table>

RISE scores (out of 100) per pillar 2019

#### RENEWABLE ENERGY

- Carbon pricing and monitoring: 35/80
- Counterparty risk: 40/92
- Network connection and pricing: 67/62
- Attributes of financial and regulatory incentives: 54/67
- Legal framework for renewable energy: 0/80
- Planning for renewable energy expansion: 0/80
- Incentives and regulatory support for renewable energy: 0/80

#### ENERGY EFFICIENCY

- Carbon pricing and monitoring: 0/87
- Transport sector: 0/100
- Building energy codes: 83/65
- Energy labeling systems: 0/40
- Minimum energy efficiency performance standards: 0/54
- Financing mechanisms for energy efficiency: 0/27
- Energy efficiency entities: 0/27
- Incentives and mandates: industrial and commercial end users: 100/27
- Incentives and mandates: public sector: 0/0
- Incentives and mandates: utilities: 0/0

#### CLEAN COOKING

- Financial incentives: 50/100
- Financing mechanisms: 50/100
- Labeling: 0/0
- Setting standards: 0/0
- Use of standards: 0/0
- Last-mile distribution: 0/0
- Creating awareness: 0/0
- Planning scale-up: 0/0
- Institutional capacity: 0/0
- Tracking progress: 0/0

#### ELECTRICITY ACCESS

- Electrification planning: 0/83
- Scope of officially approved electrification plan: 75/100
- Framework for grid electrification: 0/0
- Framework for standalone systems: 83/50
- Consumer affordability of electricity: 11/58
- Utility transparency and monitoring: 88/30
- Utility creditworthiness: 30/75

### DASHBOARD FOR SUSTAINABLE ENERGY*

- Access to electricity: 67% of population
- Access to clean cooking: 29% of population
- Renewable energy: 63% of Total Final Energy Consumption
- Energy efficiency: 5.00 MJ per US$ PPP 2011

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2020

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

2019 RISE scores (out of 100) per pillar 2019

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: 30% of Total Final Energy Consumption
Energy efficiency: 3.90 MJ per US$ PPP 2011

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 2020
### CZECH REPUBLIC

**GLOBAL SCORE:**

<table>
<thead>
<tr>
<th>Year</th>
<th>Global Average</th>
<th>Regional One Down</th>
<th>Czech Republic</th>
<th>Regional One Up</th>
<th>Regional Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>61</td>
<td>86</td>
<td>86</td>
<td>87</td>
<td>87</td>
</tr>
</tbody>
</table>

### 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 entities:**
- **Incentives and mandates: industrial and commercial end users:**
- **Incentives and mandates: utilities:**
- **Incentives and mandates: public sector:**

### 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://trackingsgdp.esmap.org*

Source: World Bank, RISE 2020
DENMARK
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2019

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: 37% of Total Final Energy Consumption
Energy efficiency: 2.60 MJ per US$ PPP 2011

DENMARK
GLOBAL AVERAGE
REGIONAL ONE DOWN
REGIONAL ONE UP
REGIONAL AVERAGE
KOREA, REP.
DENMARK
UNITED KINGDOM
OECD HIGH INCOME

2019
61
92
94
95
87

RISE scores (out of 100) per pillar 2019

GLOBAL SCORE:

Access to electricity: 100% of population
Access to clean cooking: 100% of population
Renewable energy: 37% of Total Final Energy Consumption
Energy efficiency: 2.60 MJ per US$ PPP 2011

Source: World Bank, RISE 2020

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

*https://trackingsdg.esmap.org
RISE scores (out of 100) per pillar 2019

**RENEWABLE ENERGY**
- Carbon pricing and monitoring: 100%
- Legal framework for renewable energy: 57%
- Planning for renewable energy expansion: 88%
- Incentives and regulatory support for renewable energy: 47%
- Attributes of financial and regulatory incentives: 74%
- Counterparty risk: 39%
- Network connection and pricing: 50%

**ENERGY EFFICIENCY**
- Carbon pricing and monitoring: 0%
- National energy efficiency planning: 0%
- Energy efficiency entities: 17%
- Incentives and mandates: industrial and commercial end users: 13%
- Incentives and mandates: utilities: 20%
- Incentives and mandates: public sector: 75%
- Building energy codes: 18%
- Energy labeling systems: 67%
- Minimum energy efficiency performance standards: 17%
- Financing mechanisms for energy efficiency: 33%
- Transport sector: 33%

**DOMINICAN REPUBLIC**
- **Global Score:** 63
- **Regional Average:** 62
- **Global Average:** 61
- **Regional One Up:** 66
- **Regional One Down:** 63
- **Argentina:** 66
- **El Salvador:** 62

**Evolucion 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 2020*
**ECUADOR**

**GLOBAL SCORE:**

- **GLOBAL AVERAGE:** 61
- **REGIONAL ONE DOWN JAMAICA:** 69
- **ECUADOR:** 70
- **REGIONAL ONE UP PANAMA:** 73
- **REGIONAL AVERAGE LATIN AMERICA & CARIBBEAN:** 62

RISE scores (out of 100) per pillar 2019

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 54
- Legal framework for renewable energy: 67
- Planning for renewable energy expansion: 53
- Incentives and regulatory support for renewable energy: 67

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 50
- National energy efficiency planning: 100
- Renewable energy: 50
- Transport sector: 50
- Building energy codes: 70
- Energy labeling systems: 78
- Minimum energy efficiency performance standards: 75
- Attributes of financial and regulatory incentives: 43

**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 2020
EGYPT
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2019

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 2020
**EL SALVADOR**

**GLOBAL SCORE:**

![Graph showing RISE scores per pillar 2019](image)

**RENEWABLE ENERGY**
- Access to electricity: 100% of population
- Renewable energy: 25% of Total Final Energy Consumption
- Energy efficiency: 3.70 MJ per US$ PPP 2011

**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 2020
ERITREA
GLOBAL SCORE:

**DASHBOARD FOR SUSTAINABLE ENERGY**

Access to electricity: 50% of population
Access to clean cooking: 9% of population
Renewable energy: 78% of Total Final Energy Consumption
Energy efficiency: 4.30 MJ per US$ PPP 2011

**ELECTRICITY ACCESS**
- Electrification planning
  - Scope of officially approved electrification plan
  - Framework for grid electrification
  - Framework for standalone systems
  - Use of standards
- Consumer affordability of electricity
  - Last-mile distribution
  - Setting standards

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

**ENERGY EFFICIENCY**
- National energy efficiency planning
  - Energy efficiency entities
  - Energy labeling systems
  - Building energy codes
- Incentives and mandates: public sector
  - Incentives and mandates: utilities
  - Financing mechanisms for energy efficiency
  - Minimum energy efficiency performance standards

**CLEAN COOKING**
- Tracking progress
  - Financial incentives
  - Financing mechanisms
  - Setting standards
  - Use of standards
- Targeting beneficiaries
  - Creating awareness
  - Last-mile distribution

**REGIONAL AVERAGE**

<table>
<thead>
<tr>
<th>Region</th>
<th>Renewable Energy</th>
<th>Energy Efficiency</th>
<th>Clean Cooking</th>
<th>Electricity Access</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sub-Saharan Africa</td>
<td>38</td>
<td>15</td>
<td>14</td>
<td>0</td>
</tr>
<tr>
<td>Somalia</td>
<td>15</td>
<td>15</td>
<td>14</td>
<td>0</td>
</tr>
<tr>
<td>Central African Republic</td>
<td>14</td>
<td>20</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Global Average</td>
<td>61</td>
<td>15</td>
<td>14</td>
<td>15</td>
</tr>
</tbody>
</table>

**ERITREA**
- Access to electricity: 50% of population
- Access to clean cooking: 9% of population
- Renewable energy: 78% of Total Final Energy Consumption
- Energy efficiency: 4.30 MJ per US$ PPP 2011

**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 2020*
DASHBOARD FOR SUSTAINABLE ENERGY*

**Access to electricity:** 45% of population

**Access to clean cooking:** 5% of population

**Renewable energy:** 90% of Total Final Energy Consumption

**Energy efficiency:** 9.70 MJ per US$ PPP 2011

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**ETHIOPIA**

**GLOBAL SCORE:**

**GLOBAL AVERAGE**

**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

**ELECTRICITY ACCESS**

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: utilities

**ENERGY EFFICIENCY**

- Energy labeling systems
- Financing mechanisms for energy efficiency
- National energy efficiency performance standards
- Building energy codes
- Transport sector

**CLEAN COOKING**

- Financial incentives
- Financing mechanisms
- Labeling
- Setting standards
- Use of standards
- Creating awareness
- Last-mile distribution
- Targeting beneficiaries
- Planning scale-up
- Institutional capacity

**Ethiopia**

**Access to electricity:** 45% of population

**Access to clean cooking:** 5% of population

**Renewable energy:** 90% of Total Final Energy Consumption

**Energy efficiency:** 9.70 MJ per US$ PPP 2011

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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://trackingsgdp.esmap.org*

Source: World Bank, RISE 2020
**RISE scores (out of 100) per pillar 2019**

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 100
- Planning for renewable energy expansion: 90
- Incentives and regulatory support for renewable energy: 84

**RENEWABLE ENERGY**

- Counterparty risk: 81
- Network connection and pricing: 93
- Attributes of financial and regulatory incentives: 50
- Carbon pricing and monitoring: 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.

*Source: World Bank, RISE 2020*
DASHBOARD FOR SUSTAINABLE ENERGY*

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

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

Renewable energy: **15%** of Total Final Energy Consumption

Energy efficiency: **4.00** MJ per US$ PPP 2011

**France**

**Global Score:**

<table>
<thead>
<tr>
<th>2019</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>FRANCE</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
<th>OECD HIGH INCOME</th>
</tr>
</thead>
<tbody>
<tr>
<td>61</td>
<td></td>
<td></td>
<td>85</td>
<td>86</td>
<td>86</td>
<td>87</td>
</tr>
</tbody>
</table>

RISE scores (out of 100) per pillar 2019

**Renewable Energy**

- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 100
- Incentives and regulatory support for renewable energy: 88
- Planning for renewable energy expansion: 92
- Attributes of financial and regulatory incentives: 52

**Energy Efficiency**

- Carbon pricing and monitoring: 100
- Energy efficiency entities: 71
- National energy efficiency planning: 92
- Incentives and mandates: industrial and commercial end users: 50
- Incentives and mandates: public sector: 75
- Financing mechanisms for energy efficiency: 47
- Energy labeling systems: 65
- Building energy codes: 83
- Minimum energy efficiency performance standards: 50

**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 2020
GERMANY
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

- Access to electricity: 100% of population
- Access to clean cooking: 100% of population
- Renewable energy: 15% of Total Final Energy Consumption
- Energy efficiency: 3.50 MJ per US$ PPP 2011

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 2020

RISE scores (out of 100) per pillar 2019

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.
**GHANA**

**GLOBAL SCORE:**

**DASHBOARD FOR SUSTAINABLE ENERGY**

Access to electricity: **82%** of population
Access to clean cooking: **28%** of population
Renewable energy: **40%** of Total Final Energy Consumption
Energy efficiency: **3.30** MJ per US$ PPP 2011

**RISE scores (out of 100) per pillar 2019**

<table>
<thead>
<tr>
<th>PILLAR</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN NIGERIA</th>
<th>GHANA</th>
<th>REGIONAL ONE UP KENYA</th>
<th>REGIONAL AVERAGE SUB-SAHARAN AFRICA</th>
</tr>
</thead>
<tbody>
<tr>
<td>RENEWABLE ENERGY</td>
<td>61</td>
<td>56</td>
<td>60</td>
<td>70</td>
<td>38</td>
</tr>
<tr>
<td>ENERGY EFFICIENCY</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>ELECTRICITY ACCESS</td>
<td></td>
<td></td>
<td></td>
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</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://trackingsgd7.esmap.org*
Source: World Bank, RISE 2020
**RISE scores (out of 100) per pillar 2019**

**RENEWABLE ENERGY**
- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 93
- Planning for renewable energy expansion: 79
- Incentives and regulatory support for renewable energy: 60
- Attributes of financial and regulatory incentives: 67

**ENERGY EFFICIENCY**
- Carbon pricing and monitoring: 50
- National energy efficiency planning: 50
- Energy efficiency entities: 67
- Incentives and mandates: industrial and commercial end users: 54
- Incentives and mandates: public sector: 63
- Incentives and mandates: utilities: 58
- Financing mechanisms for energy efficiency: 22
- Minimum energy efficiency performance standards: 93
- Energy labeling systems: 54
- Building energy codes: 93
- Transport sector: 100
- Network connection and pricing: 60
- Counterparty risk: 79

**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 2020
GUATEMALA
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 95% of population
Access to clean cooking: 46% of population
Renewable energy: 64% of Total Final Energy Consumption
Energy efficiency: 4.60 MJ per US$ PPP 2011

GLOBAL AVERAGE  REGIONAL ONE DOWN NICARAGUA  GUATEMALA  REGIONAL ONE UP  REGIONAL AVERAGE LATIN AMERICA & CARIBBEAN
2019 61 41 52 N/A 62

RISE scores (out of 100) per pillar 2019

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.

Source: World Bank, RISE 2020
GUINEA
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*
Access to electricity: 44% of population
Access to clean cooking: 5% of population
Renewable energy: 77% of Total Final Energy Consumption
Energy efficiency: 5.90 MJ per US$ PPP 2011

GLOBAL AVERAGE
REGIONAL ONE DOWN
REGIONAL ONE UP
REGIONAL AVERAGE

GUINEA

61
20
21
25
38

RISE scores (out of 100) per pillar 2019

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://trackinggdg7.esmap.org
Source: World Bank, RISE 2020
HAITI
GLOBAL SCORE:

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

**DASHBOARD FOR SUSTAINABLE ENERGY**

Access to electricity: **45%** of population
Access to clean cooking: **5%** of population
Renewable energy: **76%** of Total Final Energy Consumption
Energy efficiency: **10.40 MJ per US$ PPP 2011**

**HAITI**

**Globally**

**Regional One Down**

**Regional One Up**

**Regional Average**

**2019**

**61**

**N/A**

**29**

**36**

**62**

RISE scores (out of 100) per pillar 2019

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 60
- Counterparty risk: 8
- Network connection and pricing: 31
- Attributes of financial and regulatory incentives: 13
- Legal framework for renewable energy: 25
- Planning for renewable energy expansion: 10
- Incentives and regulatory support for renewable energy: 22

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 0
- Transport sector: 0
- Building energy codes: 0
- Energy labeling systems: 0
- Minimum energy efficiency performance standards: 0
- National energy efficiency planning: 0
- Incentives and mandates: industrial and commercial end users: 0
- Incentives and mandates: public sector: 0
- Incentives and mandates: utilities: 63
- Incentives and mandates: non-energy end users: 0
- Financing for energy efficiency: 0

**CLEAN COOKING**

- Financial incentives: 0
- Financing mechanisms: 0
- Labeling: 0
- Setting standards: 50
- Use of standards: 0
- Last-mile distribution: 0
- Creating awareness: 0
- Planning scale-up: 0
- Institutional capacity: 13
- Targeting beneficiaries: 0
- Tracking progress: 0

**ELECTRICITY ACCESS**

- Utility creditworthiness: 0
- Consumer affordability of electricity: 0
- Scope of officially approved electrification plan: 0
- Framework for grid electrification: 0
- Framework for standalone systems: 0
- Framework for mini grids: 0
- Electrification planning: 38
- Utility transparency and monitoring: 79
- Electrification incentives: 100

**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 2020*
**Honduras Global Score:**

**Renewable Energy**
- Carbon pricing and monitoring: 50
- Counterparty risk: 46
- Network connection and pricing: 67
- Attributes of financial and regulatory incentives: 16
- Legal framework for renewable energy: 80
- Planning for renewable energy expansion: 40

**Energy Efficiency**
- Carbon pricing and monitoring: 0
- Transport sector: 17
- Building energy codes: 0
- Energy labeling systems: 30
- Minimum energy efficiency performance standards: 13
- Financing mechanisms for energy efficiency: 0
- Energy efficiency entities: 42
- Incentives and mandates: industrial and commercial end users: 0
- Incentives and mandates: public sector: 29

**Clean Cooking**
- Financial incentives: 50
- Financing mechanisms: 0
- Labeling: 0
- Setting standards: 100
- Use of standards: 75
- Last-mile distribution: 0
- Creating awareness: 0
- Planning scale-up: 100
- Institutional capacity: 0
- Targeting beneficiaries: 0

**Electricity Access**
- Utility creditworthiness: 0
- Utility transparency and monitoring: 88
- Consumer affordability of electricity: 94
- Scope of officially approved electrification plan: 0
- Framework for grid electrification: 33
- Framework for standalone systems: 19
- Framework for mini grids: 55

**Global Score:**
- RISE scores (out of 100) per pillar 2019
- Regional One Up: Nicaragua
- Regional One Down: Haiti
- Global Average: 61
- Honduras: 36
- Regional Average: Latin America & Caribbean: 62

**DASHBOARD FOR SUSTAINABLE ENERGY**

Access to electricity: 92% of population
Access to clean cooking: 57% of population
Renewable energy: 53% of Total Final Energy Consumption
Energy efficiency: 6.00 MJ per US$ PPP 2011

**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 2020
**HUNGARY**

**GLOBAL SCORE:**

<table>
<thead>
<tr>
<th>2019</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN IRELAND</th>
<th>HUNGARY</th>
<th>REGIONAL ONE UP KOREA, REP.</th>
<th>REGIONAL AVERAGE OECD HIGH INCOME</th>
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<tbody>
<tr>
<td>61</td>
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<td>91</td>
<td>91</td>
<td>92</td>
<td>87</td>
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</table>

RISE scores (out of 100) per pillar 2019

**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: utilities
- Incentives and mandates: public sector
- Attributes of financial and regulatory incentives
- Network connection and pricing
- Counterparty risk
- Carbon pricing and monitoring
- Building energy codes
- Energy labeling systems
- Minimum energy efficiency performance standards
- Financing mechanisms for energy efficiency

**EVOLUTION OF RISE SCORE SINCE 2010**

- Hungary - Renewable Energy
- OECD High Income - Renewable Energy
- Hungary - Energy Efficiency
- 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://trackingsdg7.esmap.org*

Source: Source: World Bank, RISE 2020
INDIA
GLOBAL SCORE:

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<thead>
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<th>2019</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>BANGLADESH</th>
<th>REGIONAL ONE UP</th>
<th>INDIYA</th>
<th>REGIONAL AVERAGE</th>
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</table>

RISE scores (out of 100) per pillar 2019

RENEWABLE ENERGY

- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 100
- Planning for renewable energy expansion: 100
- Counterparty risk: 75
- Network connection and pricing: 87
- Attributes of financial and regulatory incentives: 95

ENERGY EFFICIENCY

- Carbon pricing and monitoring: 100
- National energy efficiency planning: 100
- Transport sector: 100
- Energy efficiency entities: 100
- Incentives and mandates: industrial and commercial end users: 100
- Incentives and mandates: public sector: 100
- Incentives and mandates: utilities: 100
- Building energy codes: 80
- Energy labeling systems: 98
- Minimum energy efficiency performance standards: 95
- Financing mechanisms for energy efficiency: 77

CLEAN COOKING

- Financial incentives: 100
- Financing mechanisms: 100
- Labeling: 50
- Setting standards: 75
- Use of standards: 100
- Last-mile distribution: 100
- Creating awareness: 100
- Targeting beneficiaries: 100
- Tracking progress: 100
- Planning scale-up: 100
- Institutional capacity: 100

ELECTRICITY ACCESS

- Utility creditworthiness: 60
- Electrification planning: 89
- Scope of officially approved electrification plan: 24
- Framework for grid electrification: 69
- Framework for standalone systems: 78
- Consumer affordability of electricity: 96
- Utility transparency and monitoring: 100

GLOBAL AVERAGE

Access to electricity: 95% of population
Access to clean cooking: 49% of population
Renewable energy: 32% of Total Final Energy Consumption
Energy efficiency: 4.20 MJ per US$ PPP 2011

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

*https://trackingsgdp7.ESMAP.org
Source: World Bank, RISE 2020
INDONESIA
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 99% of population
Access to clean cooking: 80% of population
Renewable energy: 35% of Total Final Energy Consumption
Energy efficiency: 3.50 MJ per US$ PPP 2011

GLOBAL AVERAGE  REGIONAL ONE DOWN  INDONESIA  REGIONAL ONE UP  REGIONAL AVERAGE

2019

61  54  58  81  52

RISE scores (out of 100) per pillar 2019

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 2020
IRAN
GLOBAL SCORE:

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: 7.10 MJ per US$ PPP 2011

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: Source: World Bank, RISE 2020

RISE scores (out of 100) per pillar 2019

RENEWABLE ENERGY

ENERGY EFFICIENCY

EVOLUTION OF RISE SCORE SINCE 2010

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

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

**RENEWABLE ENERGY**
- 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 regulatory support for renewable energy
- Minimum energy efficiency performance standards
- Financing mechanisms for energy efficiency
- Building energy codes
- Energy labeling systems

**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: Source: World Bank, RISE 2020
ISRAEL
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2019

= GLOBAL AVERAGE = REGIONAL ONE DOWN = ISRAEL = REGIONAL ONE UP = REGIONAL AVERAGE

<table>
<thead>
<tr>
<th>2019</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>ISRAEL</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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</thead>
<tbody>
<tr>
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<td>61</td>
<td>GREECE</td>
<td>81</td>
<td>SWEDEN</td>
<td>83</td>
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<tr>
<td>RENEWABLE ENERGY</td>
<td>83</td>
<td>ISRAEL</td>
<td>83</td>
<td>OECD HIGH INCOME</td>
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</tr>
</tbody>
</table>

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: Source: World Bank, RISE 2020
**ITALY**

**GLOBAL SCORE:**

![Graph showing RISE scores per pillar 2019]

**RENWABLE ENERGY**

- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 80
- Planning for renewable energy expansion: 97
- Incentives and regulatory support for renewable energy: 94
- Attributes of financial and regulatory incentives: 50

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 100
- National energy efficiency planning: 93
- Energy efficiency entities: 100
- Incentives and mandates: industrial and commercial end users: 63
- Incentives and mandates: public sector: 50
- Incentives and mandates: utilities: 80

**EVOLUTION OF RISE SCORE SINCE 2010**

![Graph showing RISE scores evolution since 2010]

**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: 3.00 MJ per US$ PPP 2011

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 2020
**Jamaica**

**Global Score:**

<table>
<thead>
<tr>
<th>2019</th>
<th>Global Average</th>
<th>Regional One Down</th>
<th>Jamaica</th>
<th>Regional One Up</th>
<th>Regional Average</th>
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<td></td>
<td>61</td>
<td>66</td>
<td>69</td>
<td>70</td>
<td>62</td>
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</tbody>
</table>

RISE scores (out of 100) per pillar 2019

**Renewable Energy**

- Carbon pricing and monitoring: 60
- Legal framework for renewable energy: 66
- Planning for renewable energy expansion: 58
- Incentives and regulatory support for renewable energy: 54

**Energy Efficiency**

- Carbon pricing and monitoring: 40
- National energy efficiency planning: 52
- Transport sector: 100
- Energy efficiency entities: 0
- Incentives and mandates: industrial and commercial end users: 67
- Incentives and mandates: public sector: 50
- Incentives and mandates: utilities: 37
- Building energy codes: 42
- Energy labeling systems: 23
- Minimum energy efficiency performance standards: 50
- Financing mechanisms for energy efficiency: 90

**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: Source: World Bank, RISE 2020

**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: 4.80 MJ per US$ PPP 2011
JAPAN
GLOBAL SCORE:

 RISE scores (out of 100) per pillar 2019

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://trackingsgf.esmap.org

Source: Source: World Bank, RISE 2020
RISE scores (out of 100) per pillar 2019

RENEWABLE ENERGY

- Carbon pricing and monitoring: 75
- Legal framework for renewable energy: 64
- Planning for renewable energy expansion: 100
- Incentives and regulatory support for renewable energy: 92
- Attributes of financial and regulatory incentives: 50

ENERGY EFFICIENCY

- National energy efficiency planning: 73
- Energy efficiency entities: 100
- Transport sector: 17
- Building energy codes: 73
- Minimum energy efficiency performance standards: 83
- Energy labeling systems: 100
- Financing mechanisms for energy efficiency: 39
- Incentives and mandates: public sector: 63
- Incentives and mandates: industrial and commercial end users: 83

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: The World Bank, RISE 2020
**RISE scores (out of 100) per pillar 2019**

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<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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**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: utilities

**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: **2%** of Total Final Energy Consumption
- Energy efficiency: **8.20** MJ per US$ PPP 2011

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: Source: World Bank, RISE 2020
## KENYA

**GLOBAL SCORE:**

<table>
<thead>
<tr>
<th>RISE scores (out of 100) per pillar 2019</th>
<th>GLOBAL AVERAGE</th>
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<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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<td>Legal framework for renewable energy</td>
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<td>Planning for renewable energy expansion</td>
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<td>Incentives and regulatory support for renewable energy</td>
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<td><strong>RENEWABLE ENERGY</strong></td>
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<td><strong>CLEAN COOKING</strong></td>
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<td><strong>ELECTRICITY ACCESS</strong></td>
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<td>Setting standards</td>
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<tr>
<td>Planning scale-up</td>
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<td>Institutional capacity</td>
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<td><strong>Energy efficiency entities</strong></td>
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<td>Incentives and mandates: public sector</td>
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<td><strong>Building energy codes</strong></td>
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<tr>
<td><strong>Incentives and mandates: utilities</strong></td>
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</tr>
</tbody>
</table>

### DASHBOARD FOR SUSTAINABLE ENERGY*

- **Access to electricity:** 75% of population
- **Access to clean cooking:** 10% of population
- **Renewable energy:** 72% of Total Final Energy Consumption
- **Energy efficiency:** 7.60 MJ per US$ PPP 2011

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*https://trackingsgd7.esmap.org

Source: World Bank, RISE 2020

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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.
KOREA, REP.
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2019

**RENEWABLE ENERGY**

- **Carbon pricing and monitoring**: 100 points
- **Legal framework for renewable energy**: 80 points
- **Planning for renewable energy expansion**: 88 points
- **Incentives and regulatory support for renewable energy**: 67 points
- **Network connection and pricing**: 92 points
- **Counterparty risk**: 60 points
- **Attributes of financial and regulatory incentives**: 81 points

**ENERGY EFFICIENCY**

- **Carbon pricing and monitoring**: 100 points
- **National energy efficiency planning**: 93 points
- **Energy efficiency entities**: 100 points
- **Incentives and mandates: industrial and commercial end users**: 100 points
- **Incentives and mandates: public sector**: 100 points
- **Incentives and mandates: utilities**: 75 points
- **Financing mechanisms for energy efficiency**: 65 points
- **Minimum energy efficiency performance standards**: 100 points
- **Building energy codes**: 100 points
- **Energy labeling systems**: 100 points
- **Transport sector**: 100 points

**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: 3% of Total Final Energy Consumption

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

Source: Source: World Bank, RISE 2020
KOSOVO
GLOBAL SCORE:

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>
</tr>
<tr>
<td>Access to clean cooking</td>
<td>100%</td>
</tr>
<tr>
<td>Renewable energy</td>
<td>0% of Total Final Energy Consumption</td>
</tr>
<tr>
<td>Energy efficiency</td>
<td>N/A MJ per US$ PPP 2011</td>
</tr>
</tbody>
</table>

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: Source: World Bank, RISE 2020

RISE scores (out of 100) per pillar 2019

RENEWABLE ENERGY

ENERGY EFFICIENCY

EVOLUTION OF RISE SCORE SINCE 2010
**RISE scores (out of 100) per pillar 2019**

**ENERGY EFFICIENCY**

- **Carbon pricing and monitoring**: 50
- **Legal framework for renewable energy**: 60
- **Planning for renewable energy expansion**: 5
- **Incentives and regulatory support for renewable energy**: 28
- **Counterparty risk**: 17
- **Network connection and pricing**: 7

**RENEWABLE ENERGY**

- **Carbon pricing and monitoring**: 17
- **Building energy codes**: 67
- **Energy labeling systems**: 30
- **Minimum energy efficiency performance standards**: 25
- **Energy efficiency entities**: 50
- **Incentives and mandates: industrial and commercial end users**: 77
- **Incentives and mandates: utilities**: 58
- **Incentives and mandates: public sector**: 38
- **Incentives and mandates: utilities**: 63
- **Financing mechanisms for energy efficiency**: 20

---

**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**: 5.30 MJ per US$ PPP 2011

---

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

*https://trackingsgdf.esmap.org*

Source: Source: World Bank, RISE 2020
**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:** 7.70 MJ per US$ PPP 2011

**Kyrgyz Republic**

**GLOBAL AVERAGE**

- **2019:** 61
- **2017:** 51

**2019**

<table>
<thead>
<tr>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN AZERBAIJAN</th>
<th>KYRGYZ REPUBLIC</th>
<th>REGIONAL ONE UP TAJIKISTAN</th>
<th>REGIONAL AVERAGE EUROPE &amp; CENTRAL ASIA</th>
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<tbody>
<tr>
<td>61</td>
<td>48</td>
<td>51</td>
<td>59</td>
<td>69</td>
</tr>
</tbody>
</table>

**RISE scores (out of 100) per pillar 2019**

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 28
- Legal framework for renewable energy: 60
- Incentives and regulatory support for renewable energy: 4
- Planning for renewable energy expansion: 27
- Minimum energy efficiency performance standards: 33
- Building energy codes: 47
- Energy labeling systems: 23
- Attributes of financial and regulatory incentives: 33

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 0
- National energy efficiency planning: 50
- Energy efficiency entities: 8
- Incentives and mandates: industrial and commercial end users: 0
- Transport sector: 26
- Incentives and mandates: public sector: 35
- Building energy codes: 0
- Energy labeling systems: 25
- Incentives and regulatory support for renewable energy: 75
- Financing mechanisms for energy efficiency: 35

**EVOLUTION OF RISE SCORE SINCE 2010**

- Kyrgyz Republic - Renewable Energy
- Kyrgyz Republic - Energy Efficiency
- Europe & Central Asia - Renewable Energy
- Europe & Central Asia - Energy Efficiency

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: Source: World Bank, RISE 2020
LAO PDR
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2019

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.

Source: World Bank, RISE 2020
LEBANON
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2019

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: 3% of Total Final Energy Consumption
- Energy efficiency: 4.80 MJ per US$ PPP 2011

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 2020
Liberia Global Score: 25

**Renewable Energy**
- Access to electricity: 26% of population
- Access to clean cooking: 5% of population
- Renewable energy: 85% of Total Final Energy Consumption
- Energy efficiency: 17.60 MJ per US$ PPP 2011

**Energy Efficiency**
- Carbon pricing and monitoring: 80
- National energy efficiency planning: 33
- Energy efficiency entities: 8
- Incentives and mandates: industrial and commercial end users: 33
- Incentives and mandates: public sector: 8
- Incentives and mandates: utilities: 0

**Clean Cooking**
- Financial incentives: 67
- Planning scale-up: 100
- Institutional capacity: 75
- Targeting beneficiaries: 13
- Creating awareness: 13

**Electricity Access**
- Utility creditworthiness: 63
- Electrification planning: 40
- Scope of officially approved electrification plan: 60
- Framework for grid electrification: 45
- Framework for mini grids: 44
- Consumer affordability of electricity: 56
- Use of standards: 10
- Last-mile distribution: 13
- Setting standards: 0
- Labeling: 0
- Financing mechanisms: 0
- Tracking progress: 0

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

*https://trackingsgdp7.esmap.org
Source: World Bank, RISE 2020
**MADAGASCAR**

**GLOBAL SCORE:**

<table>
<thead>
<tr>
<th>2017</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td>32</td>
</tr>
</tbody>
</table>

**RENTERABLE ENERGY**

- **2019**
  - **GLOBAL AVERAGE:** 61
  - **REGIONAL ONE DOWN:** 32
  - **MADAGASCAR:** 32
  - **REGIONAL ONE UP:** 33
  - **REGIONAL AVERAGE:** 38

**CLEAN COOKING**

- **2019**
  - **GLOBAL AVERAGE:** 48

**ENERGY EFFICIENCY**

- **2019**
  - **GLOBAL AVERAGE:** 12

**ELECTRICITY ACCESS**

- **2019**
  - **GLOBAL AVERAGE:** 33

---

**DASHBOARD FOR SUSTAINABLE ENERGY**

- **Access to electricity:** 26% of population
- **Access to clean cooking:** 5% of population
- **Renewable energy:** 83% of Total Final Energy Consumption
- **Energy efficiency:** 8.90 MJ per US$ PPP 2011

**MADAGASCAR**

- **Access to electricity:** 26% of population
- **Access to clean cooking:** 5% of population
- **Renewable energy:** 83% of Total Final Energy Consumption
- **Energy efficiency:** 8.90 MJ per US$ PPP 2011

---

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

*https://trackingsgdp.esmap.org*

Source: World Bank, RISE 2020
**MALAWI**

**GLOBAL SCORE:**

<table>
<thead>
<tr>
<th>2019</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>MALAWI</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>61</td>
<td>ZIMBABWE</td>
<td>45</td>
<td>BENIN</td>
<td>48</td>
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<td></td>
<td>46</td>
<td></td>
<td></td>
<td></td>
<td>38</td>
</tr>
</tbody>
</table>

RISE scores (out of 100) per pillar 2019

**RENEWABLE ENERGY**

- Legal framework for renewable energy: 80
- Planning for renewable energy expansion: 76
- Counterparty risk: 74
- Network connection and pricing: 53
- Attributes of financial and regulatory incentives: 67

**ENERGY EFFICIENCY**

- National energy efficiency planning: 77
- Energy efficiency entities: 75
- Incentives and mandates: industrial and commercial end users: 38
- Incentives and mandates: public sector: 13
- Incentives and mandates: utilities: 0
- Energy labeling systems: 0
- Minimum energy efficiency performance standards: 22
- Transport sector: 0
- Building energy codes: 0
- Financing mechanisms for energy efficiency: 100
- Carbon pricing and monitoring: 0

**CLEAN COOKING**

- Tracking progress: 50
- Financing mechanisms: 50
- Setting standards: 33
- Use of standards: 0
- Creating awareness: 100
- Last-mile distribution: 0
- Targeting beneficiaries: 0
- Financial incentives: 0

**ELECTRICITY ACCESS**

- Electrification planning: 61
- Scope of officially approved electrification plan: 92
- Framework for mini grids: 77
- Framework for standalone systems: 39
- Consumer affordability of electricity: 52
- Utility creditworthiness: 75
- Utility transparency and monitoring: 25
- Financing mechanisms: 50

**DASHBOARD FOR SUSTAINABLE ENERGY**

- Access to electricity: 18% of population
- Access to clean cooking: 5% of population
- Renewable energy: 76% of Total Final Energy Consumption
- Energy efficiency: 4.10 MJ per US$ PPP 2011

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 2020*
RISE scores (out of 100) per pillar 2019

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 2020

GLOBAL AVERAGE
REGIONAL ONE DOWN
INDONESIA
REGIONAL ONE UP
THAILAND
REGIONAL AVERAGE
EAST ASIA & PACIFIC

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

Access to electricity: 100% of population
Access to clean cooking: 100% of population
Renewable energy: 5% of Total Final Energy Consumption
Energy efficiency: 4.20 MJ per US$ PPP 2011
RISE scores (out of 100) per pillar 2019

**RENEWABLE ENERGY**
- Carbon pricing and monitoring: 0
- Legal framework for renewable energy: 80
- Planning for renewable energy expansion: 21
- Incentives and regulatory support for renewable energy: 33
- Counterparty risk: 12
- Network connection and pricing: 17
- Attributes of financial and regulatory incentives: 33

**ENERGY EFFICIENCY**
- Carbon pricing and monitoring: 0
- National energy efficiency planning: 0
- Energy efficiency entities: 12
- Incentives and mandates: industrial and commercial end users: 0
- Incentives and mandates: public sector: 0
- Incentives and mandates: utilities: 0
- Transport sector: 10
- Building energy codes: 10
- Energy labeling systems: 0
- Minimum energy efficiency performance standards: 0
- Financing mechanisms for energy efficiency: 24

**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: 3.30 MJ per US$ PPP 2011

**MALDIVES**

**GLOBAL SCORE:**
- **GLOBAL AVERAGE:** 61
- **REGIONAL ONE DOWN:** 33
- **MALDIVES:** 47
- **REGIONAL ONE UP:** 52
- **REGIONAL AVERAGE:** 52

**2019**
- **GLOBAL SCORE:** 61
- **REGIONAL ONE DOWN:** 33
- **MALDIVES:** 47
- **REGIONAL ONE UP:** 52
- **REGIONAL AVERAGE:** 52

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

*Source: Source: World Bank, RISE 2020*
Mali Global Score:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: **51%** of population
Access to clean cooking: **5%** of population
Renewable energy: **59%** of Total Final Energy Consumption
Energy efficiency: **2.60** MJ per US$ PPP 2011

<table>
<thead>
<tr>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>MALI</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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<tr>
<td>61</td>
<td>33</td>
<td>37</td>
<td>40</td>
<td>38</td>
</tr>
</tbody>
</table>

RISE scores (out of 100) per pillar 2019

### Renewable Energy

- **Carbon pricing and monitoring**: 0
- **Counterparty risk**: 10
- **Network connection and pricing**: 7
- **Legal framework for renewable energy**: 80
- **Planning for renewable energy expansion**: 86
- **Incentives and regulatory support for renewable energy**: 72

### Energy Efficiency

- **Carbon pricing and monitoring**: 0
- **Energy efficiency entities**: 67
- **Incentives and mandates: industrial and commercial end users**: 0
- **Incentives and mandates: public sector**: 0
- **Incentives and mandates: utilities**: 57
- **National energy efficiency planning**: 39
- **Energy labeling systems**: 0
- **Minasium energy efficiency performance standards**: 0
- **Financing mechanisms for energy efficiency**: 0

### Clean Cooking

- **Financial incentives**: 50
- **Labeling**: 0
- **Setting standards**: 0
- **Tracking progress**: 0
- **Use of standards**: 0
- **Creating awareness**: 100
- **Last-mile distribution**: 75
- **Planning scale-up**: 100
- **Institutional capacity**: 67
- **Targeting beneficiaries**: 0

### Electricity Access

- **Utility creditworthiness**: 0
- **Utility transparency and monitoring**: 31
- **Consumer affordability of electricity**: 0
- **Scope of officially approved electrification plan**: 67
- **Framework for grid electrification**: 44
- **Framework for standalone systems**: 0
- **Electrification planning**: 29
- **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://trackingsgdp.esmap.org*

Source: World Bank, RISE 2020
RISE scores (out of 100) per pillar 2019

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 45% of population
Access to clean cooking: 43% of population
Renewable energy: 23% of Total Final Energy Consumption
Energy efficiency: 4.60 MJ per US$ PPP 2011

GLOBAL AVERAGE
REGIONAL ONE DOWN
REGIONAL ONE UP
REGIONAL AVERAGE

MADAGASCAR
BURKINA FASO
SUB-SAHARAN AFRICA

32
33
38

Globally
Regional

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

*https://trackingsgdp.esmap.org
Source: World Bank, RISE 2020
**MEXICO**

**GLOBAL SCORE:**

<table>
<thead>
<tr>
<th>2019</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>MEXICO</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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<td>89</td>
<td>N/A</td>
<td>62</td>
</tr>
</tbody>
</table>

RISE scores (out of 100) per pillar 2019

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 100%
- Legal framework for renewable energy: 80%
- Planning for renewable energy expansion: 82%
- Incentives and regulatory support for renewable energy: 72%
- Attributes of financial and regulatory incentives: 89%
- Network connection and pricing: 75%
- Counterparty risk: 65%

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 100%
- National energy efficiency planning: 86%
- Incentives and mandates: industrial and commercial end users: 90%
- Incentives and mandates: public sector: 75%
- Energy efficiency entities: 83%
- Incentives and mandates: utilities: 93%
- Energy labeling systems: 100%
- Building energy codes: 73%
- Minimum energy efficiency performance standards: 88%
- Financing mechanisms for energy efficiency: 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://trackingsdg.esmap.org*

Source: Source: World Bank, RISE 2020

**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: **3.40** MJ per US$ PPP 2011

Mexico - Renewable Energy

Mexico - Energy Efficiency

Latin America & Caribbean - Renewable Energy

Latin America & Caribbean - Energy Efficiency
DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 98% of population
Access to clean cooking: 50% of population
Renewable energy: 4% of Total Final Energy Consumption
Energy efficiency: 5.90 MJ per US$ PPP 2011

Global scores (out of 100) per pillar 2019

<table>
<thead>
<tr>
<th>Renovable Energy</th>
<th>Energy Efficiency</th>
<th>Clean Cooking</th>
<th>Electricity Access</th>
</tr>
</thead>
<tbody>
<tr>
<td>Legal framework for renewable energy</td>
<td>Carbon pricing and monitoring</td>
<td>Financial incentives</td>
<td>Electrification planning</td>
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<tr>
<td>Planning for renewable energy expansion</td>
<td>Transport sector</td>
<td>Financing mechanisms</td>
<td>Scope of officially approved electrification plan</td>
</tr>
<tr>
<td>Incentives and regulatory support for renewable energy</td>
<td>Building energy codes</td>
<td>Energy efficiency entities</td>
<td>Framework for grid electrification</td>
</tr>
<tr>
<td>Attributes of financial and regulatory incentives</td>
<td>Energy labeling systems</td>
<td>Incentives and mandates: industrial and commercial end users</td>
<td>Framework for standalone systems</td>
</tr>
<tr>
<td>Network connection and pricing</td>
<td>Micro energy efficiency performance standards</td>
<td>Incentives and mandates: public sector</td>
<td>Consumer affordability of electricity</td>
</tr>
<tr>
<td>Counterparty risk</td>
<td>Financing mechanisms for energy efficiency</td>
<td>Incentives and mandates: utilities</td>
<td>Use of standards</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 2020

*https://trackingsgdp.esmap.org
RISE scores (out of 100) per pillar 2019

### RENEWABLE ENERGY

- **Carbon pricing and monitoring**: 70%
- **Legal framework for renewable energy**: 57%
- **Planning for renewable energy expansion**: 48%
- **Incentives and regulatory support for renewable energy**: 39%
- **Attributes of financial and regulatory incentives**: 33%

### ENERGY EFFICIENCY

- **Carbon pricing and monitoring**: 61%
- **National energy efficiency planning**: 63%
- **Energy efficiency entities**: 63%
- **Incentives and mandates: industrial and commercial end users**: 58%
- **Incentives and mandates: utilities**: 50%
- **Incentives and mandates: public sector**: 77%
- **Minimum energy efficiency performance standards**: 96%
- **Financing mechanisms for energy efficiency**: 92%
- **Building energy codes**: 63%
- **Energy labeling systems**: 65%
- **Transport sector**: 33%

### EVOLUTION OF RISE SCORE SINCE 2010

- **Montenegro - Renewable Energy**
- **Europe & Central Asia - Renewable Energy**
- **Montenegro - Energy Efficiency**
- **Europe & Central Asia - Energy Efficiency**

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: Source: World Bank, RISE 2020
RISE scores (out of 100) per pillar 2019

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 71
- Legal framework for renewable energy: 50
- Planning for renewable energy expansion: 81
- Incentives and regulatory support for renewable energy: 80
- Attributes of financial and regulatory incentives: 40
- Network connection and pricing: 83
- Counterparty risk: 65

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 60
- National energy efficiency planning: 100
- Energy efficiency entities: 50
- Incentives and mandates: industrial and commercial end users: 93
- Transport sector: 47
- Building energy codes: 29
- Energy labeling systems: 23
- Minimum energy efficiency performance standards: 90
- Financing mechanisms for energy efficiency: 44
- Incentives and mandates: public sector: 38
- Incentives and mandates: utilities: 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://trackingsg7.esmap.org*

Source: World Bank, RISE 2020
MOZAMBIQUE
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 31% of population
Access to clean cooking: 5% of population
Renewable energy: 60% of Total Final Energy Consumption
Energy efficiency: 13.20 MJ per US$ PPP 2011

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 2020

*https://trackingsgd7.esmap.org

RISE scores (out of 100) per pillar 2019

GLOBAL AVERAGE
REGIONAL ONE DOWN
REGIONAL ONE UP
REGIONAL AVERAGE
BURUNDI
MOZAMBIQUE
CONGO, DEM. REP.
SUB-SAHARAN AFRICA

2019
61
15
19
20
38

RENEWABLE ENERGY

ENERGY EFFICIENCY

CLEAN COOKING

ELECTRICITY ACCESS
MYANMAR
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 66% of population
Access to clean cooking: 28% of population
Renewable energy: 61% of Total Final Energy Consumption
Energy efficiency: 3.20 MJ per US$ PPP 2011

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 2020
**RISE scores (out of 100) per pillar 2019**

**NEPAL GLOBAL SCORE:**

**RENEWABLE ENERGY**

- **Carbon pricing and monitoring:** 0
- **Counterparty risk:** 58
- **Network connection and pricing:** 29
- **Legal framework for renewable energy:** 80
- **Planning for renewable energy expansion:** 19
- **Incentives and regulatory support for renewable energy:** 58
- **Attributes of financial and regulatory incentives:** 52

**ENERGY EFFICIENCY**

- **Carbon pricing and monitoring:** 0
- **Transport sector:** 50
- **Building energy codes:** 83
- **Energy labeling systems:** 0
- **National 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: utilities:** 0

**CLEAN COOKING**

- **Financial incentives:** 100
- **Financing mechanisms:** 50
- **Labeling:** 0
- **Setting standards:** 100
- **Use of standards:** 100
- **Last-mile distribution:** 75
- **Creating awareness:** 100
- **Tracking progress:** 0
- **Planning scale-up:** 67
- **Institutional capacity:** 100
- **Targeting beneficiaries:** 100

**ELECTRICITY ACCESS**

- **Utility creditworthiness:** 100
- **Consumer affordability of electricity:** 0
- **Framework for mini grids:** 75
- **Framework for standalone systems:** 100
- **Scope of officially approved electrification plan:** 0
- **Framework for grid electrification:** 58
- **Utility transparency and monitoring:** 75
- **Electrification planning:** 50

---

**DASHBOARD FOR SUSTAINABLE ENERGY**

Access to electricity: **94%** of population  
Access to clean cooking: **29%** of population  
Renewable energy: **77%** of Total Final Energy Consumption  
Energy efficiency: **7.80 MJ per US$ PPP 2011**

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 2020
## RISE scores (out of 100) per pillar 2019

### RENEWABLE ENERGY

- **Carbon pricing and monitoring:** 80
- **Legal framework for renewable energy:** 100
- **Planning for renewable energy expansion:** 82
- **Incentives and regulatory support for renewable energy:** 77
- **Attributes of financial and regulatory incentives:** 49
- **Counterparty risk:** 75
- **Network connection and pricing:** 82

### ENERGY EFFICIENCY

- **Carbon pricing and monitoring:** 100
- **National energy efficiency planning:** 97
- **Energy efficiency entities:** 100
- **Incentives and mandates: industrial and commercial end users:** 67
- **Incentives and mandates: public sector:** 100
- **Incentives and mandates: utilities:** 83
- **Minimum energy efficiency performance standards:** 80
- **Financing mechanisms for energy efficiency:** 30

### EVOLUTION OF RISE SCORE SINCE 2010

[Graph showing the evolution of RISE scores since 2010 for various countries and indicators.]

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

*Source: World Bank, RISE 2020*
NEW ZEALAND
GLOBAL SCORE:

<table>
<thead>
<tr>
<th>2019</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>NEW ZEALAND</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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<tbody>
<tr>
<td>61</td>
<td>70</td>
<td>75</td>
<td>80</td>
<td>87</td>
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RISE scores (out of 100) per pillar 2019

RENEWABLE ENERGY

- Carbon pricing and monitoring: 63%
- Legal framework for renewable energy: 88%
- Planning for renewable energy expansion: 83%
- Incentives and regulatory support for renewable energy: 33%
- Network connection and pricing: 8%
- Attributes of financial and regulatory incentives: 66%
- Counterparty risk: 100%

ENERGY EFFICIENCY

- Carbon pricing and monitoring: 83%
- National energy efficiency planning: 83%
- Energy efficiency entities: 92%
- Incentives and mandates: industrial and commercial end users: 25%
- Incentives and mandates: public sector: 17%
- Incentives and mandates: utilities: 42%
- Attributes of financial and regulatory incentives: 83%
- Minimum energy efficiency performance standards: 33%
- Energy labeling systems: 100%
- Building energy codes: 83%
- Transport sector: 100%

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: Source: World Bank, RISE 2020
NICARAGUA
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

- Access to electricity: 88% of population
- Access to clean cooking: 48% of population
- Renewable energy: 47% of Total Final Energy Consumption
- Energy efficiency: 5.00 MJ per US$ PPP 2011

2019

GLOBAL AVERAGE | REGIONAL ONE DOWN | NICARAGUA | REGIONAL ONE UP | REGIONAL AVERAGE

61 | 36 | 41 | 52 | 62

RISE scores (out of 100) per pillar 2019

RENEWABLE ENERGY

- Carbon pricing and monitoring: 0
- Counterparty risk: 80
- Network connection and pricing: 58
- Attributes of financial and regulatory incentives: 37
- Legal framework for renewable energy: 50
- Planning for renewable energy expansion: 45
- Incentives and regulatory support for renewable energy: 25

ENERGY EFFICIENCY

- Carbon pricing and monitoring: 0
- Transport sector: 80
- Building energy codes: 33
- Energy labeling systems: 42
- Minimum energy efficiency performance standards: 25
- Financing mechanisms for energy efficiency: 63
- Energy efficiency entities: 67
- Incentives and mandates: public sector: 30
- Incentives and mandates: industrial and commercial end users: 47
- Incentives and mandates: utilities: 10

CLEAN COOKING

- Financial incentives: 0
- Financing mechanisms: 100
- Labeling: 67
- Setting standards: 25
- Use of standards: 100
- Last-mile distribution: 0
- Tracking progress: 0
- Planning scale-up: 100
- Institutional capacity: 0
- Targeting beneficiaries: 0
- Creating awareness: 0

ELECTRICITY ACCESS

- Utility creditworthiness: 88
- Electrification planning: 60
- Scope of officially approved electrification plan: 78
- Consumer affordability of electricity: 53
- Framework for grid electrification: 95
- Framework for standalone systems: 100
- Utility transparency and monitoring: 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 2020
**NIGER**

**GLOBAL SCORE:**

![Graph showing RISE scores (out of 100) per pillar 2019 for Niger, Côte D'Ivoire, Cameroon, and Sub-Saharan Africa.]

<table>
<thead>
<tr>
<th>2019</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN CÔTE D’IVOIRE</th>
<th>NIGER</th>
<th>REGIONAL ONE UP CAMEROON</th>
<th>REGIONAL AVERAGE SUB-SAHARAN AFRICA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>61</td>
<td>50</td>
<td>50</td>
<td>52</td>
<td>38</td>
</tr>
</tbody>
</table>

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 0%
- Counterparty risk: 39%
- Network connection and pricing: 53%
- Legal framework for renewable energy: 80%
- Planning for renewable energy expansion: 75%
- Incentives and regulatory support for renewable energy: 49%

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 0%
- Transport sector: 67%
- Building energy codes: 0%
- Energy labeling systems: 0%
- National energy efficiency planning: 60%
- Energy efficiency entities: 0%
- Incentives and mandates: industrial and commercial end users: 25%
- Incentives and mandates: public sector: 0%
- Incentives and mandates: utilities: 49%

**CLEAN COOKING**

- Financial incentives: 0%
- Financing mechanisms: 100%
- Labeling: 50%
- Setting standards: 0%
- Use of standards: 100%
- Last-mile distribution: 50%
- Creating awareness: 0%
- Targeting beneficiaries: 100%
- Tracking progress: 100%

**ELECTRICITY ACCESS**

- Utility creditworthiness: 69%
- Electrification planning: 47%
- Consumer affordability of electricity: 69%
- Framework for grid electrification: 81%
- Framework for mini grids: 82%
- Scope of officially approved electrification plan: 73%
- Framework for standalone systems: 0%
- Consumer affordability of electricity: 100%

**DASHBOARD FOR SUSTAINABLE ENERGY**

- Access to electricity: 18% of population
- Access to clean cooking: 5% of population
- Renewable energy: 80% of Total Final Energy Consumption
- Energy efficiency: 6.60 MJ per US$ PPP 2011

**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 2020
NIGERIA
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 57% of population
Access to clean cooking: 10% of population
Renewable energy: 83% of Total Final Energy Consumption

GLOBAL AVERAGE
REGIONAL ONE DOWN
REGIONAL ONE UP
REGIONAL AVERAGE

EGYPT
WAHANA
SUB-SAHARAN AFRICA

2019
61
55
56
60
38

RISE scores (out of 100) per pillar 2019

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.

Source: World Bank, RISE 2020
NORTH MACEDONIA
GLOBAL SCORE:

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: Source: World Bank, RISE 2020
NORWAY
GLOBAL SCORE:

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: 3.70 MJ per US$ PPP 2011

RISE scores (out of 100) per pillar 2019

<table>
<thead>
<tr>
<th>2019</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>NORWAY</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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<tr>
<td>61</td>
<td>Czech Republic</td>
<td>86</td>
<td>87</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://trackingsdg7.esmap.org

Source: Source: World Bank, RISE 2020
OMAN
GLOBAL SCORE:

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

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: Source: World Bank, RISE 2020
PAKISTAN
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2019

RENEWABLE ENERGY

ENERGY EFFICIENCY

CLEAN COOKING

ELECTRICITY ACCESS

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 71% of population
Access to clean cooking: 44% of population
Renewable energy: 41% of Total Final Energy Consumption
Energy efficiency: 4.40 MJ per US$ PPP 2011

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

61
25
33
47
52

Access to electricity:
71% of population
Access to clean cooking:
44% of population
Renewable energy:
41% of Total Final Energy Consumption
Energy efficiency:
4.40 MJ per US$ PPP 2011

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 2020
PANAMA
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2019

RENEWABLE ENERGY
- Carbon pricing and monitoring: 0
- Legal framework for renewable energy: 80
- Planning for renewable energy expansion: 51
- Incentives and regulatory support for renewable energy: 56
- Network connection and pricing: 76
- Attributes of financial and regulatory incentives: 50

ENERGY EFFICIENCY
- Carbon pricing and monitoring: 17
- National energy efficiency planning: 83
- Energy efficiency entities: 100
- Incentives and mandates: industrial and commercial end users: 67
- Building energy codes: 67
- Energy labeling systems: 38
- Minimum energy efficiency performance standards: 58
- Financing mechanisms for energy efficiency: 97
- Incentives and mandates: public sector: 69
- Incentives and mandates: utilities: 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.

Source: Source: World Bank, RISE 2020
**PAPUA NEW GUINEA**

**GLOBAL SCORE:**

![Graph showing RISE scores (out of 100) per pillar 2019 for Papua New Guinea and other regions.](image)

**DASHBOARD FOR SUSTAINABLE ENERGY**

- **Access to electricity:** 59% of population
- **Access to clean cooking:** 8% of population
- **Renewable energy:** 50% of Total Final Energy Consumption
- **Energy efficiency:** 5.10 MJ per US$ PPP 2011

**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 2020*
**DASHBOARD FOR SUSTAINABLE ENERGY**

- Access to electricity: **100%** of population
- Access to clean cooking: **100%** of population
- Renewable energy: **60%** of Total Final Energy Consumption
- Energy efficiency: **3.70** MJ per US$ PPP 2011

**Global Score:** 51

---

**Renewable Energy**

- Attributes of Financial and Regulatory Incentives: 29
- Counterparty Risk: 29
- Network Connection and Pricing: 25
- Carbon Pricing and Monitoring: 0
- Legal Framework for Renewable Energy: 46
- Planning for Renewable Energy Expansion: 40
- Incentives and Regulatory Support for Renewable Energy: 29

---

**Energy Efficiency**

- Attributes of Financial and Regulatory Incentives: 24
- Counterparty Risk: 13
- Network Connection and Pricing: 0
- Carbon Pricing and Monitoring: 0
- Building Energy Codes: 29
- Energy Labeling Systems: 32
- Energy Efficiency Entities: 67
- Minimum Energy Efficiency Performance Standards: 58
- Planning for Energy Efficiency: 0
- Financing Mechanisms for Energy Efficiency: 0
- Incentives and Mandates: Industrial and Commercial End Users: 30
- Incentives and Mandates: Public Sector: 30
- Incentives and Mandates: Utilities: 0

---

**Global Average:** 61
**Regional One Down:** 42
**Paraguay:** 51
**Regional One Up:** 52
**Regional Average:** 62

**RISE scores (out of 100) per pillar 2019**

---

**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: Source: World Bank, RISE 2020
PERU
GLOBAL SCORE:

GLOBAL AVERAGE
REGIONAL ONE DOWN GUATEMALA
PERU
REGIONAL ONE UP BOLIVIA
REGIONAL AVERAGE
LATIN AMERICA & CARIBBEAN

2019
61
52
54
59
62

RISE scores (out of 100) per pillar 2019

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: Source: World Bank, RISE 2020
PHILIPPINES
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*
Access to electricity: 95% of population
Access to clean cooking: 46% of population
Renewable energy: 23% of Total Final Energy Consumption
Energy efficiency: 3.10 MJ per US$ PPP 2011

RISE scores (out of 100) per pillar 2019

<table>
<thead>
<tr>
<th></th>
<th>2019 GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN LAO PDR</th>
<th>PHILIPPINES</th>
<th>REGIONAL ONE UP CAMBODIA</th>
<th>REGIONAL AVERAGE EAST ASIA &amp; PACIFIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>RENEWABLE ENERGY</td>
<td>61</td>
<td>43</td>
<td>51</td>
<td>54</td>
<td>52</td>
</tr>
<tr>
<td>ENERGY EFFICIENCY</td>
<td>57</td>
<td>0</td>
<td>75</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>CLEAN COOKING</td>
<td>8</td>
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<td>0</td>
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<td>0</td>
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<tr>
<td>ELECTRICITY ACCESS</td>
<td>80</td>
<td>60</td>
<td>100</td>
<td>75</td>
<td>83</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://trackingsgd7.esmap.org
Source: World Bank, RISE 2020
RISE scores (out of 100) per pillar 2019

**RENTERABLE ENERGY**

- **Carbon pricing and monitoring**: 100
- **Legal framework for renewable energy**: 100
- **Planning for renewable energy expansion**: 69
- **Incentives and regulatory support for renewable energy**: 48
- **Attributes of financial and regulatory incentives**: 0
- **Network connection and pricing**: 23
- **Counterparty risk**: 44

**ENERGY EFFICIENCY**

- **Carbon pricing and monitoring**: 100
- **National energy efficiency planning**: 100
- **Energy efficiency entities**: 75
- **Incentives and mandates: industrial and commercial end users**: 33
- **Incentives and mandates: public sector**: 38
- **Incentives and mandates: utilities**: 65
- **Financing mechanisms for energy efficiency**: 60
- **Minimum energy efficiency performance standards**: 54
- **Energy labeling systems**: 47
- **Building energy codes**: 44
- **Transport sector**: 17

**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: Source: World Bank, RISE 2020
**PORTUGAL**

**GLOBAL SCORE:**

DASHBOARD FOR SUSTAINABLE ENERGY*

- Access to electricity: **100%** of population
- Access to clean cooking: **100%** of population
- Renewable energy: **24%** of Total Final Energy Consumption
- Energy efficiency: **3.30** MJ per US$ PPP 2011

**RISE scores (out of 100) per pillar 2019**

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<tr>
<td><strong>REGIONAL ONE DOWN</strong></td>
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<tr>
<td><strong>SPAIN</strong></td>
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<tr>
<td><strong>REGIONAL ONE UP</strong></td>
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<tr>
<td><strong>ITALY</strong></td>
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<td><strong>REGIONAL AVERAGE</strong></td>
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<td><strong>OECD HIGH INCOME</strong></td>
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</tbody>
</table>

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

**ENERGY EFFICIENCY**

- Transport sector
- Building energy codes
- Energy labeling systems
- Minimum energy efficiency performance standards
- Financing mechanisms for energy efficiency
- Incentives and mandates: utilities
- Incentives and mandates: public sector
- National energy efficiency planning
- Energy efficiency entities
- Incentives and mandates: industrial and commercial end users
- National energy efficiency planning

**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 2020
QATAR
GLOBAL SCORE:

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: 5.90 MJ per US$ PPP 2011

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 2020
**RISE scores (out of 100) per pillar 2019**

**RENEWABLE ENERGY**
- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 100
- Planning for renewable energy expansion: 89
- Incentives and regulatory support for renewable energy: 74
- Attributes of financial and regulatory incentives: 60
- Counterparty risk: 58
- Network connection and pricing: 93

**ENERGY EFFICIENCY**
- Carbon pricing and monitoring: 100
- National energy efficiency planning: 100
- Energy efficiency entities: 100
- Incentives and mandates: industrial and commercial end users: 100
- Incentives and mandates: public sector: 100
- Incentives and mandates: utilities: 73
- Minimum energy efficiency performance standards: 67
- Financing mechanisms for energy efficiency: 67
- Energy labeling systems: 50
- Building energy codes: 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://trackingsgf.esmap.org*

Source: Source: World Bank, RISE 2020
**RUSSIAN FEDERATION**

**GLOBAL SCORE:**

![Graph showing RISE scores (out of 100) per pillar 2019](image)

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 50
- Planning for renewable energy expansion: 48
- Incentives and regulatory support for renewable energy: 29
- Attributes of financial and regulatory incentives: 76

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 0
- National energy efficiency planning: 50
- Energy efficiency entities: 100
- Incentives and mandates: industrial and commercial end users: 88
- Incentives and mandates: public sector: 75
- Incentives and mandates: utilities: 67

**EVOLUTION OF RISE SCORE SINCE 2010**
RISE scores (out of 100) per pillar 2019

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 100
- Counterparty risk: 67
- Network connection and pricing: 100
- Legal framework for renewable energy: 100
- Planning for renewable energy expansion: 100
- Incentives and regulatory support for renewable energy: 93
- Attributes of financial and regulatory incentives: 83

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 67
- Transport sector: 100
- Building energy codes: 67
- Energy labeling systems: 50
- Minimum energy efficiency performance standards: 67
- Financing mechanisms for energy efficiency: 40
- Energy efficiency entities: 63
- Incentives and mandates: industrial and commercial end users: 100
- Incentives and mandates: public sector: 88
- Incentives and mandates: utilities: 0

**CLEAN COOKING**

- Financial incentives: 100
- Financing mechanisms: 50
- Labeling: 100
- Setting standards: 0
- Use of standards: 0
- Last-mile distribution: 0
- Creating awareness: 0
- Targeting beneficiaries: 100
- Tracking progress: 50

**ELECTRICITY ACCESS**

- Utility creditworthiness: 100
- Electrification planning: 73
- Utility transparency and monitoring: 72
- Consumer affordability of electricity: 100
- Framework for grid electrification: 58
- Framework for standalone systems: 0
- Scope of officially approved electrification plan: 90
- Framework for mini grids: 0

**RWANDA GLOBAL SCORE:**

- Access to electricity: 35% of population
- Access to clean cooking: 5% of population
- Renewable energy: 87% of Total Final Energy Consumption

**GLOBAL AVERAGE**

- RISE scores per pillar 2019

**REGIONAL ONE DOWN**

- South Africa

**REGIONAL ONE UP**

- Rwanda

**REGIONAL AVERAGE**

- Sub-Saharan Africa

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

*https://trackingsgdp.esmap.org
Source: World Bank, RISE 2020
SAUDI ARABIA
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2019

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 2020

*https://trackingsgdp.esmap.org
**Senegal Global Score:**

DASHBOARD FOR SUSTAINABLE ENERGY*

- Access to electricity: **67%** of population
- Access to clean cooking: **23%** of population
- Renewable energy: **38%** of Total Final Energy Consumption
- Energy efficiency: **3.60 MJ** per US$ PPP 2011

**RISE scores (out of 100) per pillar 2019**

<table>
<thead>
<tr>
<th></th>
<th>Global Average</th>
<th>Regional One Down</th>
<th>Senegal</th>
<th>Regional One Up</th>
<th>Regional Average</th>
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<td>61</td>
<td>25</td>
<td>29</td>
<td>30</td>
<td>38</td>
</tr>
</tbody>
</table>

**Renewable Energy**

- Carbon pricing and monitoring: 0
- Counterparty risk: 71
- Network connection and pricing: 0
- Legal framework for renewable energy: 80
- Planning for renewable energy expansion: 51
- Incentives and regulatory support for renewable energy: 13
- Attributes of financial and regulatory incentives: 30

**Energy Efficiency**

- Carbon pricing and monitoring: 0
- Transport sector: 67
- Building energy codes: 0
- Energy labeling systems: 13
- Minimum energy efficiency performance standards: 0
- Energy efficiency entities: 40
- Incentives and mandates: public sector: 0
- Incentives and mandates: industrial and commercial end users: 0
- Incentives and mandates: utilities: 0
- Financing mechanisms for energy efficiency: 0
- National energy efficiency planning: 0

**Clean Cooking**

- Financial incentives: 0
- Financing mechanisms: 0
- Labeling: 0
- Setting standards: 0
- Use of standards: 0
- Last-mile distribution: 0
- Creating awareness: 0
- Planning scale-up: 100
- Institutional capacity: 33
- Targeting beneficiaries: 0
- Tracking progress: 0

**Electricity Access**

- Utility creditworthiness: 64
- Electrification planning: 75
- Utility transparency and monitoring: 54
- Scope of officially approved electrification plan: 44
- Consumer affordability of electricity: 25
- Framework for grid electrification: 0
- Framework for standalone systems: 0
- Grid connection and pricing: 0
- Counterparty risk: 0
- Carbon pricing and monitoring: 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 2020
### SERBIA

**GLOBAL SCORE:**

<table>
<thead>
<tr>
<th>2019</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>SERBIA</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>61</td>
<td>BELARUS</td>
<td>74</td>
<td>CROATIA</td>
<td>EUROPE &amp; CENTRAL ASIA</td>
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<tr>
<td>RISE scores (out of 100) per pillar 2019</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

#### RENEWABLE ENERGY

- **2019 Scores:**
  - Global Average: 61
  - Regional One Down: 57
  - Serbia: 77
  - Regional One Up: 77
  - Regional Average: 69

#### ENERGY EFFICIENCY

- **2019 Scores:**
  - Global Average: 62
  - Regional One Down: 33
  - Serbia: 50
  - Regional One Up: 50
  - Regional Average: 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://trackingtg7.esmap.org*

Source: World Bank, RISE 2020

**DASHBOARD FOR SUSTAINABLE ENERGY**

- **Access to electricity:** 100% of population
- **Access to clean cooking:** 100% of population
- **Renewable energy:** 20% of Total Final Energy Consumption
- **Energy efficiency:** 6.10 MJ per US$ PPP 2011
DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 26% of population
Access to clean cooking: 5% of population
Renewable energy: 78% of Total Final Energy Consumption
Energy efficiency: 6.50 MJ per US$ PPP 2011

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 2020
SINGAPORE
GLOBAL SCORE:

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: 3.10 MJ per US$ PPP 2011

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 2020

RISE scores (out of 100) per pillar 2019

RENUEWABLE 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 2020
SLOVAK REPUBLIC

GLOBAL SCORE:

RISE scores (out of 100) per pillar 2019

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: 12% of Total Final Energy Consumption

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 2020
SOLOMON ISLANDS
GLOBAL SCORE:

DASHBOARD FOR SUSTAINABLE ENERGY*

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<tr>
<th>Indicator</th>
<th>Score 2019</th>
<th>Score 2019</th>
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<tbody>
<tr>
<td>Access to electricity (67%)</td>
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<td>Access to clean cooking (9%)</td>
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<tr>
<td>Renewable energy (49%)</td>
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<td>Energy efficiency (5.50 MJ)</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://trackingsgdp.esmap.org

Source: World Bank, RISE 2020
**SOMALIA**

**GLOBAL SCORE:**

**2017**

<table>
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<tr>
<td>CLEAN COOKING</td>
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<tr>
<td>ELECTRICITY ACCESS</td>
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**2019**

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<tr>
<td>ELECTRICITY ACCESS</td>
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**DASHBOARD FOR SUSTAINABLE ENERGY**

Access to electricity: 35% of population
Access to clean cooking: 5% of population
Renewable energy: 95% of Total Final Energy Consumption
Energy efficiency: — MJ per US$ PPP 2011

---

**SOMALIA**

**Access to electricity:** 35% of population
**Access to clean cooking:** 5% of population
**Renewable energy:** 95% of Total Final Energy Consumption
**Energy efficiency:** — MJ per US$ PPP 2011

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**GLOBAL AVERAGE**

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<thead>
<tr>
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<tbody>
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<td>RENEWABLE ENERGY</td>
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<td>CLEAN COOKING</td>
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<tr>
<td>ELECTRICITY ACCESS</td>
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**REGIONAL ONE DOWN**

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<tr>
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<td>RENEWABLE ENERGY</td>
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**REGIONAL ONE UP**

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<td>CLEAN COOKING</td>
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<td>ELECTRICITY ACCESS</td>
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**REGIONAL AVERAGE**

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<td>CLEAN COOKING</td>
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<td>ELECTRICITY ACCESS</td>
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**Data has been collected for Somaliland only.**

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

*https://trackingsgdp.esmap.org*

*Source: World Bank, RISE 2020*
DASHBOARD FOR SUSTAINABLE ENERGY*

**SOUTH AFRICA**

**GLOBAL SCORE:**

- **Access to electricity:** 91% of population
- **Access to clean cooking:** 85% of population
- **Renewable energy:** 10% of Total Final Energy Consumption
- **Energy efficiency:** 8.00 MJ per US$ PPP 2011

**RISE scores (out of 100) per pillar 2019**

**RENEWABLE ENERGY**

- **Carbon pricing and monitoring:** 100
- **Counterparty risk:** 92
- **Network connection and pricing:** 77
- **Attributes of financial and regulatory incentives:** 33
- **Legal framework for renewable energy:** 100
- **Planning for renewable energy expansion:** 100
- **Incentives and regulatory support for renewable energy:** 95

**ENERGY EFFICIENCY**

- **Carbon pricing and monitoring:** 100
- **Transport sector:** 67
- **Building energy codes:** 40
- **Energy labeling systems:** 58
- **Micro/nano energy efficiency performance standards:** 57
- **Incentives and mandates: public sector:** 97
- **Incentives and mandates: utilities:** 49
- **Financing mechanisms for energy efficiency:** 50
- **National energy efficiency planning:** 67

**CLEAN COOKING**

- **Financial incentives:** 100
- **Financing mechanisms:** 100
- **Labeling:** 100
- **Setting standards:** 0
- **Use of standards:** 100
- **Last-mile distribution:** 88
- **Creating awareness:** 50
- **Targeting beneficiaries:** 0
- **Tracking progress:** 0
- **Planning scale-up:** 0
- **Institutional capacity:** 0

**ELECTRICITY ACCESS**

- **Utility creditworthiness:** 100
- **Electricity affordability:** 80
- **Scope of officially approved electrification plan:** 67
- **Framework for grid electrification:** 100
- **Framework for standalone systems:** 75
- **Consumer affordability of electricity:** 100
- **Framework for mini grids:** 0
- **Framework for grid electrification:** 0
- **Electrification planning:** 80
- **Incentives and mandates: utilities:** 100
- **Incentives and mandates: public sector:** 67
- **Incentives and mandates: industrial and commercial end users:** 58
- **Incentives and mandates: utilities:** 49
- **Financing mechanisms for energy efficiency:** 50
- **National energy efficiency planning:** 67

**SOUTH AFRICA**

**GLOBAL AVERAGE**

- **Access to electricity:** 91%
- **Access to clean cooking:** 85%
- **Renewable energy:** 10%
- **Energy efficiency:** 8.00 MJ per US$ PPP 2011

**REGIONAL AVERAGE**

- **Kenya:** 68
- **South Africa:** 71
- **Rwanda:** 71
- **Sub-Saharan Africa:** 38

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 2020
**SOUTH SUDAN**

**GLOBAL SCORE:**

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<tr>
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<tr>
<td><strong>REGIONAL ONE UP</strong></td>
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<tr>
<td><strong>REGIONAL AVERAGE</strong></td>
<td>38</td>
<td></td>
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</tbody>
</table>

RISE scores (out of 100) per pillar 2019

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 0
- Counterparty risk: 17
- Legal framework for renewable energy: 40
- Planning for renewable energy expansion: 4
- Incentives and regulatory support for renewable energy: 9

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 0
- Energy efficiency entities: 0
- Incentives and mandates: industrial and commercial end users: 0
- Energy labeling systems: 0
- Minimum energy efficiency performance standards: 0

**CLEAN COOKING**

- Financial incentives: 0
- Financing mechanisms: 0
- Use of standards: 0
- Last-mile distribution: 0
- Creating awareness: 0

**ELECTRICITY ACCESS**

- Utility creditworthiness: 0
- Electrification planning: 0
- Framework for grid electrification: 0
- Scope of officially approved electrification plan: 0
- Consumer affordability of electricity: 56
- Framework for standalone systems: 11

**DASHBOARD FOR SUSTAINABLE ENERGY**

Access to electricity: **28%** of population
Access to clean cooking: **5%** of population
Renewable energy: **28%** of Total Final Energy Consumption
Energy efficiency: **1.50 MJ** per US$ PPP 2011

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 2020*
RISE scores (out of 100) per pillar 2019

**ENERGY EFFICIENCY**

- **Spain**: 90
- **OECD High Income**: 87

**RENEWABLE ENERGY**

- **Spain**: 90
- **OECD High Income**: 90

**GLOBAL AVERAGE**: 61

**REGIONAL AVERAGE**

- **Australia**: Regional One Down
- **Portugal**: Regional One Up

**REGIONAL ONE DOWN**

- **Australia**: 85
- **Portugal**: 78

**REGIONAL ONE UP**

- **Portugal**: 100
- **Australia**: 82

**REGIONAL AVERAGE**

- **OECD High Income**: 84

**EVOLUTION OF RISE SCORE SINCE 2010**

- **Spain** - Renewable Energy: 89
- **Spain** - Energy Efficiency: 90
- **OECD High Income** - Renewable Energy: 89
- **OECD High Income** - Energy Efficiency: 88

**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**: 3.30 MJ per US$ PPP 2011

*Source: World Bank, RISE 2020*
SRI LANKA
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2019

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 2020
SUDAN
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2019

**RENEWABLE ENERGY**

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<th>Indicator</th>
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<td>Network connection and pricing</td>
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<td>Attributes of financial and regulatory incentives</td>
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<td>Legal framework for renewable energy</td>
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<td>Incentives and regulatory support for renewable energy</td>
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**ENERGY EFFICIENCY**

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<thead>
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<td>Transport sector</td>
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<td>Building energy codes</td>
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**CLEAN COOKING**

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<td>Setting standards</td>
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<td>Use of standards</td>
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<tr>
<td>Last-mile distribution</td>
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<tr>
<td>Creating awareness</td>
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<tr>
<td>Tracking progress</td>
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<tr>
<td>Planning scale-up</td>
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</tr>
<tr>
<td>Institutional capacity</td>
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<td>Targeting beneficiaries</td>
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**ELECTRICITY ACCESS**

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<td>Consumer affordability of electricity</td>
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<tr>
<td>Framework for grid electrification</td>
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<tr>
<td>Framework for standalone systems</td>
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<tr>
<td>Setting standards</td>
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**DASHBOARD FOR SUSTAINABLE ENERGY**

Access to electricity: **60%** of population
Access to clean cooking: **50%** of population
Renewable energy: **61%** of Total Final Energy Consumption
Energy efficiency: **4.30** MJ per US$ PPP 2011

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 2020
**SWEDEN**

**GLOBAL SCORE:**

RISE scores (out of 100) per pillar 2019

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 100
- Planning for renewable energy expansion: 81
- Incentives and regulatory support for renewable energy: 74
- Network connection and pricing: 88
- Attributes of financial and regulatory incentives: 92

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 100
- National energy efficiency planning: 69
- Energy efficiency entities: 100
- Incentives and mandates: industrial and commercial end users: 73
- Building energy codes: 100
- Energy labeling systems: 100
- Minimum energy efficiency performance standards: 92
- Financing mechanisms for energy efficiency: 40
- Incentives and mandates: public sector: 75
- Incentives and mandates: utilities: 34

**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://tracking7sdp.esmap.org*

Source: World Bank, RISE 2020
RISE scores (out of 100) per pillar 2019

Switzerland - Renewable Energy
Switzerland - Energy Efficiency
OECD High Income - Renewable Energy
OECD High Income - 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 2020
TAJIKISTAN

GLOBAL SCORE:

<table>
<thead>
<tr>
<th>2019</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN KYRGYZ REPUBLIC</th>
<th>TAJIKISTAN</th>
<th>REGIONAL ONE UP UZBEKISTAN</th>
<th>REGIONAL AVERAGE EUROPE &amp; CENTRAL ASIA</th>
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RISE scores (out of 100) per pillar 2019

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: utilities
- Financing mechanisms for energy efficiency
- Minimum energy efficiency performance standards
- Energy labeling systems
- Building energy codes
- Transport sector

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 2020
DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 36% of population
Access to clean cooking: 5% of population
Renewable energy: 84% of Total Final Energy Consumption
Energy efficiency: 5.70 MJ per US$ PPP 2011

TANZANIA

Global Score:

<table>
<thead>
<tr>
<th>2019</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN CAMEROON</th>
<th>TANZANIA</th>
<th>REGIONAL ONE UP UGANDA</th>
<th>REGIONAL AVERAGE SUB-SAHARAN AFRICA</th>
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</table>

RISE scores (out of 100) per pillar 2019

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 50
- Counterparty risk: 38
- Network connection and pricing: 54
- Attributes of financial and regulatory incentives: 92
- Legal framework for renewable energy: 60
- Planning for renewable energy expansion: 59
- Incentives and regulatory support for renewable energy: 50

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 50
- Transport sector: 17
- Building energy codes: 33
- Energy labeling systems: 8
- Minimum energy efficiency performance standards: 48
- Incentives and mandates: utilities
- Energy efficiency entities
- National energy efficiency planning

**CLEAN COOKING**

- Financial incentives: 50
- Financing mechanisms: 100
- Setting standards: 0
- Use of standards: 0
- Creating awareness: 88
- Last-mile distribution: 25
- Targeting beneficiaries: 100
- Institutional capacity: 0
- Planning scale-up: 0
- Tracking progress: 0

**ELECTRICITY ACCESS**

- Utility creditworthiness: 92
- Electrification planning: 50
- Framework for grid electrification: 100
- Scope of officially approved electrification plan: 25
- Consumer affordability of electricity: 81
- Framework for standalone systems: 8
- Utility transparency and monitoring: 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 2020
THAILAND
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2019

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<th>PILLAR</th>
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<th>REGIONAL ONE UP</th>
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</tbody>
</table>

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 100% of population
Access to clean cooking: 100% of population
Renewable energy: 23% of Total Final Energy Consumption
Energy efficiency: 5.10 MJ per US$ PPP 2011

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 2020
### TOGO
**Global Score:**

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<th>REGIONAL ONE DOWN</th>
<th>TOGO</th>
<th>REGIONAL ONE UP</th>
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<td>38</td>
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</tbody>
</table>

**RISE scores (out of 100) per pillar 2019**

### Renewable Energy
- **Carbon pricing and monitoring:**
  - Global Average: 33
  - Chad: 0
  - Togo: 0
- **Counterparty risk:**
  - Global Average: 25
  - Chad: 0
  - Togo: 19
- **Network connection and pricing:**
  - Global Average: 44
  - Chad: 80
  - Togo: 19
- **Attributes of financial and regulatory incentives:**
  - Global Average: 67
  - Chad: 0
  - Togo: 19

### Energy Efficiency
- **碳定价和监测:**
  - 全球平均: 28
  - 乍得: 0
  - 多哥: 93
- **电力建设者风险:**
  - 全球平均: 0
  - 乍得: 0
  - 多哥: 33
- **网络连接和定价:**
  - 全球平均: 0
  - 乍得: 0
  - 多哥: 0
- **财务和监管激励的属性:**
  - 全球平均: 0
  - 乍得: 0
  - 多哥: 0

### Clean Cooking
- **Financial incentives:**
  - 全球平均: 50
  - 乍得: 100
  - 多哥: 50
- **Financing mechanisms:**
  - 全球平均: 100
  - 乍得: 0
  - 多哥: 0
- **Labeling:**
  - 全球平均: 100
  - 乍得: 0
  - 多哥: 0
- **Setting standards:**
  - 全球平均: 67
  - 乍得: 25
  - 多哥: 25

### Electricity Access
- **Utility creditworthiness:**
  - 全球平均: 65
  - 乍得: 50
  - 多哥: 50
- **电力建设计划:**
  - 全球平均: 50
  - 乍得: 63
  - 多哥: 63
- **Framework for mini grids:**
  - 全球平均: 0
  - 乍得: 25
  - 多哥: 25

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

*https://trackingsgdp.esmap.org*

Source: World Bank, RISE 2020
TUNISIA
GLOBAL SCORE:

Rise scores (out of 100) per pillar 2019

Renewable Energy
- Carbon pricing and monitoring: 64
- Legal framework for renewable energy: 72
- Planning for renewable energy expansion: 75
- Incentives and regulatory support for renewable energy: 75
- Attributes of financial and regulatory incentives: 79

Energy Efficiency
- Carbon pricing and monitoring: 100
- National energy efficiency planning: 93
- Incentives and mandates: industrial and commercial end users: 100
- Incentives and mandates: utilities: 100
- Incentives and mandates: public sector: 72
- Financing mechanisms for energy efficiency: 50
- Minimum energy efficiency performance standards: 87
- Energy labeling systems: 50
- Building energy codes: 87

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 2020
**Turkey**

**Global Score:**

<table>
<thead>
<tr>
<th>Year</th>
<th>Global Average</th>
<th>Regional One Down</th>
<th>Turkey</th>
<th>Regional One Up</th>
<th>Regional Average</th>
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</thead>
<tbody>
<tr>
<td>2019</td>
<td>61</td>
<td>74</td>
<td>82</td>
<td>85</td>
<td>69</td>
</tr>
</tbody>
</table>

**RISE scores (out of 100) per pillar 2019**

**Renewable Energy**

- Carbon pricing and monitoring: 50
- Legal framework for renewable energy: 100
- Planning for renewable energy expansion: 84
- Incentives and regulatory support for renewable energy: 93
- Network connection and pricing: 82
- Attributes of financial and regulatory incentives: 60

**Energy Efficiency**

- Carbon pricing and monitoring: 67
- National energy efficiency planning: 100
- Energy efficiency entities: 100
- Incentives and mandates: industrial and commercial end users: 79
- Building energy codes: 47
- Incentives and mandates: public sector: 75
- Energy labeling systems: 47
- Financing mechanisms for energy efficiency: 92
- Minimum energy efficiency performance standards: 30

**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 2020

*DASHBOARD FOR SUSTAINABLE ENERGY*

- Access to electricity: 100% of population
- Access to clean cooking: 100% of population
- Renewable energy: 11% of Total Final Energy Consumption
- Energy efficiency: 3.00 MJ per US$ PPP 2011

*https://trackingsdg7.esmap.org*
**TURKMENISTAN**

**GLOBAL SCORE:**

<table>
<thead>
<tr>
<th>Year</th>
<th>Global Average</th>
<th>Regional One Down</th>
<th>Turkmengistan</th>
<th>Regional One Up</th>
<th>Regional Average</th>
</tr>
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<tbody>
<tr>
<td>2019</td>
<td>61</td>
<td>N/A</td>
<td>41</td>
<td>48</td>
<td>69</td>
</tr>
</tbody>
</table>

**RISE scores (out of 100) per pillar 2019**

**RENEWABLE ENERGY**

- Counterparty risk: 0
- Network connection and pricing: 0
- Attributes of financial and regulatory incentives: 8
- Carbon pricing and monitoring: 0
- Legal framework for renewable energy: 0
- Planning for renewable energy expansion: 0

**ENERGY EFFICIENCY**

- Counterparty risk: 0
- Network connection and pricing: 0
- Attributes of financial and regulatory incentives: 25
- Carbon pricing and monitoring: 0
- Energy efficiency entities: 63
- National energy efficiency planning: 0
- Energy efficiency entities: 0
- Incentives and mandates: industrial and commercial end users: 0
- Incentives and mandates: public sector: 0
- Incentives and mandates: utilities: 0
- Financing mechanisms for energy efficiency: 5
- Energy labeling systems: 0
- Building energy codes: 0
- Transport sector: 0
- Minimum energy efficiency performance standards: 0

**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: 12.30 MJ per US$ PPP 2011

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 2020
**UGANDA**

**GLOBAL SCORE:**

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: **43%** of population
Access to clean cooking: **5%** of population
Renewable energy: **89%** of Total Final Energy Consumption
Energy efficiency: **9.50** MJ per US$ PPP 2011

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

**RISE scores (out of 100) per pillar 2019**

**GLOBAL AVERAGE**

- **61**

**REGIONAL ONE DOWN**

- **53**

**UGANDA**

- **55**

**REGIONAL ONE UP**

- **55**

**REGIONAL AVERAGE**

- **38**

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 2020
UKRAINE

GLOBAL SCORE:

2019

<table>
<thead>
<tr>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN KAZAKHSTAN</th>
<th>UKRAINE</th>
<th>REGIONAL ONE UP ARMENIA</th>
<th>REGIONAL AVERAGE EUROPE &amp; CENTRAL ASIA</th>
</tr>
</thead>
<tbody>
<tr>
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<td>70</td>
<td>71</td>
<td>72</td>
<td>69</td>
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</tbody>
</table>

RISE scores (out of 100) per pillar 2019

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 2020
**UNIVERSAL UNIVERSAL UNIVERSAL UNIVERSAL**

**GLOBAL SCORE:**

![Image](https://example.com)

**EVOLUTION OF RISE SCORE SINCE 2010**

![Image](https://example.com)

**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: **4.50 MJ per US$ PPP 2011**

**RISE scores (out of 100) per pillar 2019**

<table>
<thead>
<tr>
<th>2019</th>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN</th>
<th>UNITED ARAB EMIRATES</th>
<th>REGIONAL ONE UP</th>
<th>REGIONAL AVERAGE</th>
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<tbody>
<tr>
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<td>61</td>
<td>JORDAN</td>
<td>82</td>
<td>N/A</td>
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</tbody>
</table>
| 84   |                |                   |                      |                | United Arab Emirates - Renewable Energy 83
| 84   |                |                   |                      |                | United Arab Emirates - Renewable Energy 84
| 78   |                |                   |                      |                | Middle East & North Africa - Renewable Energy 78
| 72   |                |                   |                      |                | Middle East & North Africa - Renewable Energy 72
| 75   |                |                   |                      |                | Middle East & North Africa - Renewable Energy 75

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 100
- Legal framework for renewable energy: 80
- Planning for renewable energy expansion: 72
- Incentives and regulatory support for renewable energy: 75
- Attributes of financial and regulatory incentives: 50

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 100
- National energy efficiency planning: 100
- Transport sector: 50
- Energy labeling systems: 74
- Building energy codes: 67
- Incentives and mandates: industrial and commercial end users: 67
- Incentives and mandates: utilities: 64
- Incentives and mandates: public sector: 69
- Financing mechanisms for energy efficiency: 66

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

*https://trackingdg7.esmap.org*

Source: World Bank, RISE 2020
RISE scores (out of 100) per pillar 2019

**GLOBAL AVERAGE**

- **GLOBAL AVERAGE**
- **REGIONAL ONE DOWN**
  - **DENMARK**
- **UNITED KINGDOM**
- **REGIONAL ONE UP**
  - **GERMANY**
- **REGIONAL AVERAGE**
  - **OECD HIGH INCOME**

**2019**

- **61**
- **94**
- **95**
- **95**
- **87**

**RISE scores (out of 100) per pillar 2019**

**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**

- **United Kingdom**
  - **Renewable Energy**
    - **94**
    - **100**
    - **100**
    - **68**
    - **88**

**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: utilities**
- **Financing mechanisms for energy efficiency**
- **Energy labeling systems**
- **Minimum energy efficiency performance standards**
- **Building energy codes**
- **Transport sector**

- **United Kingdom**
  - **Energy Efficiency**
    - **92**
    - **100**
    - **100**
    - **79**
    - **83**

**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 2020
RISE scores (out of 100) per pillar 2019

**RENEWABLE ENERGY**
- Attributes of financial and regulatory incentives: 69\% 
- Carbon pricing and monitoring: 40\% 
- Incentives and regulatory support for renewable energy: 81\% 
- National energy efficiency planning: 100\% 
- Energy efficiency entities: 60\% 
- Energy labeling systems: 99\% 
- Minimum energy efficiency performance standards: 88\% 
- Incentives and mandates: industrial and commercial end users: 100\% 
- Incentives and mandates: utilities: 80\% 
- Incentives and mandates: public sector: 80\% 
- Energy efficiency entities: 80\% 
- Incentives and mandates: industrial and commercial end users: 100\% 
- Incentives and mandates: utilities: 80\% 
- Incentives and mandates: public sector: 62\%

**ENERGY EFFICIENCY**
- Network connection and pricing: 40\% 
- Counterparty risk: 60\% 
- Legal framework for renewable energy: 59\% 
- Planning for renewable energy expansion: 57\% 
- Incentives and regulatory support for renewable energy: 81\% 
- National energy efficiency planning: 100\% 
- Energy efficiency entities: 60\% 
- Energy labeling systems: 99\% 
- Minimum energy efficiency performance standards: 88\% 
- Incentives and mandates: industrial and commercial end users: 100\% 
- Incentives and mandates: utilities: 80\% 
- Incentives and mandates: public sector: 62\%

**GLOBAL AVERAGE**
- ENERGY EFFICIENCY: 61\% 
- RENEWABLE ENERGY: 80\%

**REGIONAL ONE DOWN**
- ENERGY EFFICIENCY: 80\% 
- RENEWABLE ENERGY: 77\%

**REGIONAL ONE UP**
- ENERGY EFFICIENCY: 81\% 
- RENEWABLE ENERGY: 87\%

**REGIONAL AVERAGE**
- ENERGY EFFICIENCY: 85\% 
- RENEWABLE ENERGY: 81\%

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 2020
**URUGUAY**

**GLOBAL SCORE:**

- **Global Average:** 61
- **Regional One Down:** Panamá
- **Uruguay:** 75
- **Regional One Up:** Costa Rica
- **Regional Average:** Latin America & Caribbean: 62

**RISE scores (out of 100) per pillar 2019**

**RENEWABLE ENERGY**

- **Carbon pricing and monitoring:** 0
- **Legal framework for renewable energy:** 80
- **Planning for renewable energy expansion:** 73
- **Incentives and regulatory support for renewable energy:** 69
- **Attributes of financial and regulatory incentives:** 96
- **Network connection and pricing:** 77
- **Counterparty risk:** 67

**ENERGY EFFICIENCY**

- **Carbon pricing and monitoring:** 0
- **National energy efficiency planning:** 100
- **Energy efficiency entities:** 83
- **Incentives and mandates: industrial and commercial end users:** 83
- **Incentives and mandates: public sector:** 58
- **Incentives and mandates: utilities:** 38
- **Financing mechanisms for energy efficiency:** 90
- **Minimum energy efficiency performance standards:** 73
- **Energy labeling systems:** 72
- **Building energy codes:** 30

**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 2020
UZBEKISTAN
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2019

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 2020
## VANUATU GLOBAL SCORE:

### DASHBOARD FOR SUSTAINABLE ENERGY*

| Access to electricity: 62% of population |
| Access to clean cooking: 8% of population |
| Renewable energy: 36% of Total Final Energy Consumption |
| Energy efficiency: 3.70 MJ per US$ PPP 2011 |

### 2019 RISE scores (out of 100) per pillar 2019

<table>
<thead>
<tr>
<th>RENEWABLE ENERGY</th>
<th>ENERGY EFFICIENCY</th>
<th>CLEAN COOKING</th>
<th>ELECTRICITY ACCESS</th>
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<tbody>
<tr>
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<tr>
<td>Vanuatu</td>
<td>Regional One Down</td>
<td>Regional One Up</td>
<td>Regional Average</td>
</tr>
<tr>
<td>20</td>
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<td>21</td>
<td>52</td>
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</table>

### NOTES:

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

*https://trackingdialoguesmap.org*

Source: World Bank, RISE 2020
VENEZUELA, RB
GLOBAL SCORE:

RISE scores (out of 100) per pillar 2019

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 2020
**RISE scores (out of 100) per pillar 2019**

**RENWABLE ENERGY**

- **Carbon pricing and monitoring**: 80
- **Legal framework for renewable energy**: 97
- **Planning for renewable energy expansion**: 57
- **Attributes of financial and regulatory incentives**: 52
- **Counterparty risk**: 66
- **Network connection and pricing**: 50

**ENERGY EFFICIENCY**

- **Carbon pricing and monitoring**: 100
- **National energy efficiency planning**: 75
- **Energy efficiency entities**: 100
- **Incentives and mandates: industrial and commercial end users**: 75
- **Incentives and mandates: public sector**: 67
- **Incentives and mandates: utilities**: 57
- **Minimum energy efficiency performance standards**: 90
- **Energy labeling systems**: 100
- **Building codes**: 50
- **Transport sector**: 0

**EVOLUTION OF RISE SCORE SINCE 2010**

**RISE scores (out of 100) per pillar 2019**

**VIETNAM**

- **Global score**: 76

**RENEWABLE ENERGY**

- **Access to electricity**: 100% of population
- **Access to clean cooking**: 100% of population
- **Renewable energy**: 32% of Total Final Energy Consumption
- **Energy efficiency**: 5.60 MJ per US$ PPP 2011

**Source:** World Bank, RISE 2020

---

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

*https://tracking7.esmap.org*
WEST BANK AND GAZA

GLOBAL SCORE:

<table>
<thead>
<tr>
<th>2019</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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<td>54</td>
<td>56</td>
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<td></td>
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<td></td>
<td>66</td>
<td></td>
</tr>
</tbody>
</table>

RISE scores (out of 100) per pillar 2019

**RENEWABLE ENERGY**

- Carbon pricing and monitoring: 80
- Legal framework for renewable energy: 42
- Planning for renewable energy expansion: 0
- Incentives and regulatory support for renewable energy: 30
- Attributes of financial and regulatory incentives: 7

**ENERGY EFFICIENCY**

- Carbon pricing and monitoring: 0
- National energy efficiency planning: 87
- Energy efficiency entities: 83
- Incentives and mandates: industrial and commercial end users: 50
- Incentives and mandates: public sector: 10
- Energy labeling systems: 13
- Minimum energy efficiency performance standards: 0
- Financing mechanisms for energy efficiency: 24

**EVOLUTION OF RISE SCORE SINCE 2010**

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

*https://trackingsdg7.esmap.org

Source: World Bank, RISE 2020
Yemen, Rep.

Global Score:

DASHBOARD FOR SUSTAINABLE ENERGY*

Access to electricity: 62% of population
Access to clean cooking: 60% of population
Renewable energy: 5% of Total Final Energy Consumption
Energy efficiency: 2.00 MJ per US$ PPP 2011

Global Average: 61
Yemen, Rep.: 14
Regional One Up: 66

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 2020
**ZAMBIA**

**GLOBAL SCORE:**

![Graph showing RISE scores per pillar for Zambia in 2019.]

**DASHBOARD FOR SUSTAINABLE ENERGY**

- **Access to electricity:** 40% of population
- **Access to clean cooking:** 13% of population
- **Renewable energy:** 85% of Total Final Energy Consumption
- **Energy efficiency:** 8.10 MJ per US$ PPP 2011

**RENEWABLE ENERGY**

- **Global Average:** 61
- **Regional One Down:** 48
- **Zambia:** 49
- **Regional One Up:** 50
- **Regional Average:** 38

**ENERGY EFFICIENCY**

- **Carbon pricing and monitoring:**
  - National energy efficiency planning: 30
  - Energy efficiency entities: 17
  - Incentives and mandates: industrial and commercial end users: 47
  - Incentives and mandates: public sector: 0
  - Incentives and mandates: utilities: 13
- **Transport sector:**
  - Energy efficiency entities: 33
  - Incentives and mandates: industrial and commercial end users: 0
- **Building energy codes:**
  - Energy efficiency entities: 0
  - Incentives and mandates: industrial and commercial end users: 0
- **Energy labeling systems:**
  - Energy efficiency entities: 17
  - Incentives and mandates: industrial and commercial end users: 40
  - Incentives and mandates: public sector: 65

**CLEAN COOKING**

- **Financial incentives:**
  - Tracking progress: 100
  - Planning for scale-up: 0
- **Financing mechanisms:**
  - Use of standards: 0
  - Setting standards: 0
  - Labeling: 0
- **Setting standards:**
  - Consumer affordability of electricity: 100
  - Framework for mini grids: 53
  - Framework for standalone systems: 83
- **Electrification planning:**
  - Scope of officially approved electrification plan: 0
  - Framework for grid electrification: 88

**ELECTRICITY ACCESS**

- **Utility creditworthiness:**
  - Electrification planning: 10
  - Utility transparency and monitoring: 0
- **Renewable energy:**
  - Renewable energy: 85%
  - Total Final Energy Consumption: 49%

**GLOBAL AVERAGE**

- **Network connection and pricing:**
  - Attributes of financial and regulatory incentives: 66
  - Counterparty risk: 75
  - Network connection and pricing: 70
- **Planning for renewable energy expansion:**
  - Legal framework for renewable energy: 80
  - Planning for renewable energy expansion: 76
- **Incentives and regulatory support for renewable energy:**
  - Attributes of financial and regulatory incentives: 20
  - Counterparty risk: 42
- **Counterparty risk:**
  - Network connection and pricing: 50
  - Attributes of financial and regulatory incentives: 63

**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 2020
**ZIMBABWE**

**GLOBAL SCORE:**

<table>
<thead>
<tr>
<th>GLOBAL AVERAGE</th>
<th>REGIONAL ONE DOWN TOGO</th>
<th>ZIMBABWE</th>
<th>REGIONAL ONE UP MALAWI</th>
<th>REGIONAL AVERAGE SUB-SAHARAN AFRICA</th>
</tr>
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<tbody>
<tr>
<td>61</td>
<td>43</td>
<td>45</td>
<td>46</td>
<td>38</td>
</tr>
</tbody>
</table>

RISE scores (out of 100) per pillar 2019

**RENEWABLE ENERGY**

- **Carbon pricing and monitoring:** 50
- **Counterparty risk:** 56
- **Network connection and pricing:** 43
- **Attributes of financial and regulatory incentives:** 25
- **Legal framework for renewable energy:** 80
- **Planning for renewable energy expansion:** 54
- **Incentives and regulatory support for renewable energy:** 50

**ENERGY EFFICIENCY**

- **Carbon pricing and monitoring:** 17
- **Transport sector:** 50
- **Building energy codes:** 0
- **Energy labeling systems:** 27
- **National energy efficiency planning:** 25
- **Energy efficiency entities:** 0
- **Incentives and mandates: industrial and commercial end users:** 58
- **Incentives and mandates: public sector:** 0
- **Incentives and mandates: utilities:** 13
- **Financing mechanisms for energy efficiency:** 0

**CLEAN COOKING**

- **Financial incentives:** 50
- **Financing mechanisms:** 100
- **Labeling:** 0
- **Setting standards:** 0
- **Use of standards:** 0
- **Last-mile distribution:** 0
- **Creating awareness:** 0
- **Targeting beneficiaries:** 25
- **Planning scale-up:** 100
- **Institutional capacity:** 67
- **Tracking progress:** 43

**ELECTRICITY ACCESS**

- **Utility creditworthiness:** 88
- **Scope of officially approved electrification plan:** 0
- **Framework for grid electrification:** 58
- **Framework for standalone systems:** 87
- **Consumer affordability of electricity:** 69
- **Electrification planning:** 55
- **Targeting beneficiaries:** 0
- **Use of standards:** 25
- **Creating awareness:** 0
- **Planning scale-up:** 100
- **Institutional capacity:** 0
- **Incentives and mandates: public sector:** 0
- **Incentives and mandates: utilities:** 100
- **Financing mechanisms for energy efficiency:** 0

**DASHBOARD FOR SUSTAINABLE ENERGY**

- **Access to electricity:** 41% of population
- **Access to clean cooking:** 29% of population
- **Renewable energy:** 83% of Total Final Energy Consumption
- **Energy efficiency:** 13.00 MJ per US$ PPP 2011

**GLOBAL AVERAGE REGIONAL ONE DOWN TOGO REGIONAL ONE UP MALAWI REGIONAL AVERAGE SUB-SAHARAN AFRICA**

**2019**

**GLOBAL AVERAGE**

- Electrification planning
- Scope of officially approved electrification plan
- Framework for grid electrification
- Framework for standalone systems

**REGIONAL ONE DOWN TOGO**

- Electrification planning
- Scope of officially approved electrification plan
- Framework for grid electrification
- Framework for standalone systems

**REGIONAL ONE UP MALAWI**

- Electrification planning
- Scope of officially approved electrification plan
- Framework for grid electrification
- Framework for standalone systems

**REGIONAL AVERAGE SUB-SAHARAN AFRICA**

- Electrification planning
- Scope of officially approved electrification plan
- Framework for grid electrification
- Framework for standalone systems

**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 2020*