

2010

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# **AFGHANISTAN** GLOBAL SCORE:

2017

24

# Access to electricity: **84%** of population Access to clean cooking: **32%** of population Renewable energy: **18%** of Total Final Energy Consumption

100

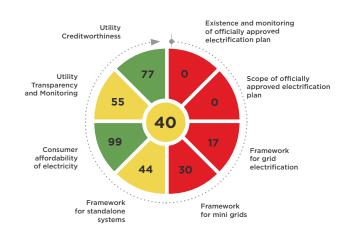
Energy efficiency: 2.46 MJ per US\$ PPP 2011

**DASHBOARD FOR SUSTAINABLE ENERGY\*** 

| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>— | AFGHANISTAN | REGIONAL ONE UP<br>NEPAL | REGIONAL AVERAGE<br>SOUTH ASIA |
|----|----------------|---------------------------|-------------|--------------------------|--------------------------------|
| 20 | 58             | N/A                       | 24          | 38                       | 50                             |

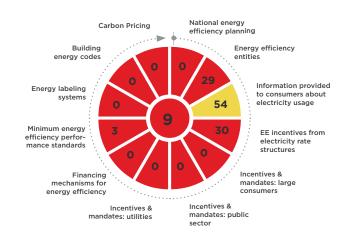
RISE scores (out of 100) per pillar 2017

# **ELECTRICITY ACCESS**

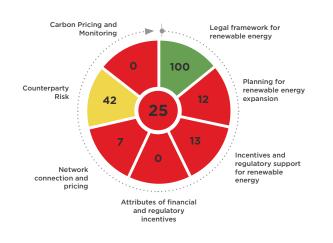


50

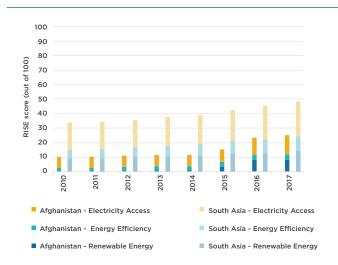
# ENERGY EFFICIENCY

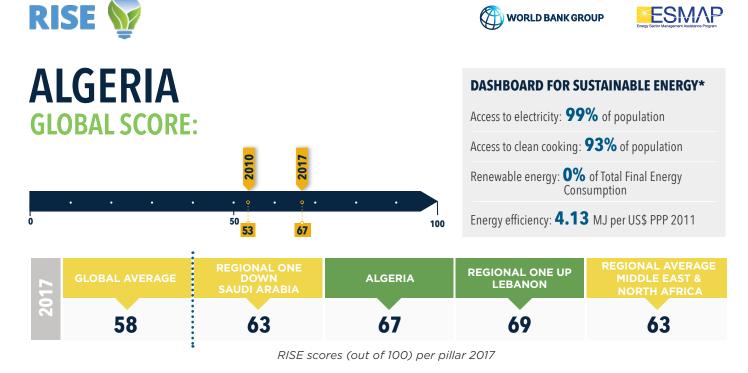


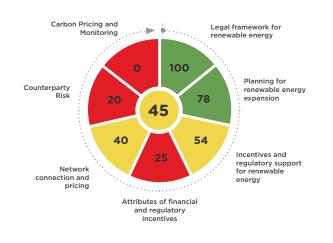
#### **RENEWABLE ENERGY**



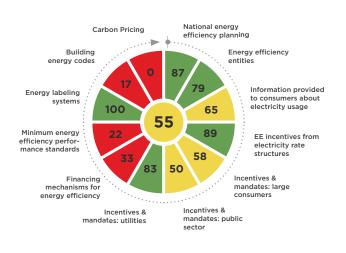
# **EVOLUTION OF RISE SCORE SINCE 2010**





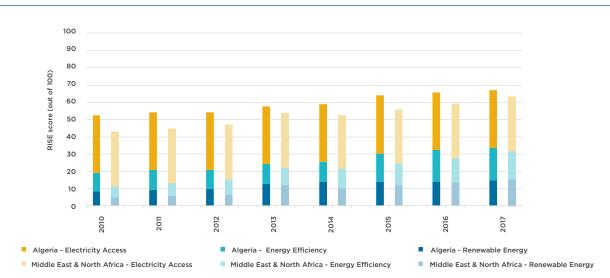


# **ENERGY EFFICIENCY**



ESM

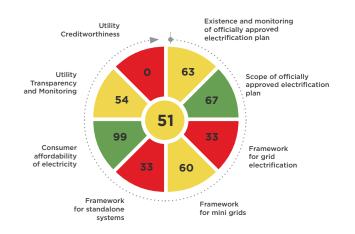
#### **EVOLUTION OF RISE SCORE SINCE 2010**



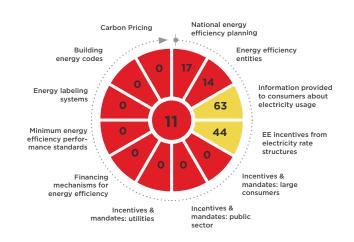


# **ELECTRICITY ACCESS**

RISE



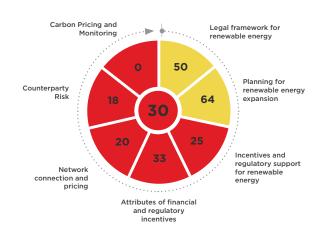
# **ENERGY EFFICIENCY**



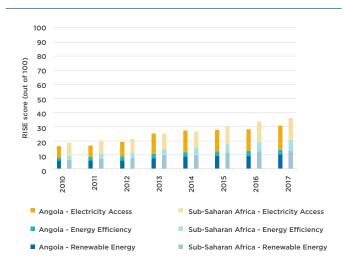
WORLD BANK GROUP

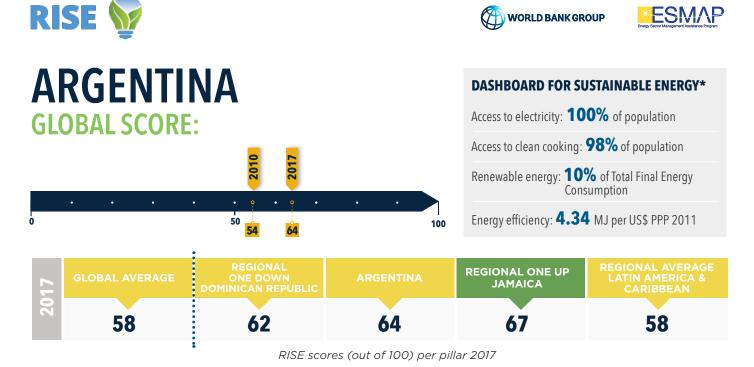
ESMAF

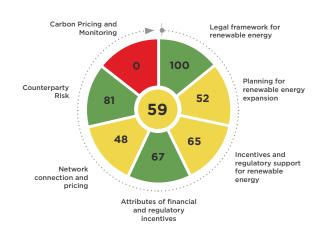
#### **RENEWABLE ENERGY**



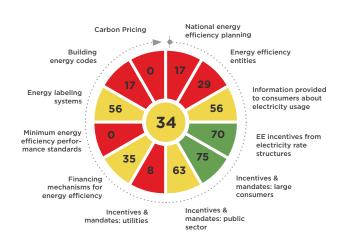
# **EVOLUTION OF RISE SCORE SINCE 2010**



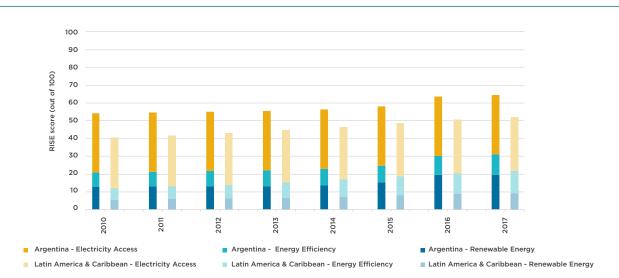


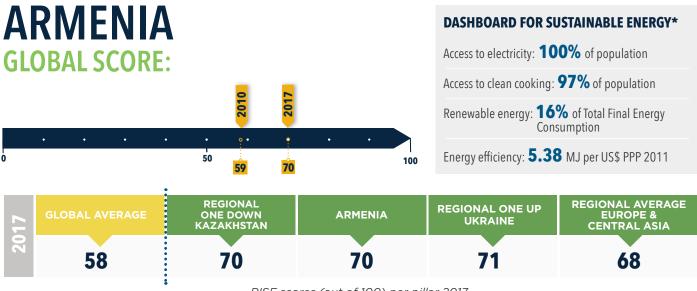


#### **ENERGY EFFICIENCY**



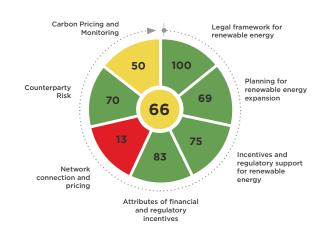
#### **EVOLUTION OF RISE SCORE SINCE 2010**



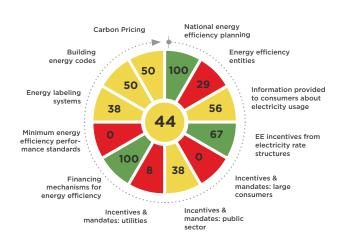


#### **RENEWABLE ENERGY**

RISE



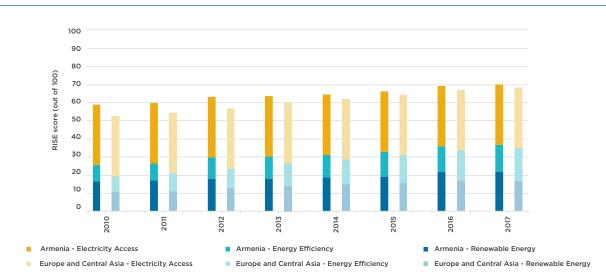
# **ENERGY EFFICIENCY**



WORLD BANK GROUP

FSIM

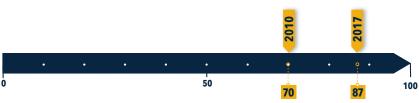
# **EVOLUTION OF RISE SCORE SINCE 2010**







# AUSTRALIA GLOBAL SCORE:



#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

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

Access to clean cooking: 100% of population

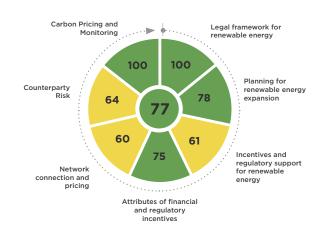
Renewable energy: **9%** of Total Final Energy Consumption

Energy efficiency: **5.03** MJ per US\$ PPP 2011

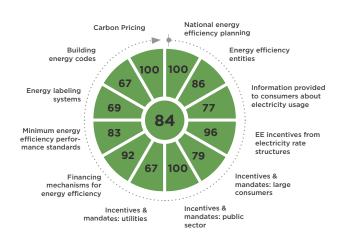
| 17  | GLOBAL AVERAGE | REGIONAL<br>ONE DOWN<br>FRANCE | AUSTRALIA | REGIONAL ONE UP<br>PORTUGAL | REGIONAL AVERAGE<br>OECD HIGH INCOME |
|-----|----------------|--------------------------------|-----------|-----------------------------|--------------------------------------|
| 20. | 58             | 86                             | 87        | 87                          | 84                                   |

RISE scores (out of 100) per pillar 2017

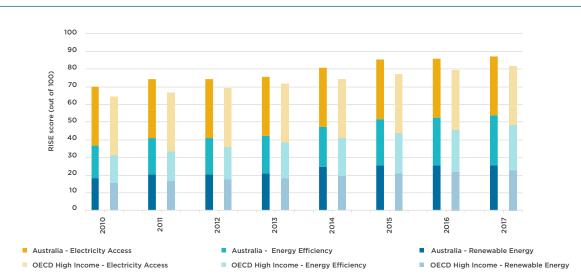
#### **RENEWABLE ENERGY**



# **ENERGY EFFICIENCY**



# **EVOLUTION OF RISE SCORE SINCE 2010**









# AUSTRIA GLOBAL SCORE:



#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

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

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

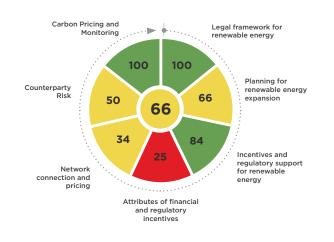
Renewable energy: **34%** of Total Final Energy Consumption

Energy efficiency: **3.61** MJ per US\$ PPP 2011

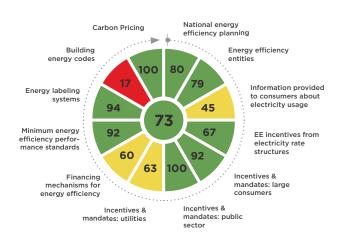
| 17  | GLOBAL AVERAGE | REGIONAL<br>ONE DOWN<br>SPAIN | AUSTRIA | REGIONAL ONE UP<br>UNITED STATES | REGIONAL AVERAGE<br>OECD HIGH INCOME |
|-----|----------------|-------------------------------|---------|----------------------------------|--------------------------------------|
| 20. | 58             | 79                            | 79      | 80                               | 84                                   |

RISE scores (out of 100) per pillar 2017

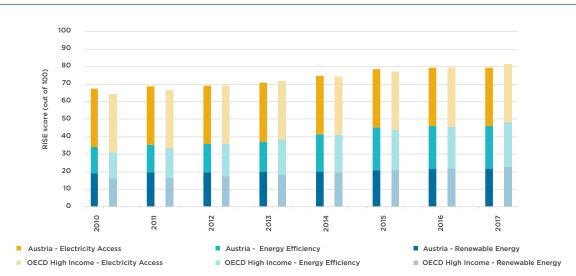
#### **RENEWABLE ENERGY**

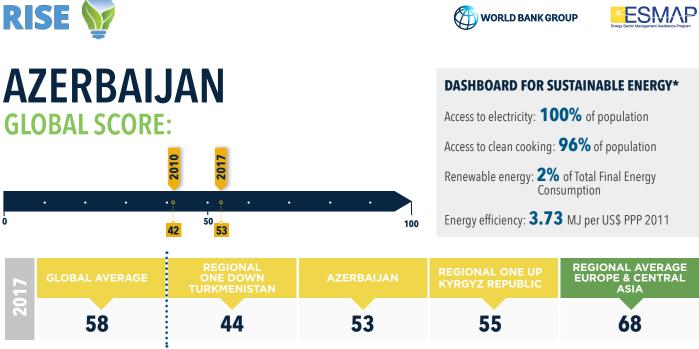


# **ENERGY EFFICIENCY**

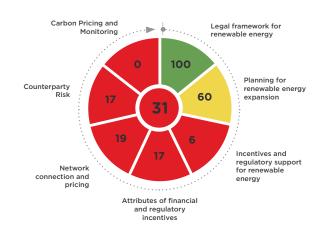


# **EVOLUTION OF RISE SCORE SINCE 2010**

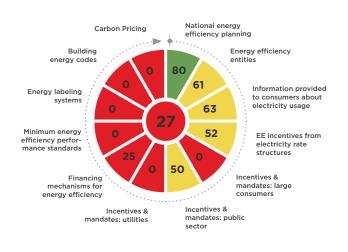




#### **RENEWABLE ENERGY**



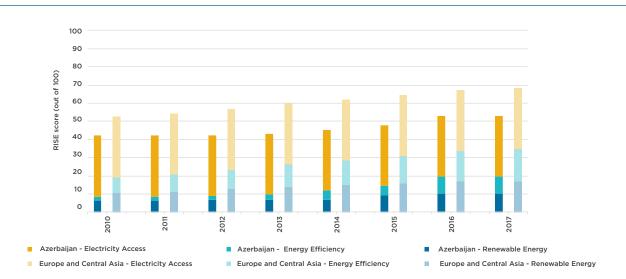
# **ENERGY EFFICIENCY**

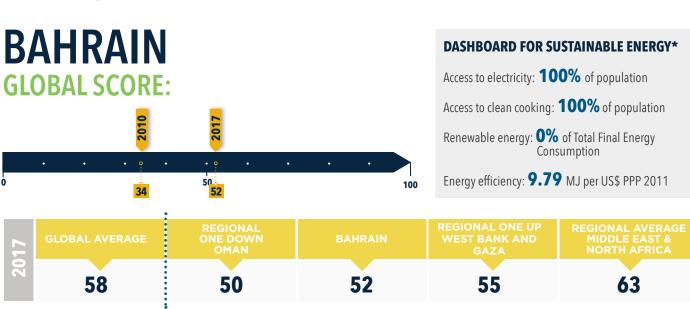


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ESM

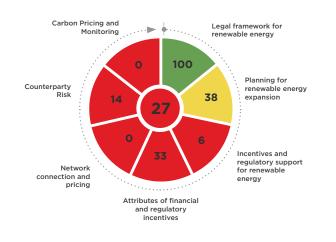
#### **EVOLUTION OF RISE SCORE SINCE 2010**



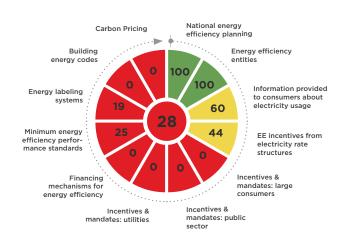


#### **RENEWABLE ENERGY**

RISE



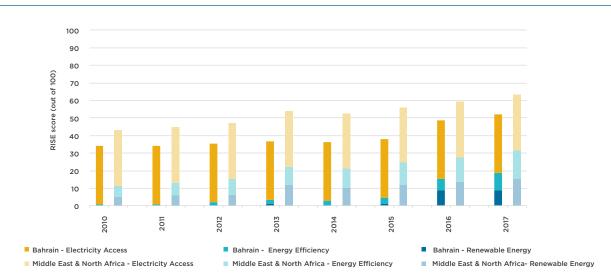
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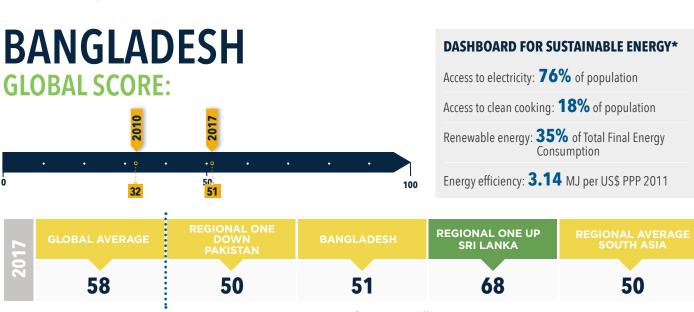


WORLD BANK GROUP

ESM

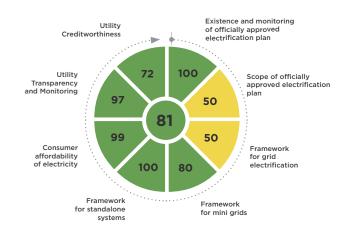
# **EVOLUTION OF RISE SCORE SINCE 2010**



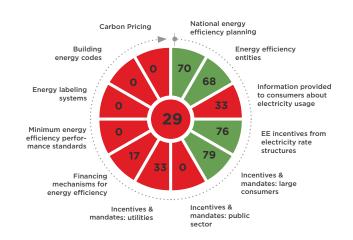


# **ELECTRICITY ACCESS**

RISE



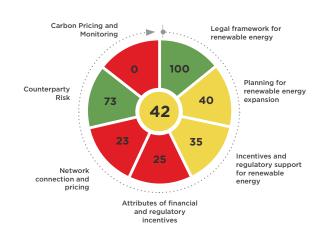
# **ENERGY EFFICIENCY**



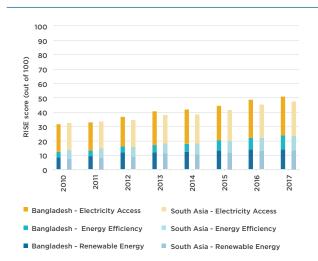
WORLD BANK GROUP

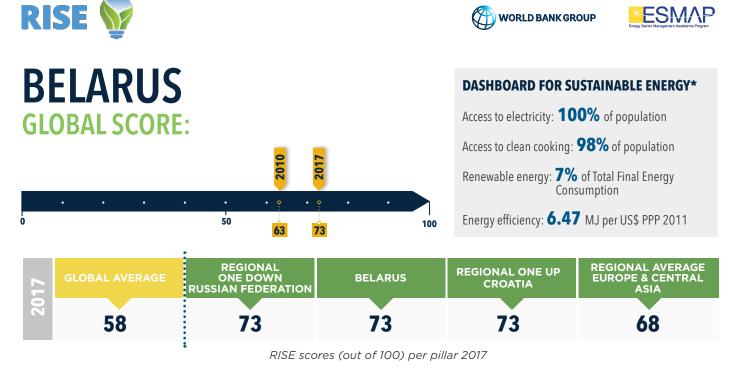
ESMAF

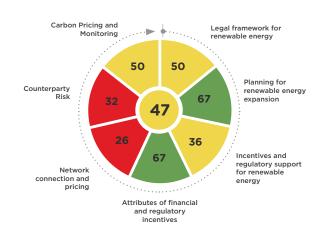
#### **RENEWABLE ENERGY**



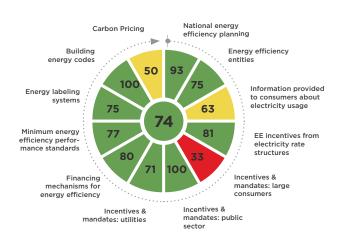
# **EVOLUTION OF RISE SCORE SINCE 2010**







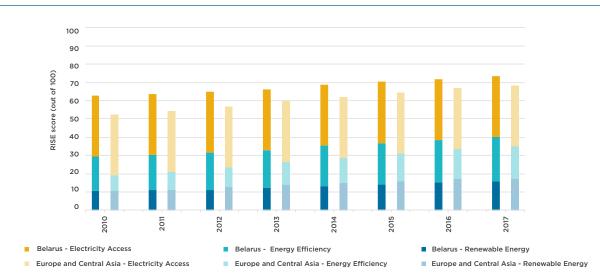
# **ENERGY EFFICIENCY**

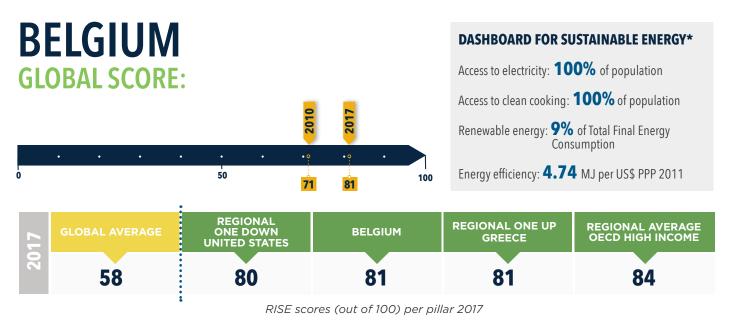


WORLD BANK GROUP

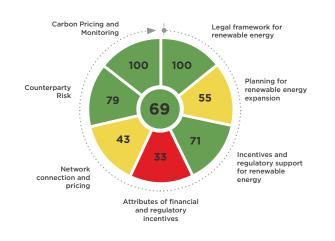
ESM/

# **EVOLUTION OF RISE SCORE SINCE 2010**

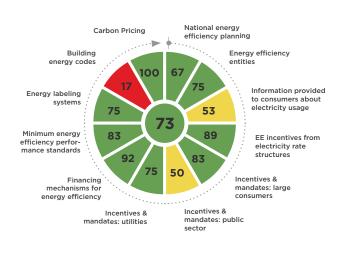




RISE



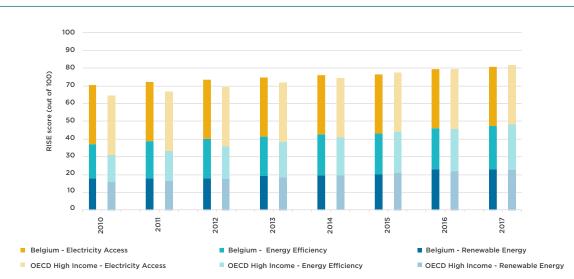
# **ENERGY EFFICIENCY**



WORLD BANK GROUP

ESM/

#### **EVOLUTION OF RISE SCORE SINCE 2010**









#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

Access to electricity: **41%** of population

Access to clean cooking: **6%** of population

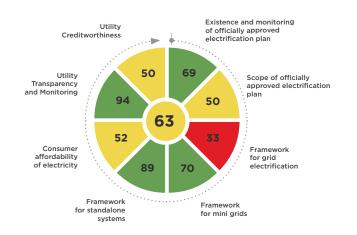
Renewable energy: **51%** of Total Final Energy Consumption

Energy efficiency: **9.07** MJ per US\$ PPP 2011

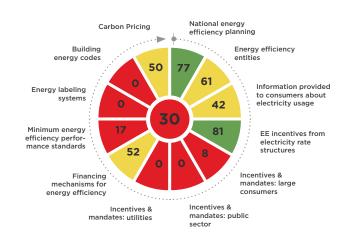


RISE scores (out of 100) per pillar 2017

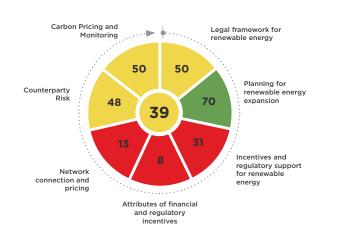
#### **ELECTRICITY ACCESS**



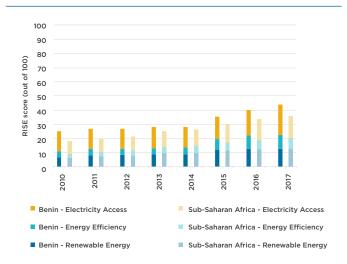
# ENERGY EFFICIENCY

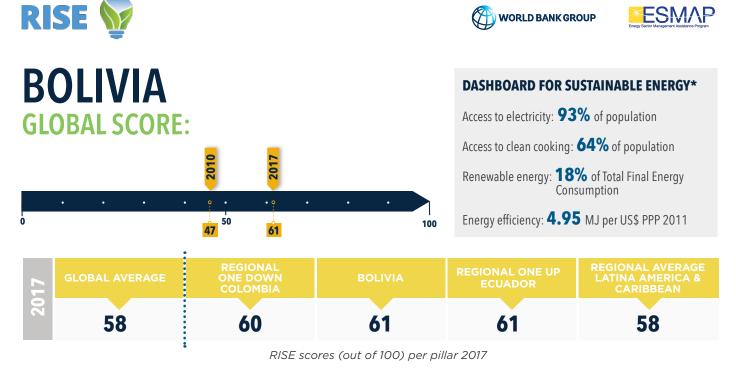


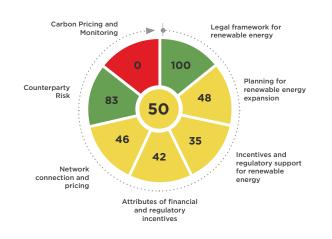
#### **RENEWABLE ENERGY**



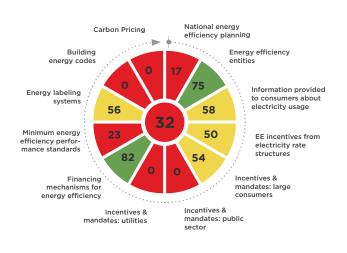
# **EVOLUTION OF RISE SCORE SINCE 2010**







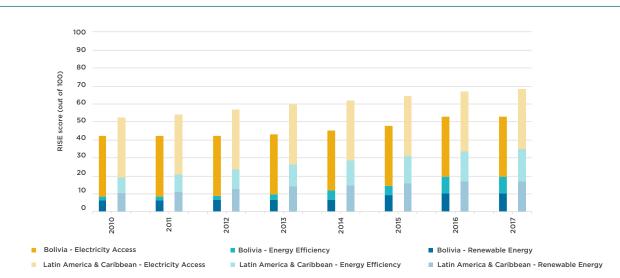
# **ENERGY EFFICIENCY**



WORLD BANK GROUP

ESM

#### **EVOLUTION OF RISE SCORE SINCE 2010**





WORLD BANK GROUP



# BRAZIL GLOBAL SCORE:



#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

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

Access to clean cooking: 96% of population

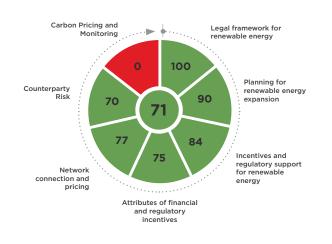
Renewable energy: **44%** of Total Final Energy Consumption

Energy efficiency: 4.13 MJ per US\$ PPP 2011

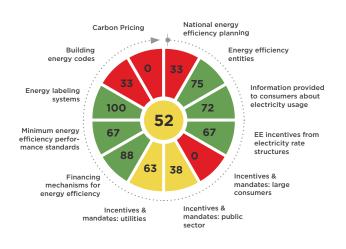
|              |    |    | CARIBBEAN |
|--------------|----|----|-----------|
| <b>58 73</b> | 74 | 79 | 58        |

RISE scores (out of 100) per pillar 2017

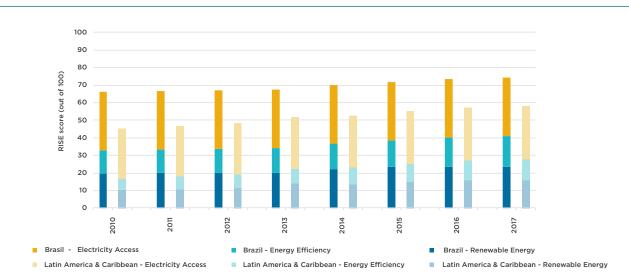
#### **RENEWABLE ENERGY**

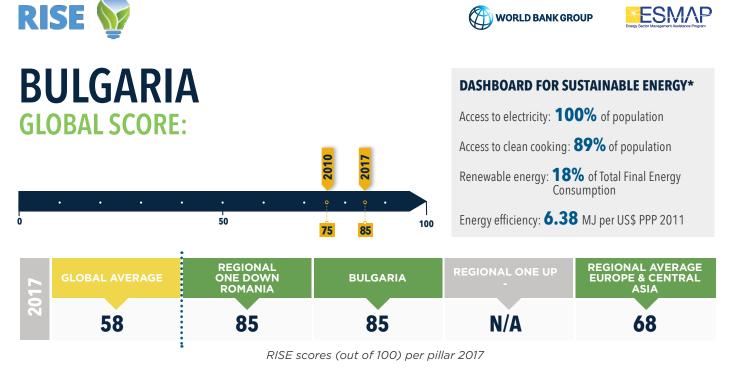


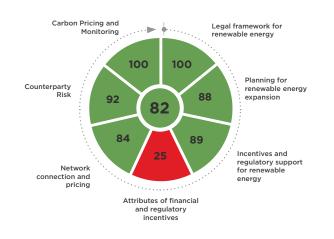
# **ENERGY EFFICIENCY**



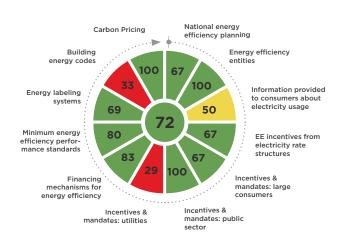
# **EVOLUTION OF RISE SCORE SINCE 2010**



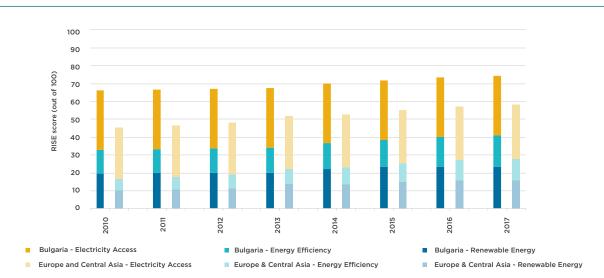




# **ENERGY EFFICIENCY**



#### **EVOLUTION OF RISE SCORE SINCE 2010**





2010

14

WORLD BANK GROUP



# BURKINA FASO GLOBAL SCORE:

2017

42

50

#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

Access to electricity: **19%** of population

Access to clean cooking: **9%** of population

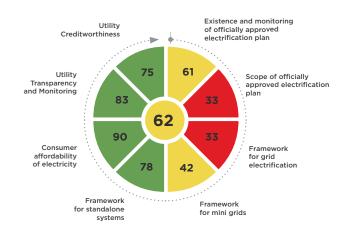
Renewable energy: **74%** of Total Final Energy Consumption

Energy efficiency: 6.03 MJ per US\$ PPP 2011



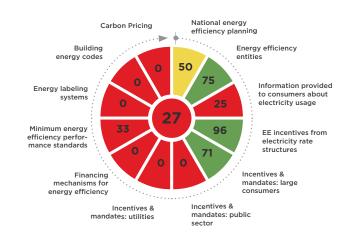
RISE scores (out of 100) per pillar 2017

#### **ELECTRICITY ACCESS**

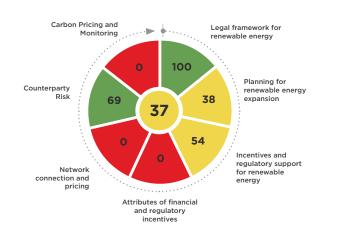


# **ENERGY EFFICIENCY**

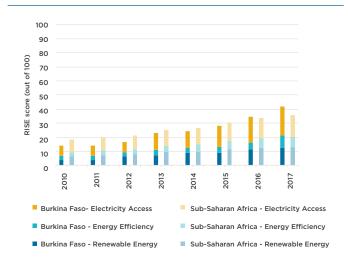
100



#### **RENEWABLE ENERGY**



# **EVOLUTION OF RISE SCORE SINCE 2010**







# **BURUNDI** GLOBAL SCORE:

2017

26

2010

17

# **DASHBOARD FOR SUSTAINABLE ENERGY\*** Access to electricity: **8%** of population

Access to clean cooking: 1% of population

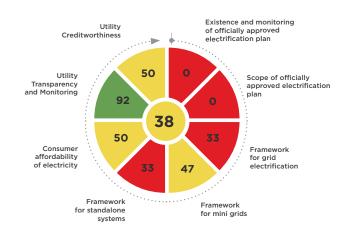
Renewable energy: **96%** of Total Final Energy Consumption

Energy efficiency: 7.72 MJ per US\$ PPP 2011

| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>ERITREA | BURUNDI | REGIONAL ONE UP<br>NIGERIA | REGIONAL AVERAGE<br>SUB-SAHARAN AFRICA |
|----|----------------|---------------------------------|---------|----------------------------|--|
| 20 | 58             | 24                              | 26      | 30                         | 35                                     |

RISE scores (out of 100) per pillar 2017

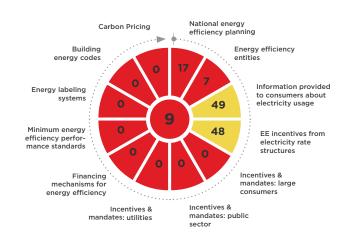
# **ELECTRICITY ACCESS**



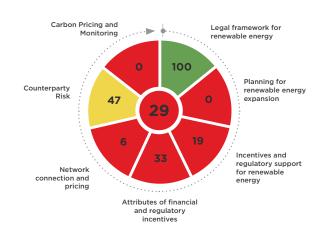
50

# ENERGY EFFICIENCY

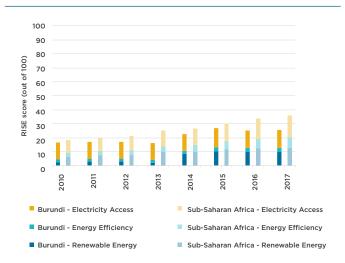
100

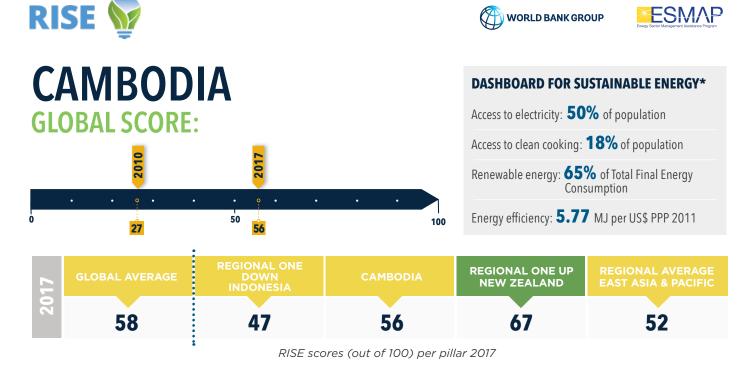


#### **RENEWABLE ENERGY**

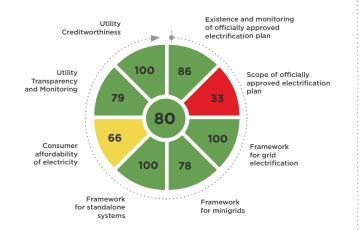


# **EVOLUTION OF RISE SCORE SINCE 2010**

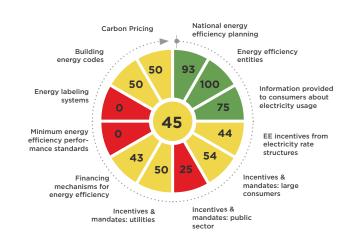




#### **ELECTRICITY ACCESS**



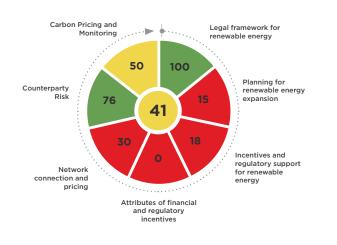
# ENERGY EFFICIENCY



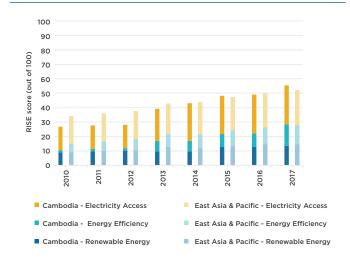
WORLD BANK GROUP

ESMAF

#### **RENEWABLE ENERGY**



# **EVOLUTION OF RISE SCORE SINCE 2010**





53

**DASHBOARD FOR SUSTAINABLE ENERGY\*** 



35

# **CAMEROON** GLOBAL SCORE:

# GLOBAL SCORE: Access to electricity: 60% of population Access to clean cooking: 23% of population Renewable energy: 77% of Total Final Energy Consumption 31 50 50 53 100 Regional one Down RWANDA CAMEROON REGIONAL ONE DOWN RWANDA CAMEROON REGIONAL ONE DOWN RWANDA CAMEROON

50

RISE scores (out of 100) per pillar 2017

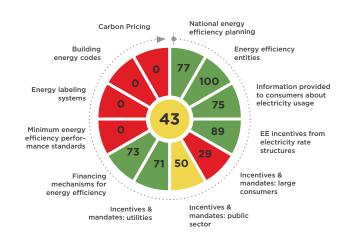
53

#### **ELECTRICITY ACCESS**

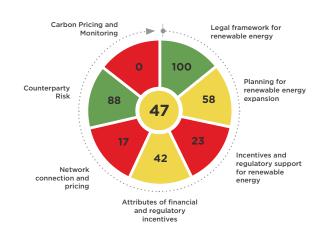
58



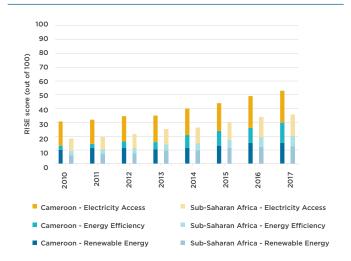
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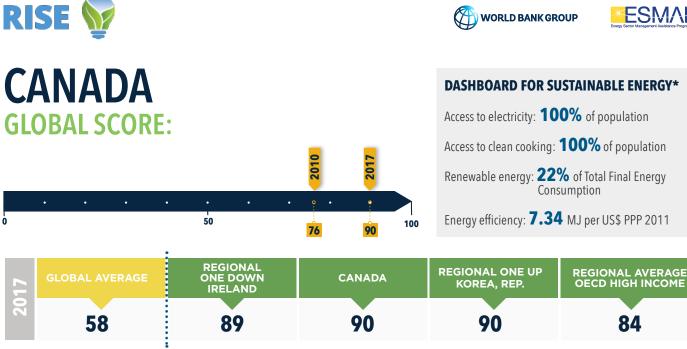


#### **RENEWABLE ENERGY**

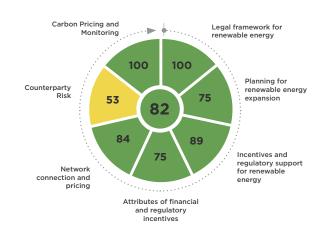


# **EVOLUTION OF RISE SCORE SINCE 2010**

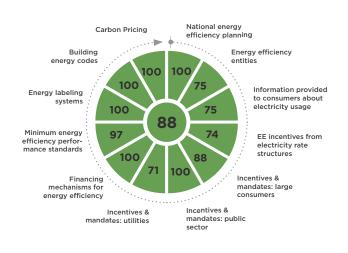




#### **RENEWABLE ENERGY**

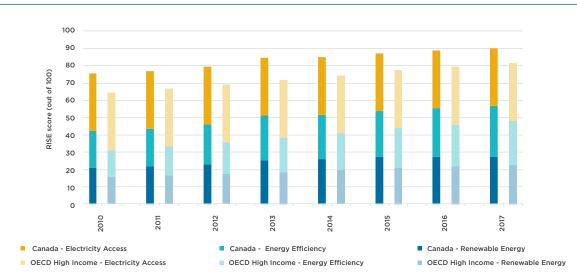


# **ENERGY EFFICIENCY**



ESM/

# **EVOLUTION OF RISE SCORE SINCE 2010**







# **CENTRAL AFRICAN REPUBLIC** GLOBAL SCORE:



#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

Access to electricity: **14%** of population

Access to clean cooking: 1% of population

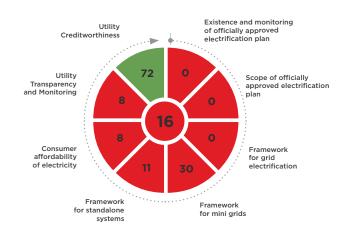
Renewable energy: **77%** of Total Final Energy Consumption

Energy efficiency: **8.10** MJ per US\$ PPP 2011

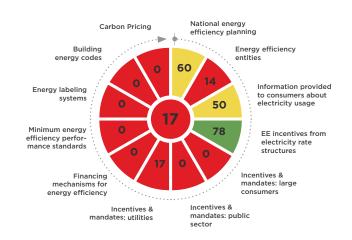
| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>MOZAMBIQUE | CENTRAL AFRICAN<br>REPUBLIC | REGIONAL ONE UP<br>CONGO, REP. | REGIONAL AVERAGE<br>SUB-SAHARAN AFRICA |
|----|----------------|------------------------------------|-----------------------------|--------------------------------|--|
| 20 | 58             | 18                                 | 10                          | 21                             | 35                                     |
|    | 30             | 10                                 | 17                          | 21                             | 33                                     |

RISE scores (out of 100) per pillar 2017

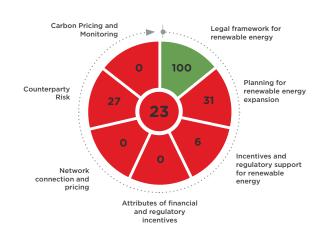
#### **ELECTRICITY ACCESS**



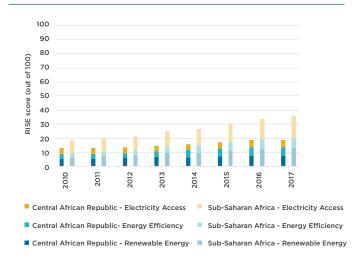
# **ENERGY EFFICIENCY**

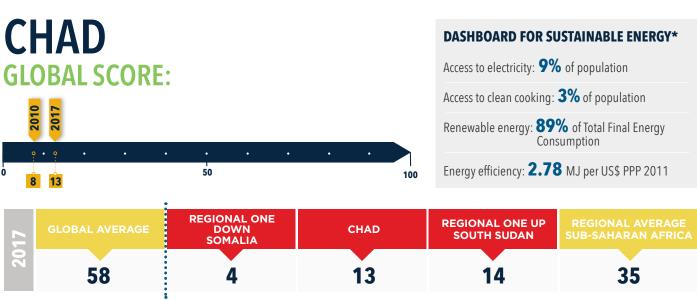


#### **RENEWABLE ENERGY**

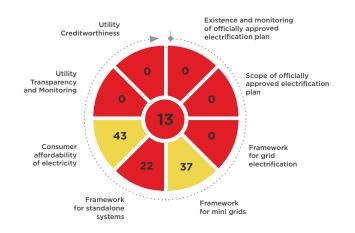


# **EVOLUTION OF RISE SCORE SINCE 2010**

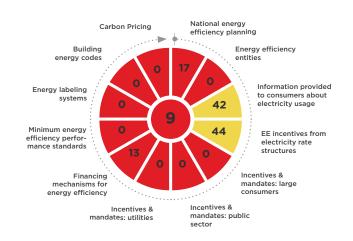




# **ELECTRICITY ACCESS**



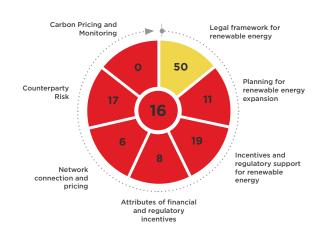
# **ENERGY EFFICIENCY**



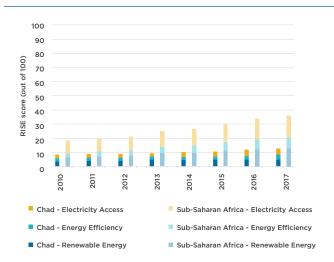
WORLD BANK GROUP

ESMAF

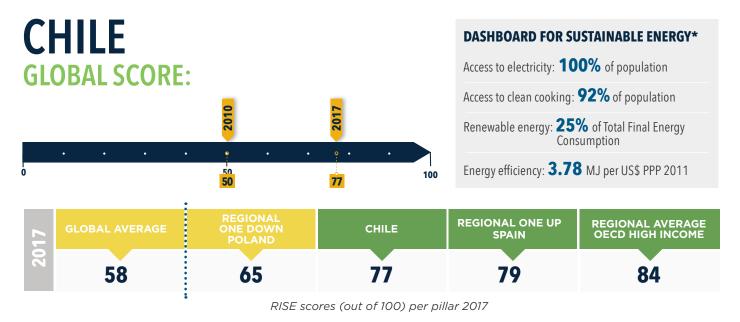
#### **RENEWABLE ENERGY**



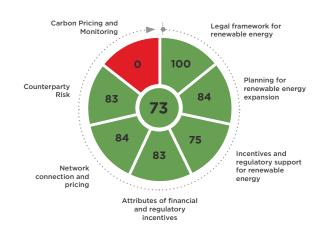
# **EVOLUTION OF RISE SCORE SINCE 2010**



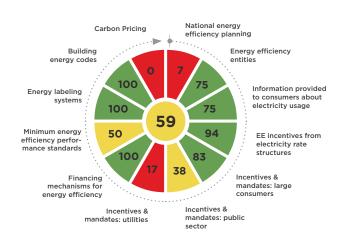




RISE



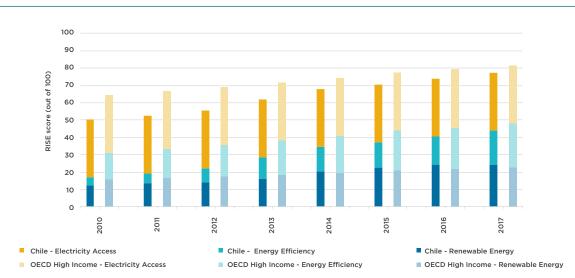
# **ENERGY EFFICIENCY**

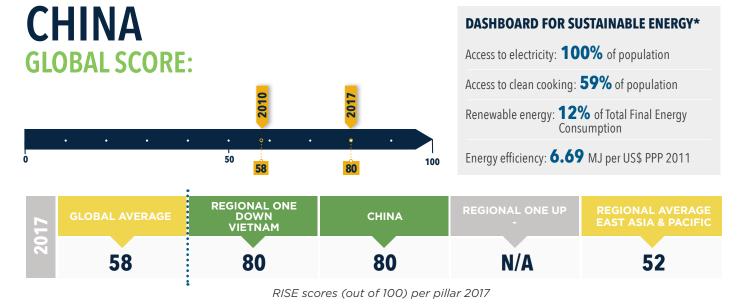


WORLD BANK GROUP

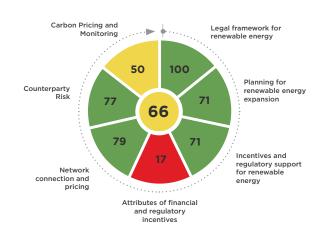
ESM/

#### **EVOLUTION OF RISE SCORE SINCE 2010**

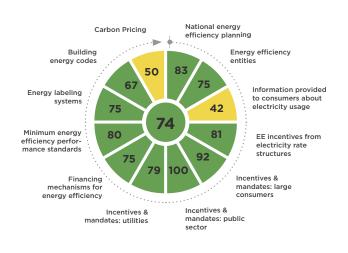




RISE



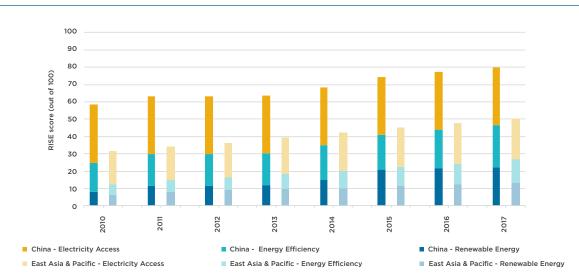
# **ENERGY EFFICIENCY**

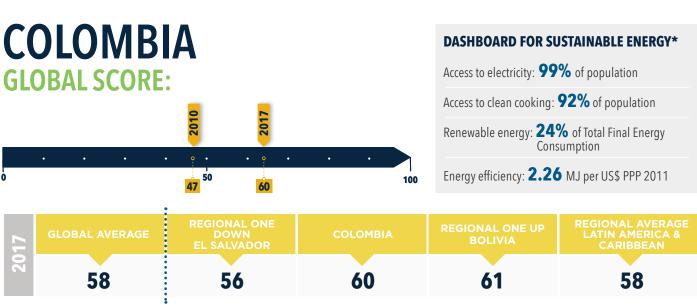


WORLD BANK GROUP

FSM

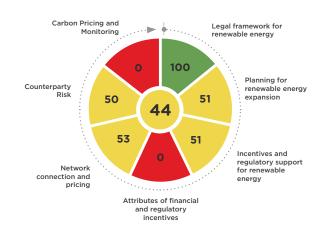
#### **EVOLUTION OF RISE SCORE SINCE 2010**



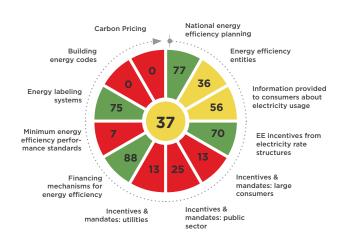


#### **RENEWABLE ENERGY**

RISE



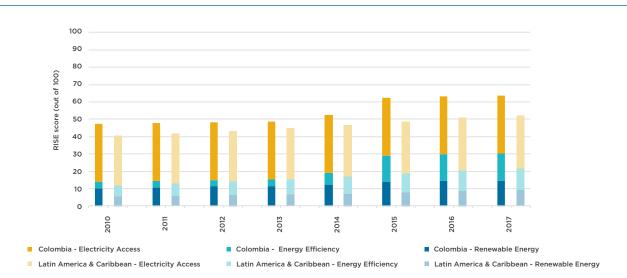
# **ENERGY EFFICIENCY**



WORLD BANK GROUP

ESM

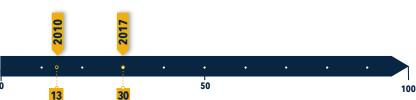
# **EVOLUTION OF RISE SCORE SINCE 2010**







# **CONGO, DEM. REP.** GLOBAL SCORE:



#### DASHBOARD FOR SUSTAINABLE ENERGY\*

Access to electricity: **17%** of population

Access to clean cooking: 4% of population

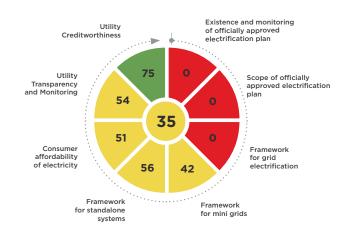
Renewable energy: **96%** of Total Final Energy Consumption

Energy efficiency: **20.94** MJ per US\$ PPP 2011

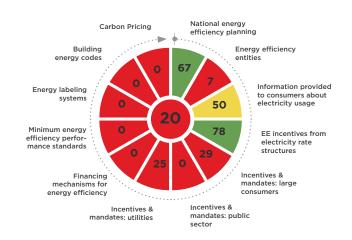
| 17       | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>NIGERIA | CONGO, DEM. REP. | REGIONAL ONE UP<br>ANGOLA | REGIONAL AVERAGE<br>SUB-SAHARAN AFRICA |
|----------|----------------|---------------------------------|------------------|---------------------------|--|
| <b>5</b> |                |                                 |                  |                           |  |
|          | 58             | 30                              | 30               | 31                        | 35                                     |

RISE scores (out of 100) per pillar 2017

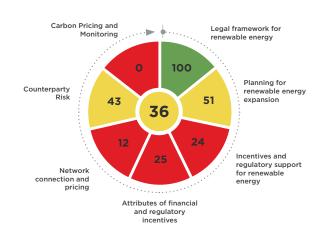
#### **ELECTRICITY ACCESS**



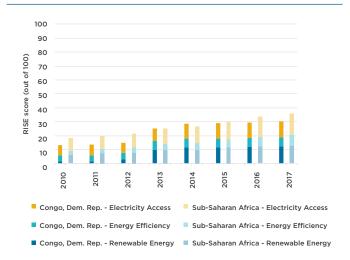
# **ENERGY EFFICIENCY**



#### **RENEWABLE ENERGY**



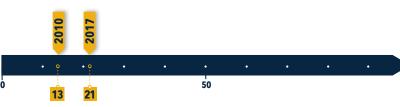
# **EVOLUTION OF RISE SCORE SINCE 2010**







# CONGO, REP. GLOBAL SCORE:



#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

Access to electricity: **57%** of population

Access to clean cooking: 24% of population

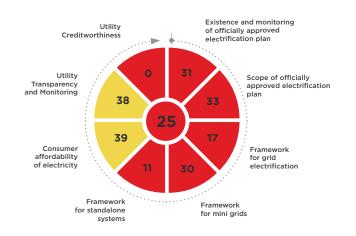
Renewable energy: **62%** of Total Final Energy Consumption

Energy efficiency: **4.02** MJ per US\$ PPP 2011

| 17 | GLOBAL AVERAGE | REGIONAL ONE DOWN<br>CENTRAL AFRICAN<br>REPUBLIC | CONGO, REP. | REGIONAL ONE UP<br>MADAGASCAR | REGIONAL AVERAGE<br>SUB-SAHARAN AFRICA |
|----|----------------|--|-------------|-------------------------------|--|
| 5  |                |  |             |                               |  |
|    | 58             | 19   | 21          | 21                            | 35                                     |

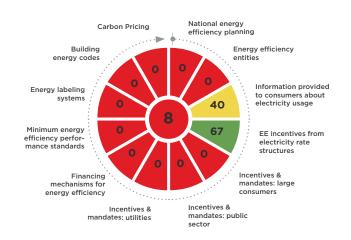
RISE scores (out of 100) per pillar 2017

#### **ELECTRICITY ACCESS**

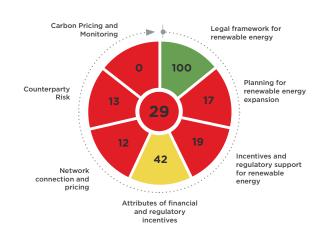


# ENERGY EFFICIENCY

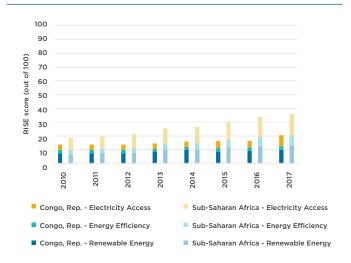
100

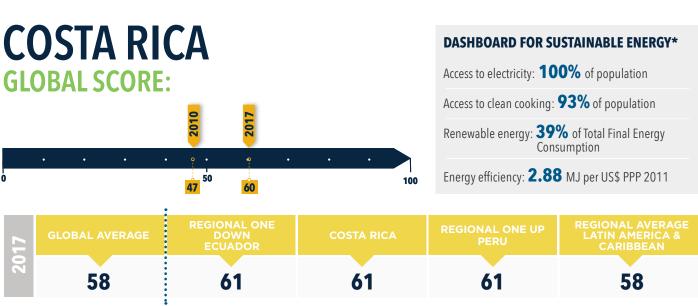


#### **RENEWABLE ENERGY**



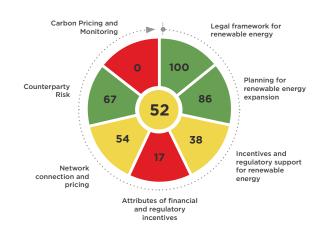
# **EVOLUTION OF RISE SCORE SINCE 2010**



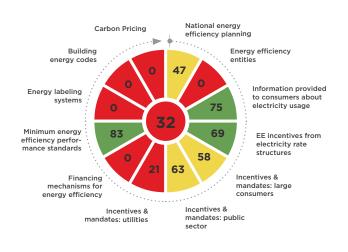


#### **RENEWABLE ENERGY**

RISE



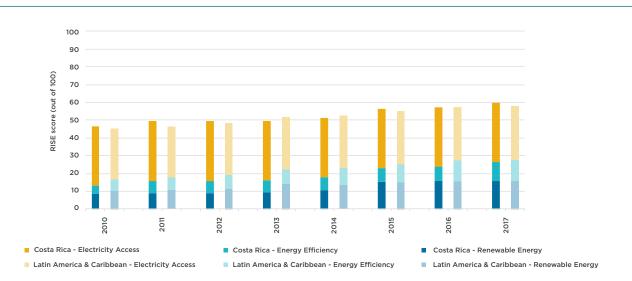
# **ENERGY EFFICIENCY**

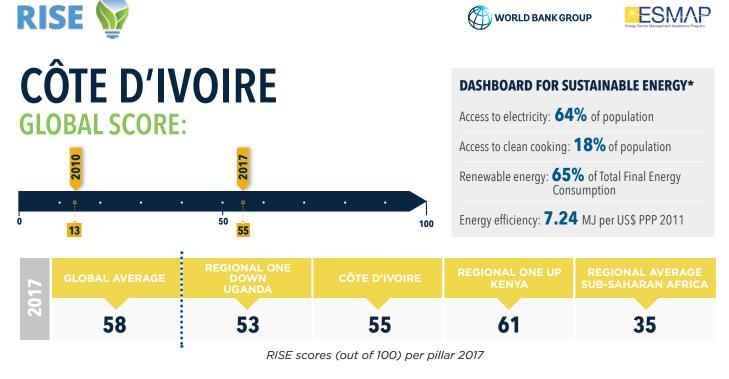


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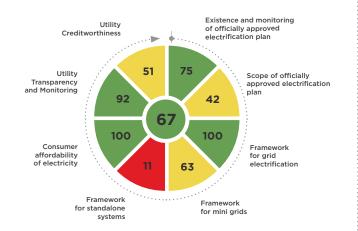
ESM

#### **EVOLUTION OF RISE SCORE SINCE 2010**

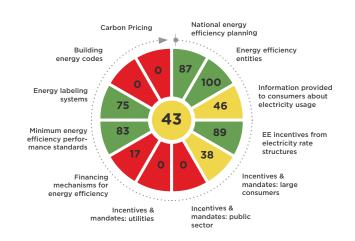




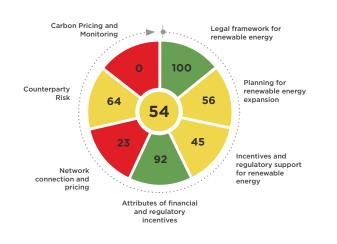
#### **ELECTRICITY ACCESS**



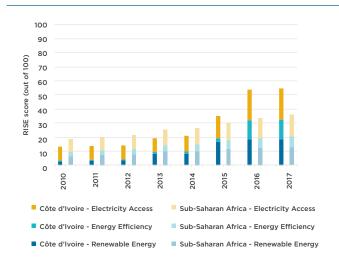
# **ENERGY EFFICIENCY**

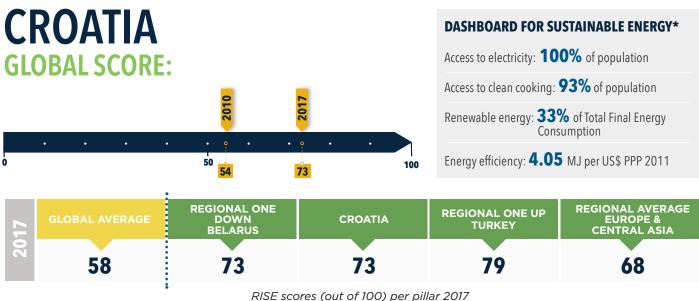


#### **RENEWABLE ENERGY**



# **EVOLUTION OF RISE SCORE SINCE 2010**

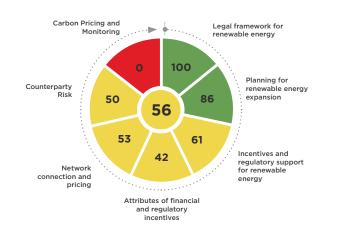




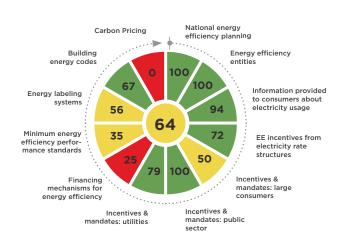
RISE SCORES (OUL OF 100) per pillar

#### **RENEWABLE ENERGY**

RISE



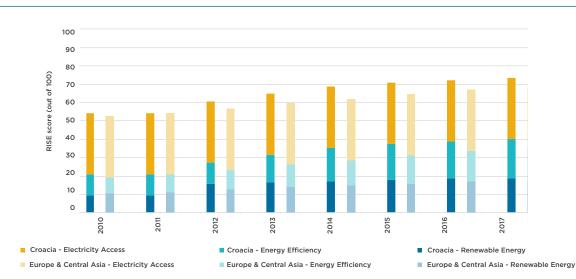
#### **ENERGY EFFICIENCY**

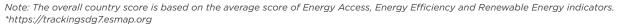


WORLD BANK GROUP

ESM/

#### **EVOLUTION OF RISE SCORE SINCE 2010**









# **CZECH REPUBLIC** GLOBAL SCORE:



#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

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

Access to clean cooking: 97% of population

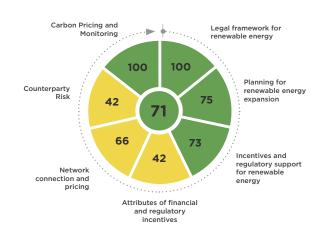
Renewable energy: **15%** of Total Final Energy Consumption

Energy efficiency: **5.51** MJ per US\$ PPP 2011

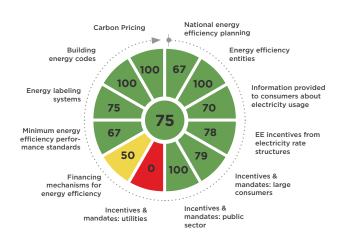
| 17 | GLOBAL AVERAGE | REGIONAL<br>ONE DOWN<br>FINLAND | CZECH REPUBLIC | REGIONAL ONE UP<br>JAPAN | REGIONAL AVERAGE<br>OECD HIGH INCOME |
|----|----------------|---------------------------------|----------------|--------------------------|--------------------------------------|
| 20 | 58             | 81                              | 82             | 82                       | 84                                   |

RISE scores (out of 100) per pillar 2017

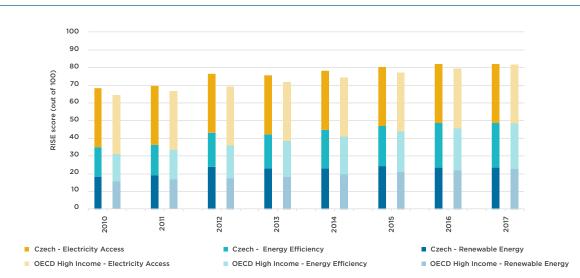
#### **RENEWABLE ENERGY**

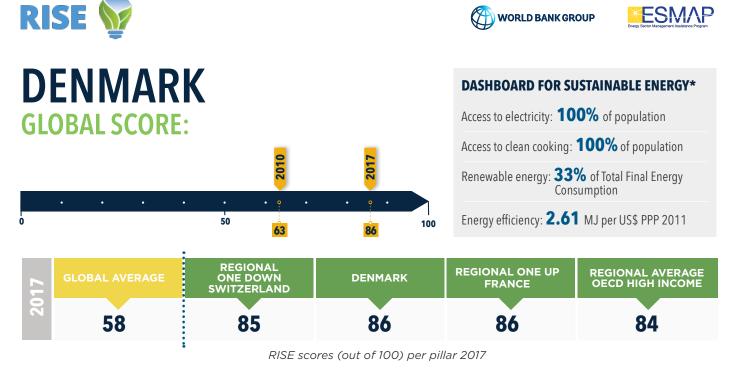


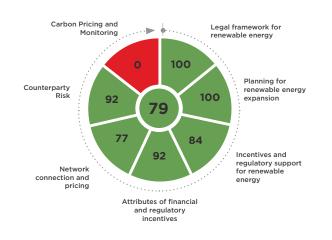
# **ENERGY EFFICIENCY**



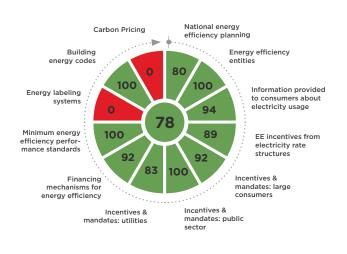
# **EVOLUTION OF RISE SCORE SINCE 2010**



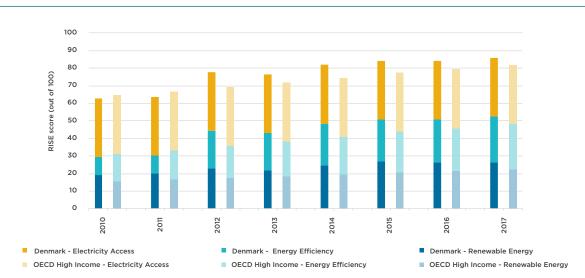




# **ENERGY EFFICIENCY**



#### **EVOLUTION OF RISE SCORE SINCE 2010**





'n





# **DOMINICAN REPUBLIC** GLOBAL SCORE:

50

2010 2017

58 62

#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

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

Access to clean cooking: 90% of population

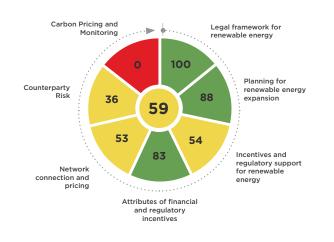
Renewable energy: **16%** of Total Final Energy Consumption

Energy efficiency: 2.45 MJ per US\$ PPP 2011

| 17 | GLOBAL AVERAGE | REGIONAL<br>ONE DOWN<br>PERU | DOMINICAN<br>REPUBLIC | REGIONAL ONE UP<br>ARGENTINA | REGIONAL AVERAGE<br>LATIN AMERICA &<br>CARIBBEAN |
|----|----------------|------------------------------|-----------------------|------------------------------|--|
| 20 | 58             | 61                           | 62                    | 64                           | 58   |
|    |                | <b>U</b> I                   | VL                    | •••                          | •••  |

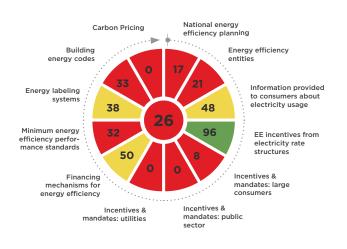
RISE scores (out of 100) per pillar 2017

#### **RENEWABLE ENERGY**

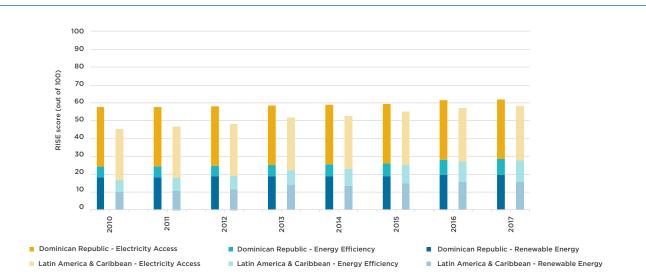


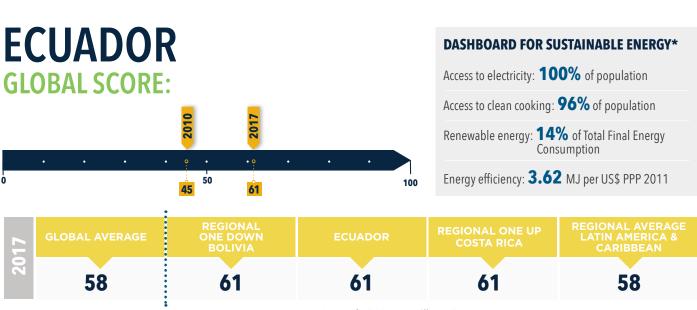
# ENERGY EFFICIENCY

100



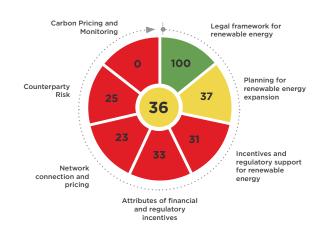
# **EVOLUTION OF RISE SCORE SINCE 2010**



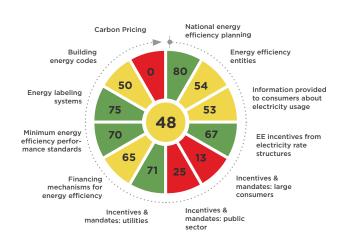


#### **RENEWABLE ENERGY**

RISE



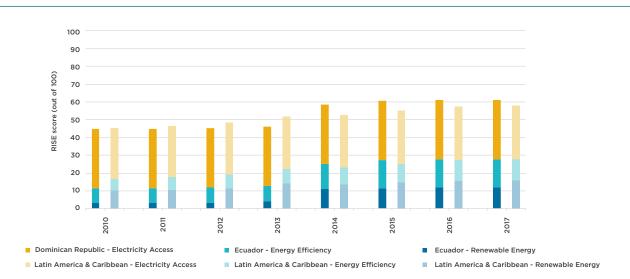
# **ENERGY EFFICIENCY**

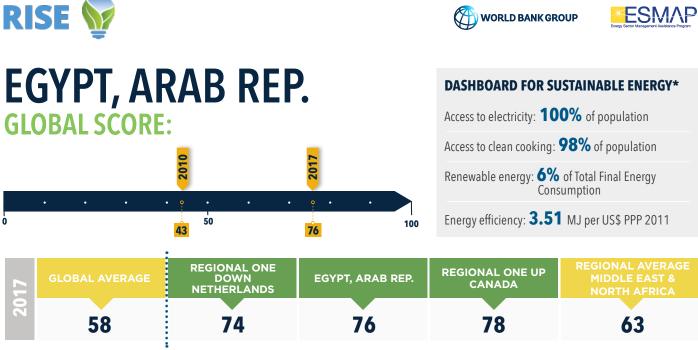


WORLD BANK GROUP

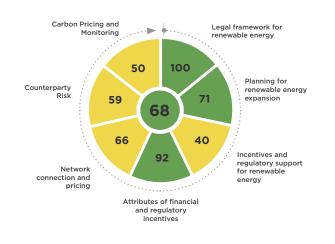
ESM

#### **EVOLUTION OF RISE SCORE SINCE 2010**

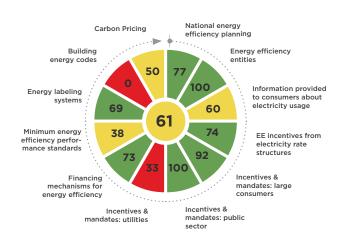




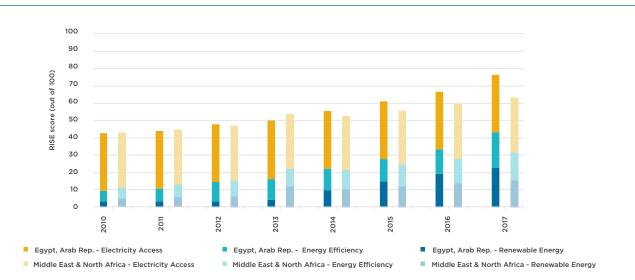
#### **RENEWABLE ENERGY**

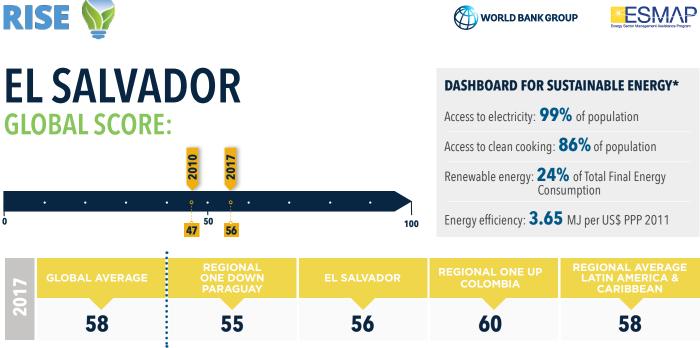


# **ENERGY EFFICIENCY**

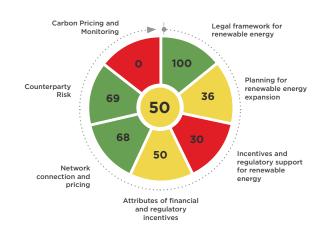


# **EVOLUTION OF RISE SCORE SINCE 2010**

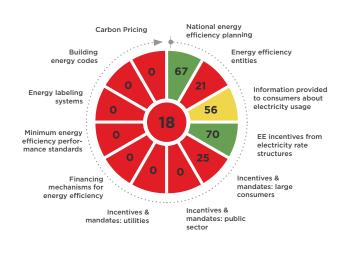




#### **RENEWABLE ENERGY**

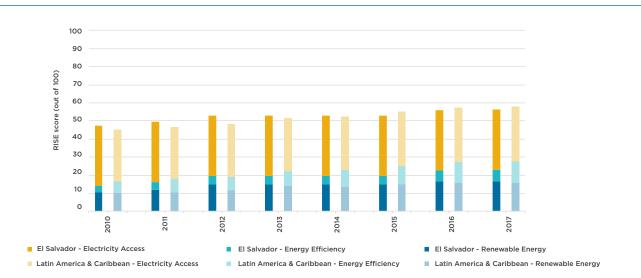


# **ENERGY EFFICIENCY**



ESM

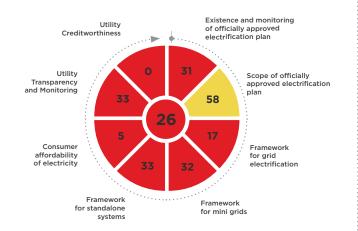
# **EVOLUTION OF RISE SCORE SINCE 2010**



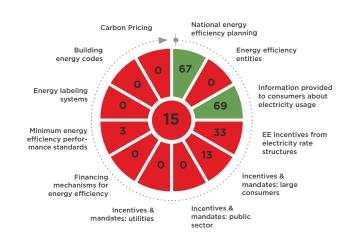


# **ELECTRICITY ACCESS**

RISE



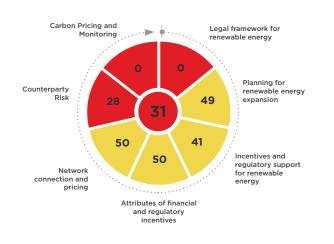
# **ENERGY EFFICIENCY**



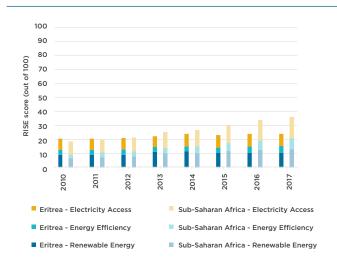
WORLD BANK GROUP

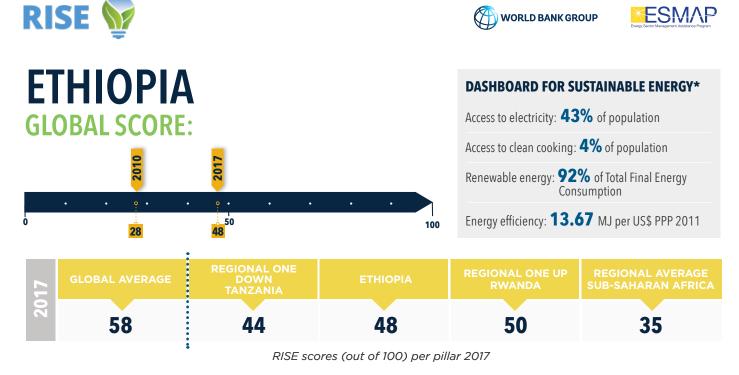
ESMAF

#### **RENEWABLE ENERGY**

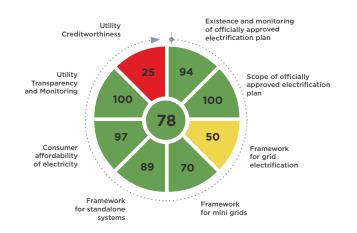


# **EVOLUTION OF RISE SCORE SINCE 2010**

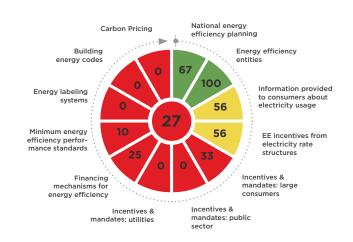




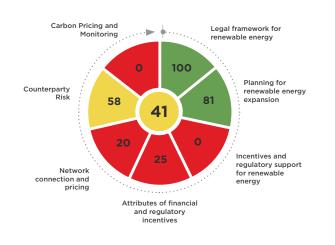
#### **ELECTRICITY ACCESS**



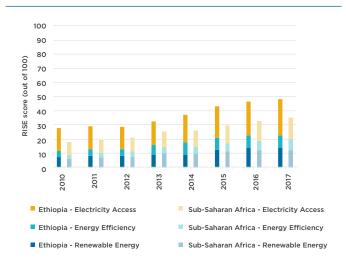
# **ENERGY EFFICIENCY**

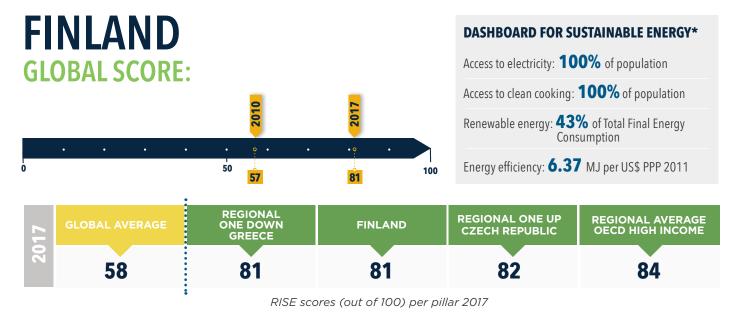


#### **RENEWABLE ENERGY**



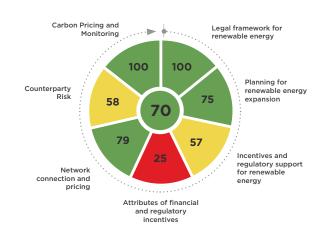
# **EVOLUTION OF RISE SCORE SINCE 2010**



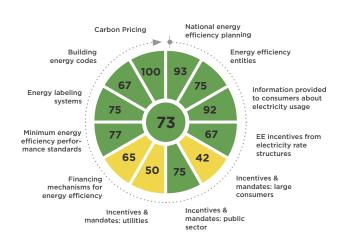


#### **RENEWABLE ENERGY**

RISE



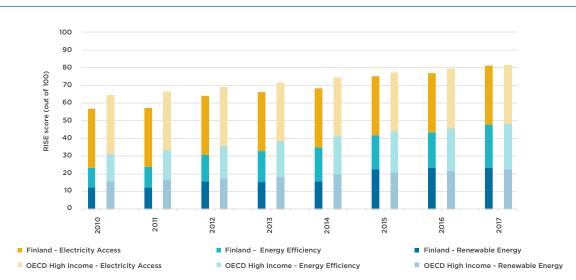
# **ENERGY EFFICIENCY**

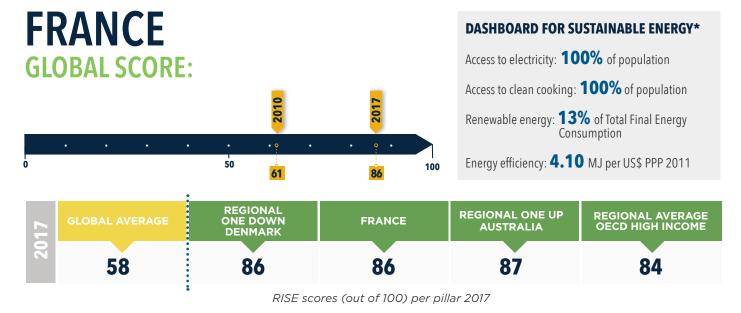


WORLD BANK GROUP

ESM/

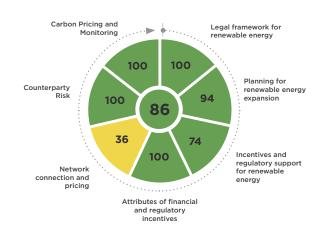
#### **EVOLUTION OF RISE SCORE SINCE 2010**



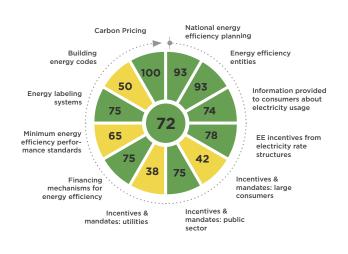


#### **RENEWABLE ENERGY**

RISE



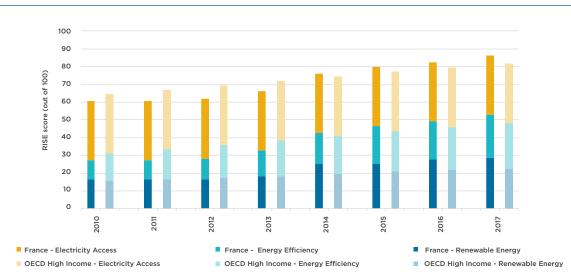
### **ENERGY EFFICIENCY**

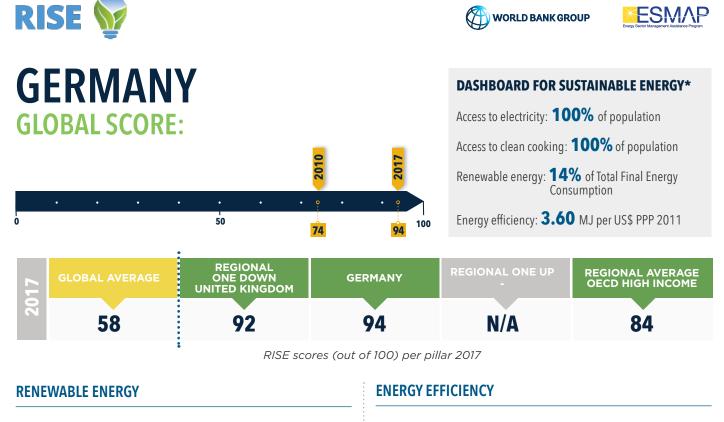


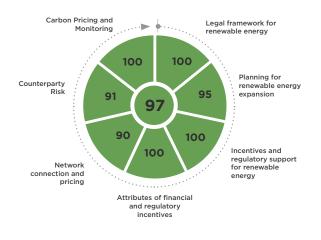
WORLD BANK GROUP

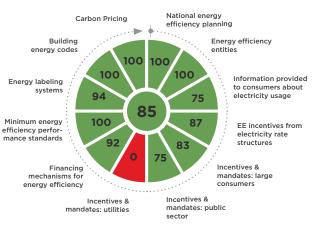
ESM/

#### **EVOLUTION OF RISE SCORE SINCE 2010**





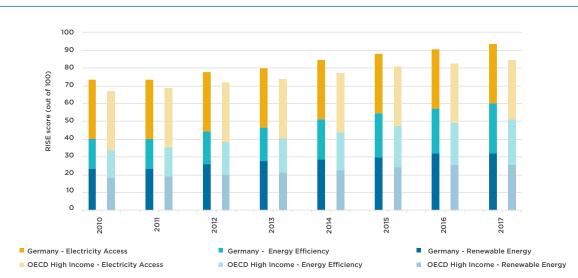


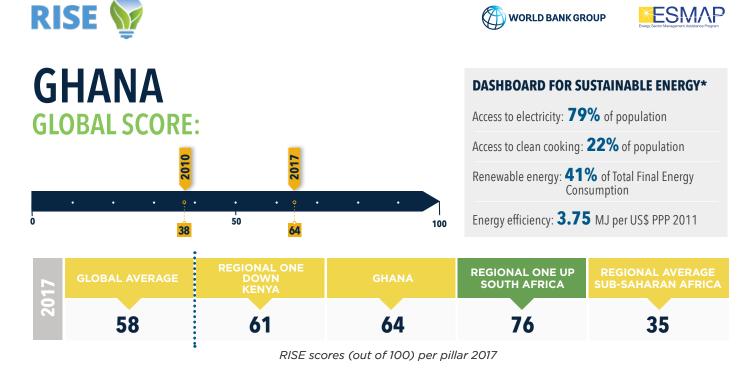


( WORLD BANK GROUP

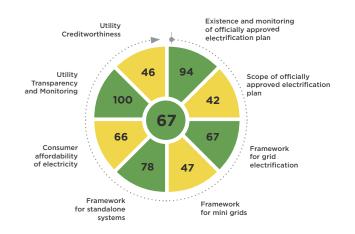
ESMAF

#### **EVOLUTION OF RISE SCORE SINCE 2010**

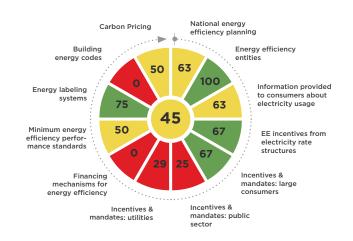




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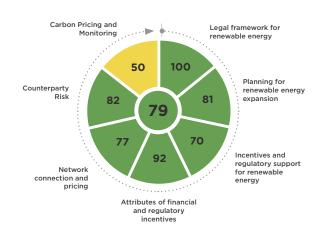


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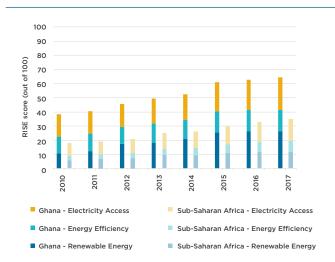


ESMAF

#### **RENEWABLE ENERGY**



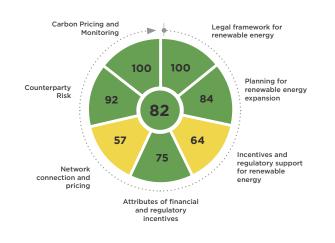
# **EVOLUTION OF RISE SCORE SINCE 2010**



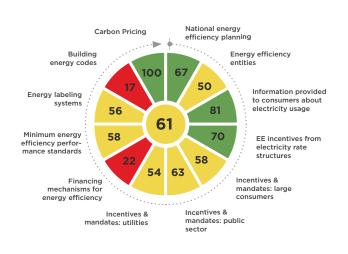


#### **RENEWABLE ENERGY**

RISE



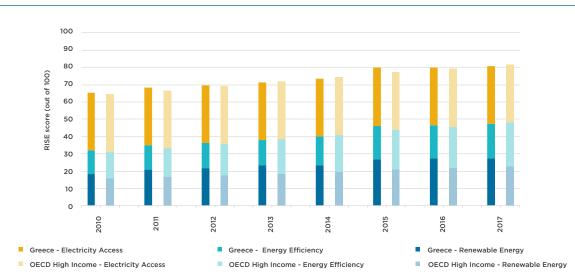
# **ENERGY EFFICIENCY**



WORLD BANK GROUP

ESM/

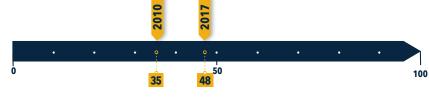
# **EVOLUTION OF RISE SCORE SINCE 2010**







# **GUATEMALA** GLOBAL SCORE:



#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

Access to electricity: **92%** of population

Access to clean cooking: 45% of population

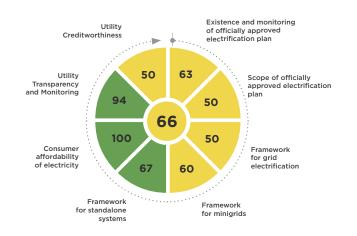
Renewable energy: **64%** of Total Final Energy Consumption

Energy efficiency: 4.48 MJ per US\$ PPP 2011

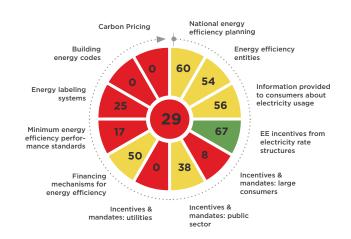
| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>HONDURAS | GUATEMALA | REGIONAL ONE UP<br>VENEZUELA, RB | REGIONAL AVERAGE<br>LATIN AMERICA &<br>CARIBBEAN |
|----|----------------|----------------------------------|-----------|----------------------------------|--|
| 20 | 58             | 35                               | 48        | 48                               | 58   |

RISE scores (out of 100) per pillar 2017

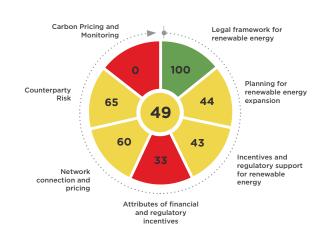
#### **ELECTRICITY ACCESS**



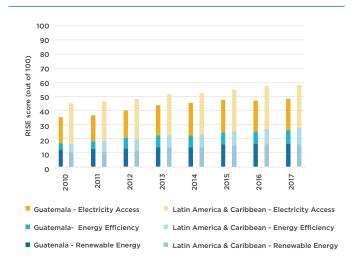
# ENERGY EFFICIENCY



#### **RENEWABLE ENERGY**



# **EVOLUTION OF RISE SCORE SINCE 2010**







# **GUINEA** GLOBAL SCORE:

2010

26

2017

35

50

#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

Access to electricity: **34%** of population

Access to clean cooking: 1% of population

Renewable energy: **76%** of Total Final Energy Consumption

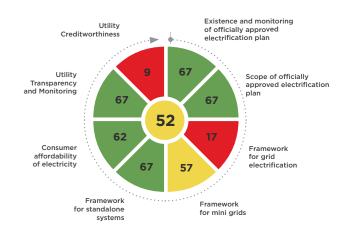
Energy efficiency: **10.62** MJ per US\$ PPP 2011

| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>SUDAN | GUINEA | REGIONAL ONE UP<br>NIGER | REGIONAL AVERAGE<br>SUB-SAHARAN AFRICA |
|----|----------------|-------------------------------|--------|--------------------------|--|
| 20 | 58             | 32                            | 35     | 36                       | 35                                     |

RISE scores (out of 100) per pillar 2017

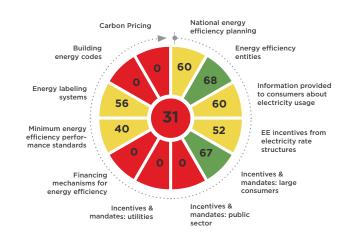
### **ELECTRICITY ACCESS**

'n

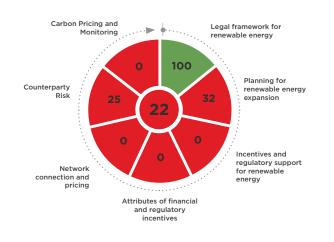


# ENERGY EFFICIENCY

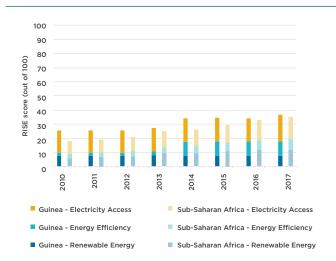
100

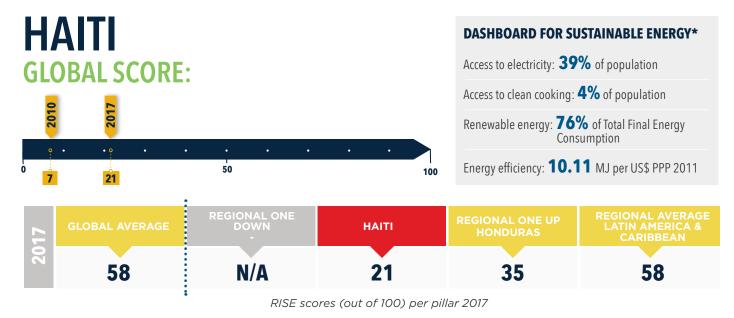


#### **RENEWABLE ENERGY**



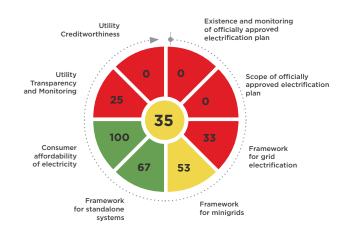
# **EVOLUTION OF RISE SCORE SINCE 2010**



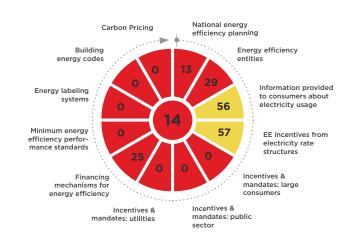


#### ELECTRICITY ACCESS

RISE



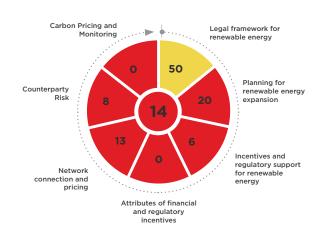
# **ENERGY EFFICIENCY**



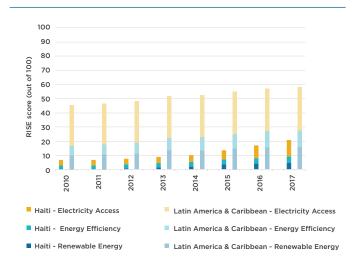
WORLD BANK GROUP

ESMAF

#### **RENEWABLE ENERGY**



# **EVOLUTION OF RISE SCORE SINCE 2010**







# HONDURAS GLOBAL SCORE:



#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

Access to electricity: **88%** of population

Access to clean cooking: **53%** of population

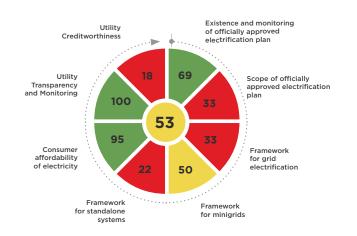
Renewable energy: **52%** of Total Final Energy Consumption

Energy efficiency: **6.15** MJ per US\$ PPP 2011

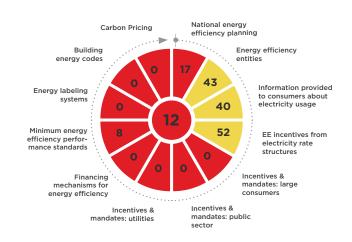
| 17   | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>HAITI | HONDURAS | REGIONAL ONE UP<br>GUATEMALA | REGIONAL AVERAGE<br>LATIN AMERICA &<br>CARIBBEAN |
|------|----------------|-------------------------------|----------|------------------------------|--|
| 2017 | 58             | 21                            | 35       | 48                           | 58   |

RISE scores (out of 100) per pillar 2017

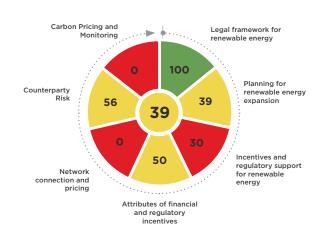
#### **ELECTRICITY ACCESS**



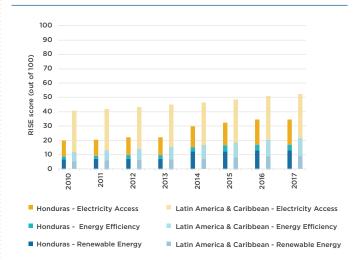
# **ENERGY EFFICIENCY**

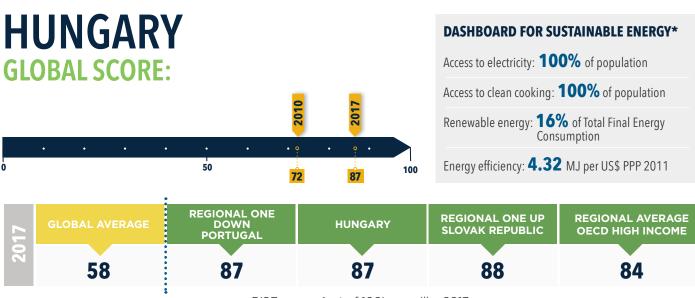


#### **RENEWABLE ENERGY**



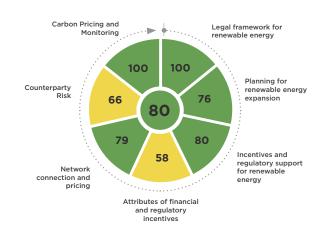
# **EVOLUTION OF RISE SCORE SINCE 2010**



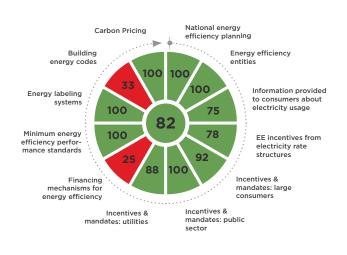


#### **RENEWABLE ENERGY**

RISE



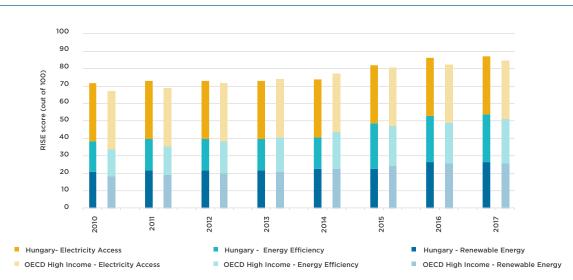
# **ENERGY EFFICIENCY**

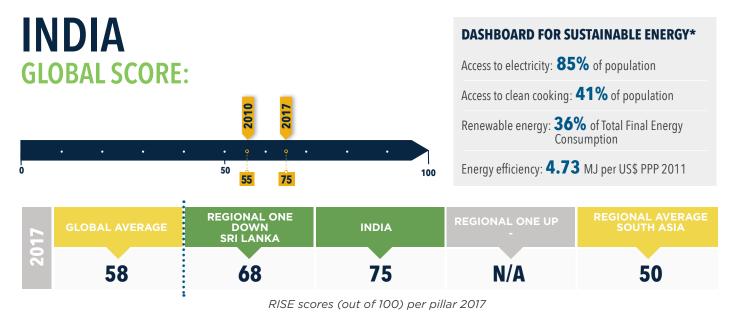


WORLD BANK GROUP

ESM/

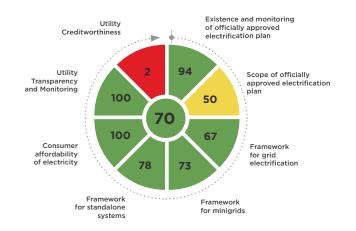
# **EVOLUTION OF RISE SCORE SINCE 2010**



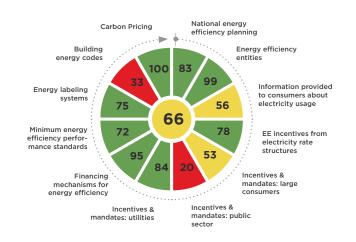


#### **ELECTRICITY ACCESS**

RISE



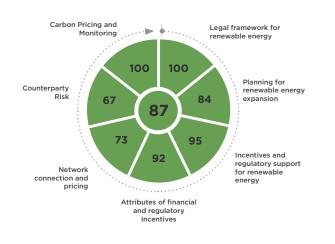
# **ENERGY EFFICIENCY**



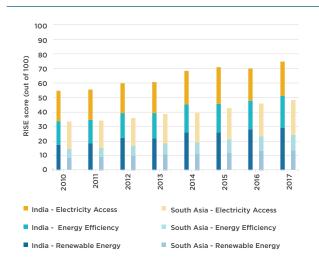
WORLD BANK GROUP

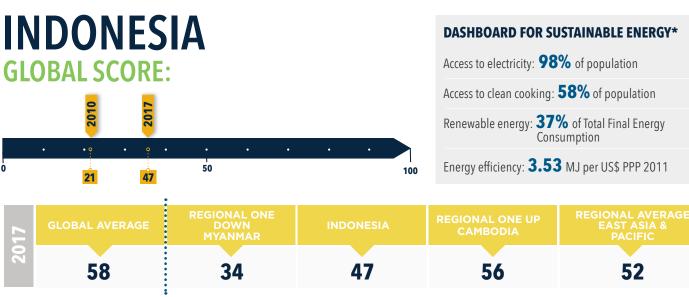
ESMAP

#### **RENEWABLE ENERGY**



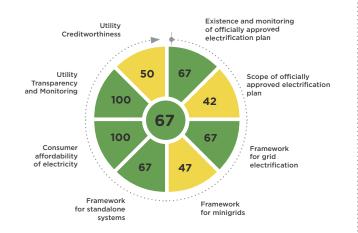
# **EVOLUTION OF RISE SCORE SINCE 2010**



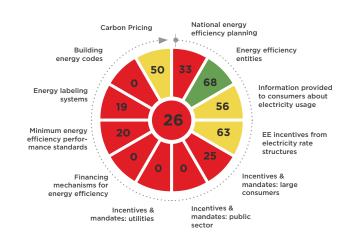


# **ELECTRICITY ACCESS**

RISE



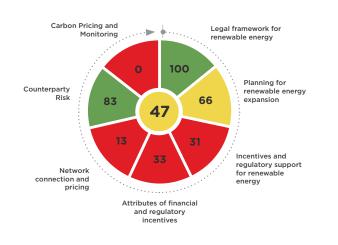
# **ENERGY EFFICIENCY**



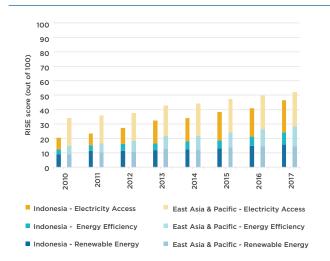
WORLD BANK GROUP

ESMAF

#### **RENEWABLE ENERGY**



# **EVOLUTION OF RISE SCORE SINCE 2010**







# IRAN, ISLAMIC REP. GLOBAL SCORE:

2010

••

59

50



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

Access to clean cooking: **98%** of population

Renewable energy: **1%** of Total Final Energy Consumption

Energy efficiency: 7.8 MJ per US\$ PPP 2011

| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>EGYPT, ARAB REP. | IRAN, ISLAMIC REP. | REGIONAL ONE UP<br>UNITED ARAB<br>EMIRATES | REGIONAL AVERAGE<br>MIDDLE EAST &<br>NORTH AFRICA |
|----|----------------|--|--------------------|--|---|
| 20 |                |  |                    |  |   |
|    | 58             | 76                                       | 78                 | 79   | 63  |

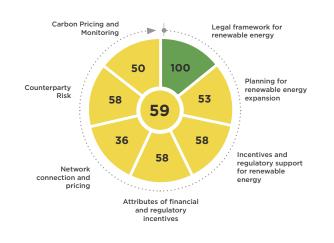
201

78

RISE scores (out of 100) per pillar 2017

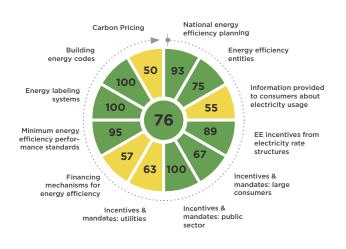
#### **RENEWABLE ENERGY**

'n

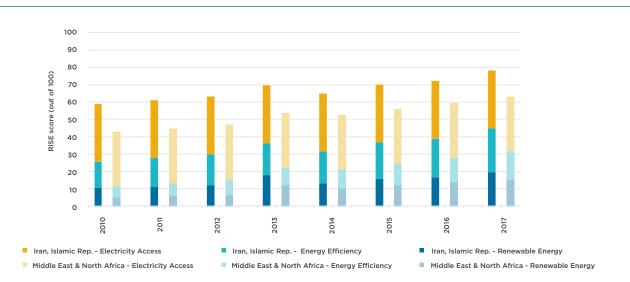


# **ENERGY EFFICIENCY**

100



# **EVOLUTION OF RISE SCORE SINCE 2010**







# IRELAND GLOBAL SCORE:



#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

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

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

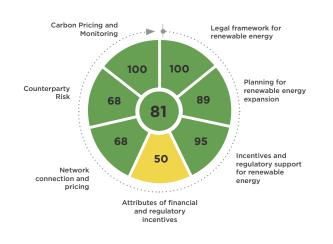
Renewable energy: **9%** of Total Final Energy Consumption

Energy efficiency: **1.95** MJ per US\$ PPP 2011

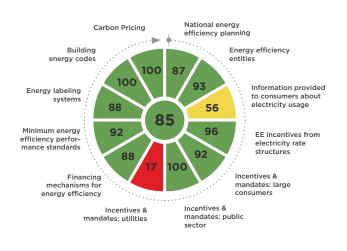
| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>NETHERLANDS | IRELAND | REGIONAL ONE UP<br>CANADA | REGIONAL AVERAGE<br>OECD HIGH INCOME |
|----|----------------|-------------------------------------|---------|---------------------------|--------------------------------------|
| 20 |                |                                     |         |                           |                                      |
|    | 58             | 89                                  | 89      | 90                        | 84                                   |
|    | •••            |                                     | •       |                           | • •                                  |

RISE scores (out of 100) per pillar 2017

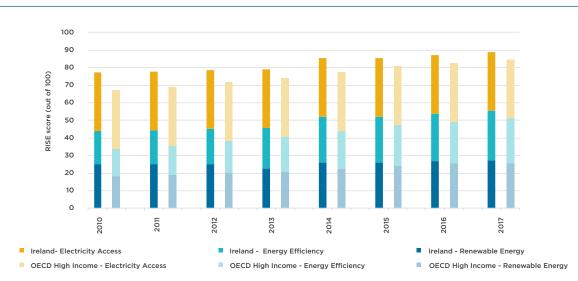
#### **RENEWABLE ENERGY**

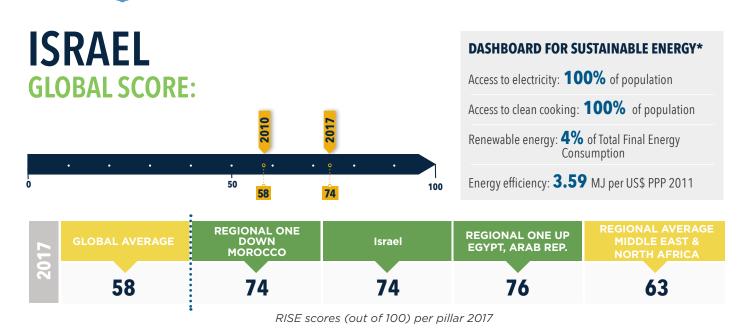


# **ENERGY EFFICIENCY**



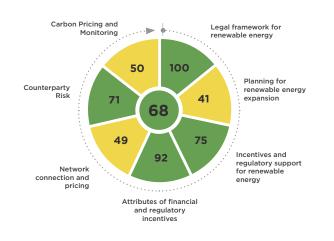
# **EVOLUTION OF RISE SCORE SINCE 2010**



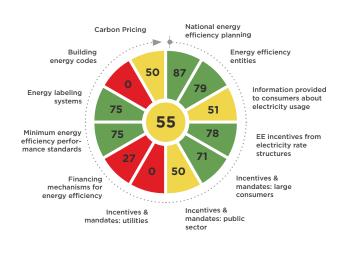


#### **RENEWABLE ENERGY**

RISE



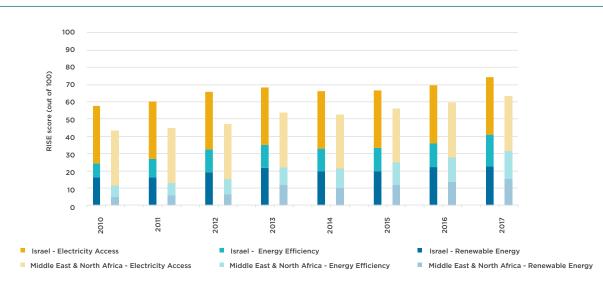
### **ENERGY EFFICIENCY**

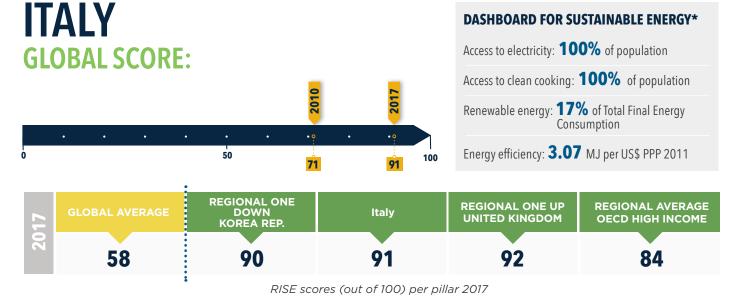


WORLD BANK GROUP

ESM

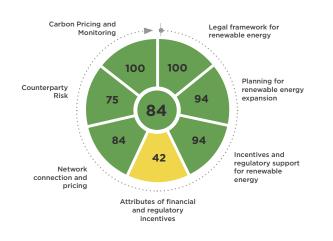
#### **EVOLUTION OF RISE SCORE SINCE 2010**



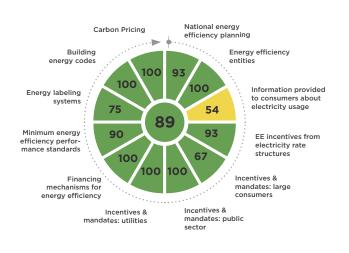


**RENEWABLE ENERGY** 

RISE



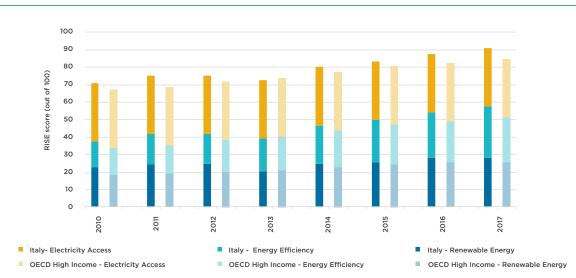
# **ENERGY EFFICIENCY**

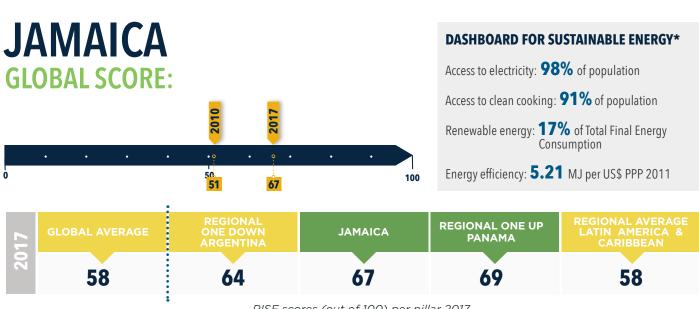


WORLD BANK GROUP

ESM/

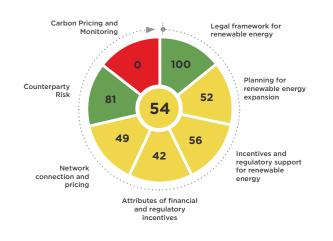
#### **EVOLUTION OF RISE SCORE SINCE 2010**



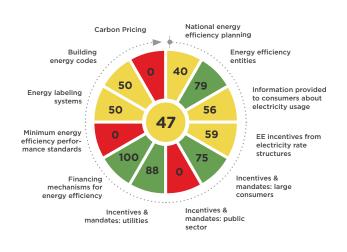


#### **RENEWABLE ENERGY**

RISE



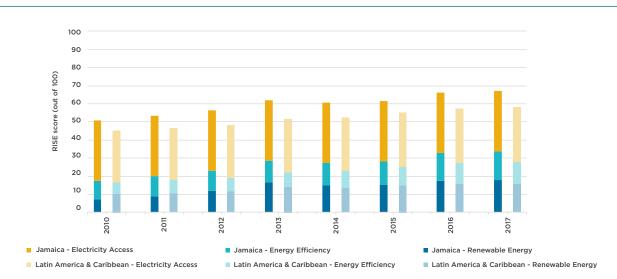
# **ENERGY EFFICIENCY**

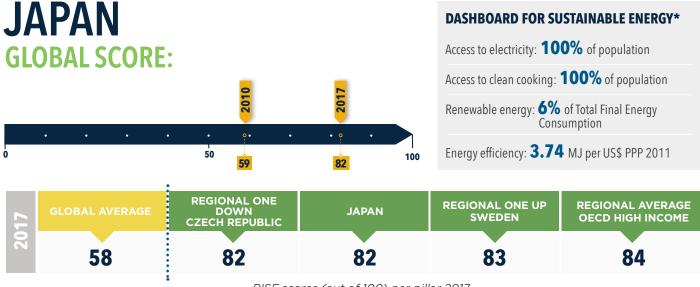


WORLD BANK GROUP

ESM

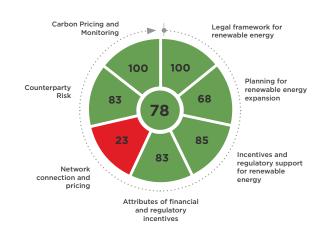
#### **EVOLUTION OF RISE SCORE SINCE 2010**



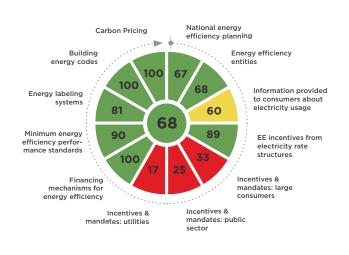


#### **RENEWABLE ENERGY**

RISE



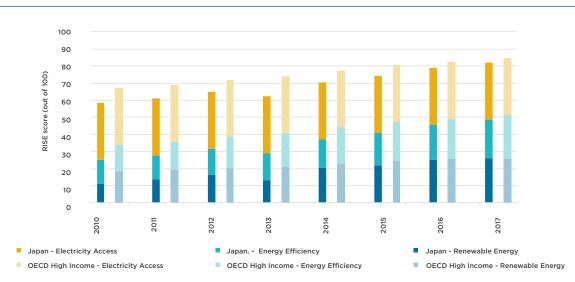
# **ENERGY EFFICIENCY**

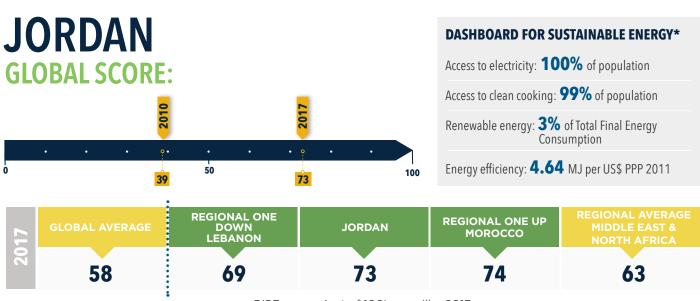


WORLD BANK GROUP

ESM/

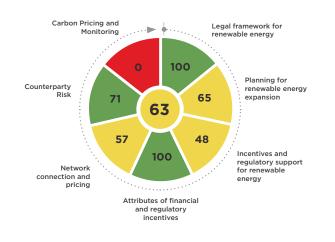
#### **EVOLUTION OF RISE SCORE SINCE 2010**



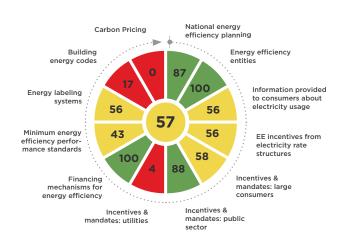


#### **RENEWABLE ENERGY**

RISE



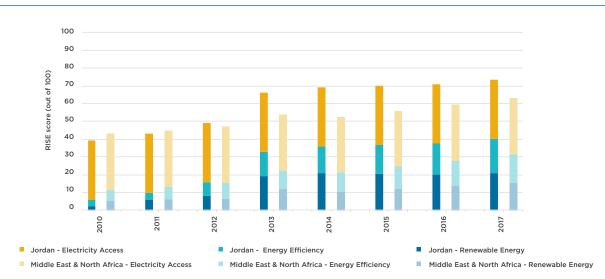
# **ENERGY EFFICIENCY**



WORLD BANK GROUP

ESM/

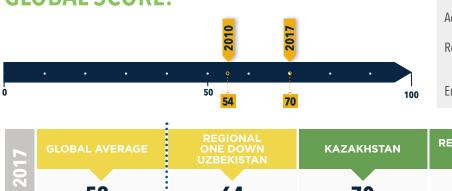
# **EVOLUTION OF RISE SCORE SINCE 2010**







# KAZAKHSTAN GLOBAL SCORE:



DASHBOARD FOR SUSTAINABLE ENERGY\*

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

Access to clean cooking: 95% of population

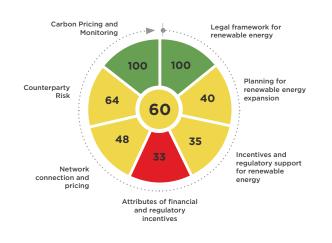
Renewable energy: **2%** of Total Final Energy Consumption

Energy efficiency: 7.92 MJ per US\$ PPP 2011

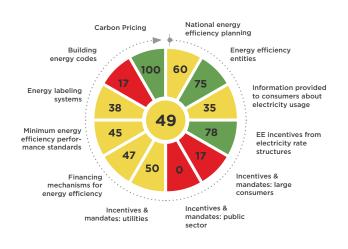
| 17 | GLOBAL AVERAGE | REGIONAL<br>ONE DOWN<br>UZBEKISTAN | KAZAKHSTAN | REGIONAL ONE UP<br>ARMENIA | REGIONAL AVERAGE<br>EUROPE & CENTRAL<br>ASIA |
|----|----------------|------------------------------------|------------|----------------------------|--|
| 20 | 58             | 64                                 | 70         | 70                         | 68   |

RISE scores (out of 100) per pillar 2017

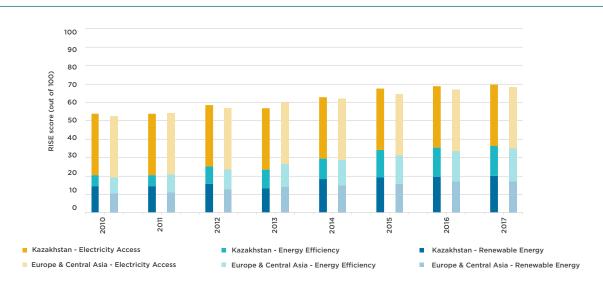
#### **RENEWABLE ENERGY**

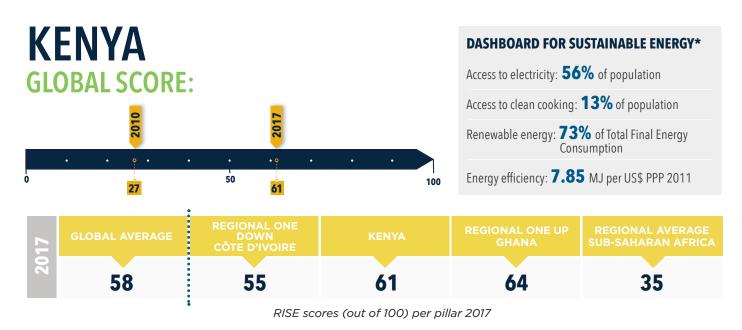


# **ENERGY EFFICIENCY**



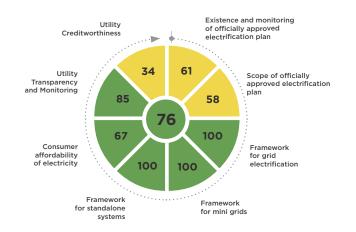
# **EVOLUTION OF RISE SCORE SINCE 2010**



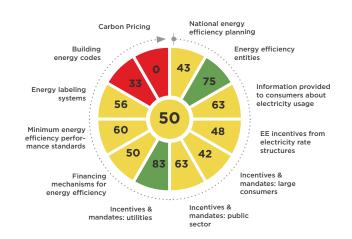


#### **ELECTRICITY ACCESS**

RISE



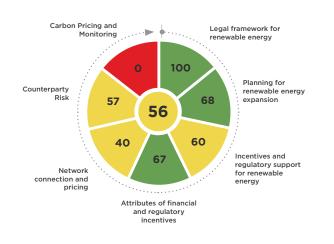
# **ENERGY EFFICIENCY**



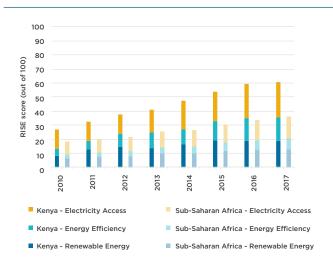
WORLD BANK GROUP

ESMAF

#### **RENEWABLE ENERGY**



#### **EVOLUTION OF RISE SCORE SINCE 2010**





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# KOREA, REP. GLOBAL SCORE:



#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

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

Access to clean cooking: 97% of population

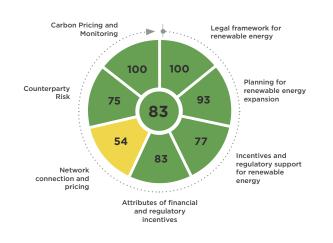
Renewable energy: **3%** of Total Final Energy Consumption

Energy efficiency: 6.55 MJ per US\$ PPP 2011

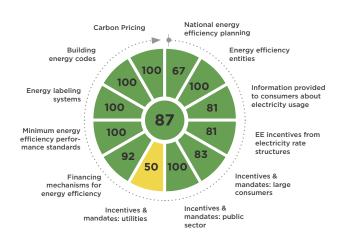
| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>CANADA | KOREA, REP. | REGIONAL ONE UP<br>ITALY | REGIONAL AVERAGE<br>OECD HIGH INCOME |
|----|----------------|--------------------------------|-------------|--------------------------|--------------------------------------|
| 20 | 59             | 00                             | 00          | 01                       | 9Л                                   |
|    | 30             | 70                             | 70          | 71                       | 64                                   |

RISE scores (out of 100) per pillar 2017

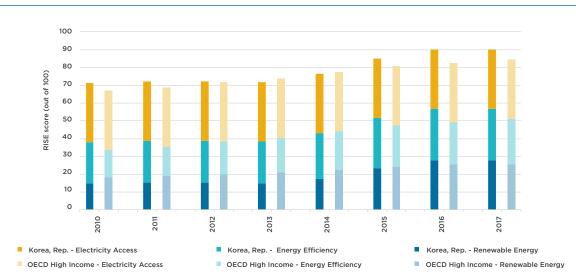
#### **RENEWABLE ENERGY**

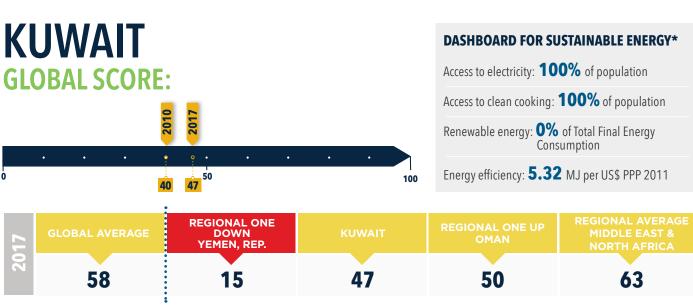


# ENERGY EFFICIENCY



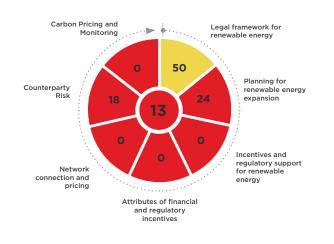
# **EVOLUTION OF RISE SCORE SINCE 2010**



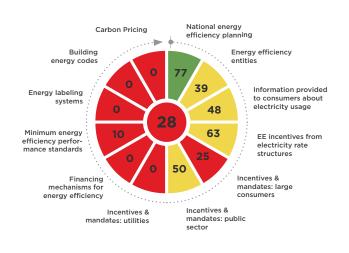


#### **RENEWABLE ENERGY**

RISE



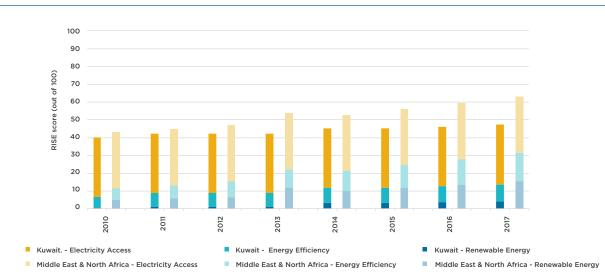
# **ENERGY EFFICIENCY**

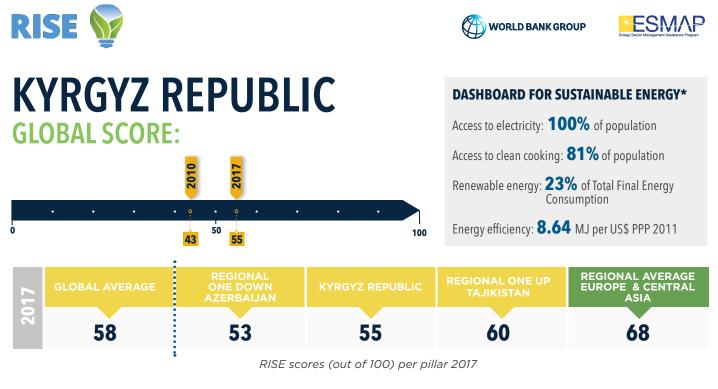


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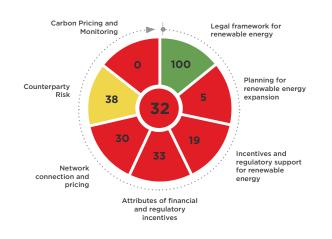
ESM/

# **EVOLUTION OF RISE SCORE SINCE 2010**

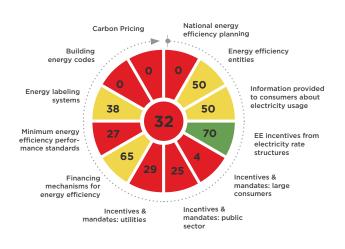




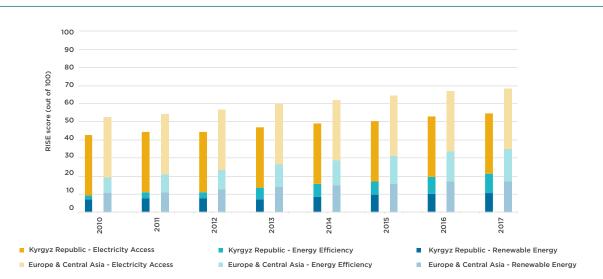
#### **RENEWABLE ENERGY**



# **ENERGY EFFICIENCY**



#### **EVOLUTION OF RISE SCORE SINCE 2010**



Note: The overall country score is based on the average score of Energy Access, Energy Efficiency and Renewable Energy indicators. \*https://trackingsdg7.esmap.org



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# LAO PDR GLOBAL SCORE:

2010

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2017

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29

50

#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

Access to electricity: **87%** of population

Access to clean cooking: **6%** of population

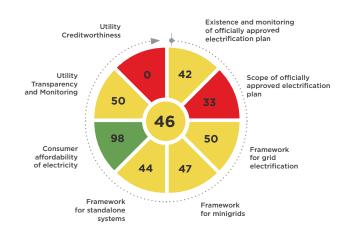
Renewable energy: **59%** of Total Final Energy Consumption

Energy efficiency: **5.17** MJ per US\$ PPP 2011

| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>MONGOLIA | LAO PDR | REGIONAL ONE UP<br>MYANMAR | REGIONAL AVERAGE<br>EAST ASIA &<br>PACIFIC |
|----|----------------|----------------------------------|---------|----------------------------|--|
| 20 | 50             | 20                               | 20      | 24                         | 50   |
|    | 20             | 29                               | 29      | 34                         | 52   |

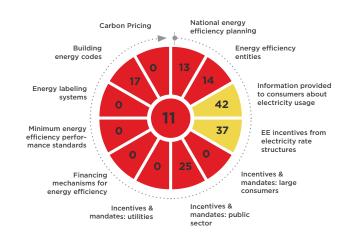
RISE scores (out of 100) per pillar 2017

# **ELECTRICITY ACCESS**

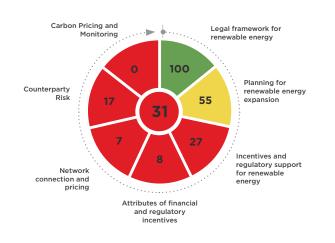


# **ENERGY EFFICIENCY**

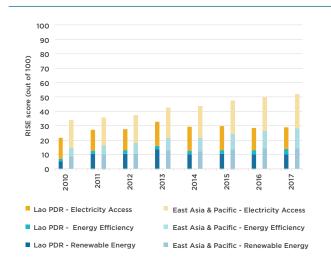
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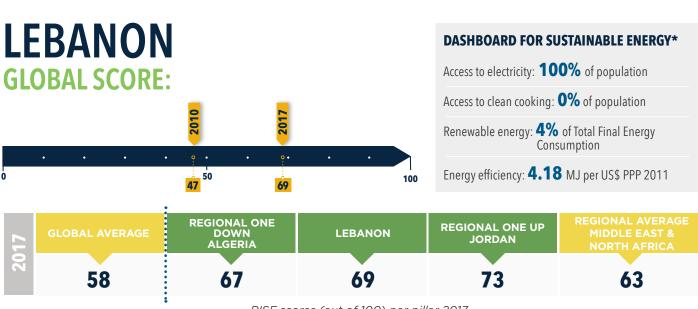


#### **RENEWABLE ENERGY**



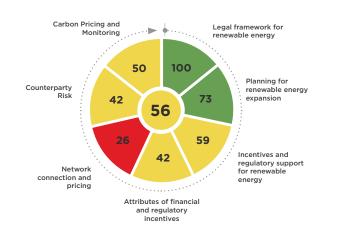
# **EVOLUTION OF RISE SCORE SINCE 2010**



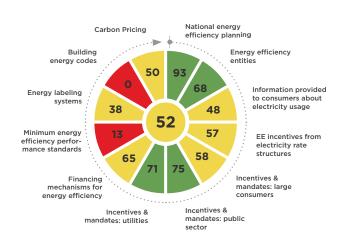


#### **RENEWABLE ENERGY**

RISE



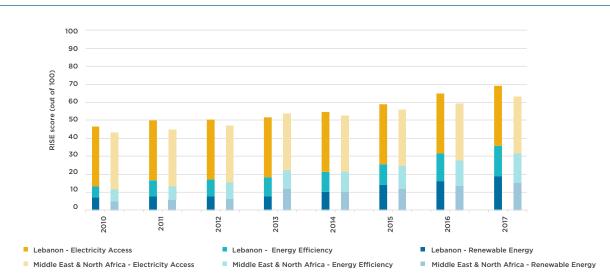
# **ENERGY EFFICIENCY**

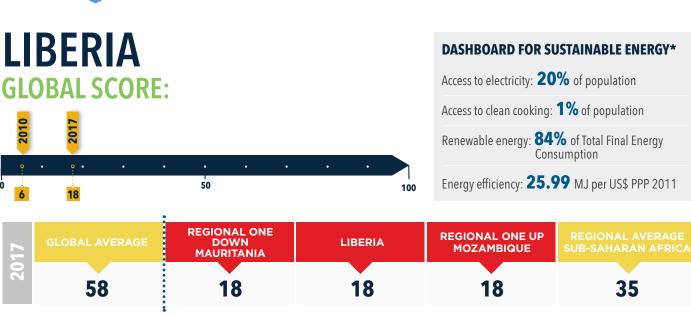


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ESM/

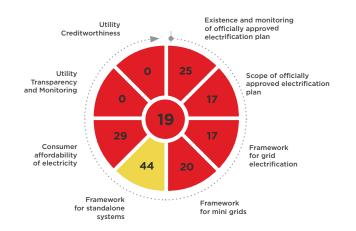
# **EVOLUTION OF RISE SCORE SINCE 2010**



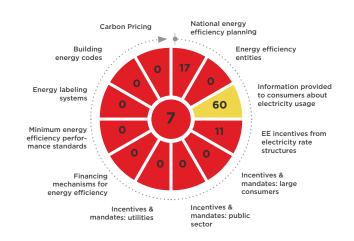


### **ELECTRICITY ACCESS**

RISE



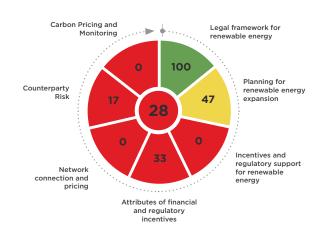
# **ENERGY EFFICIENCY**



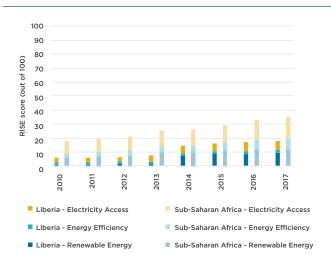
WORLD BANK GROUP

ESMAF

#### **RENEWABLE ENERGY**



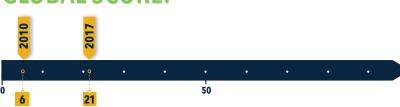
# **EVOLUTION OF RISE SCORE SINCE 2010**







# MADAGASCAR GLOBAL SCORE:



#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

Access to electricity: 23% of population

Access to clean cooking: 1% of population

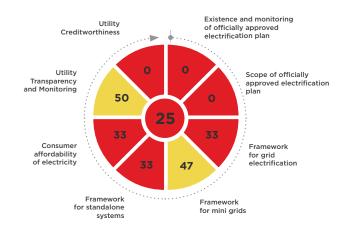
Renewable energy: **70%** of Total Final Energy Consumption

Energy efficiency: **5.37** MJ per US\$ PPP 2011

| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>CONGO, REP. | MADAGASCAR | REGIONAL ONE UP<br>MALI | REGIONAL AVERAGE<br>SUB-SAHARAN AFRICA |
|----|----------------|-------------------------------------|------------|-------------------------|--|
| 50 |                |                                     |            |                         |  |
|    | 58             | 21                                  | 21         | 21                      | 35                                     |

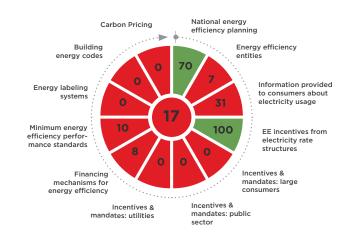
RISE scores (out of 100) per pillar 2017

### **ELECTRICITY ACCESS**

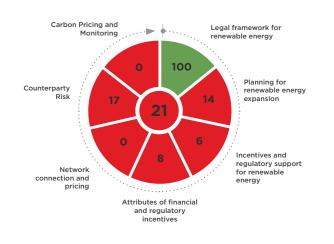


# ENERGY EFFICIENCY

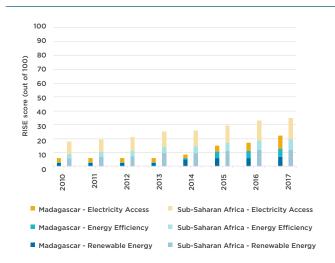
100

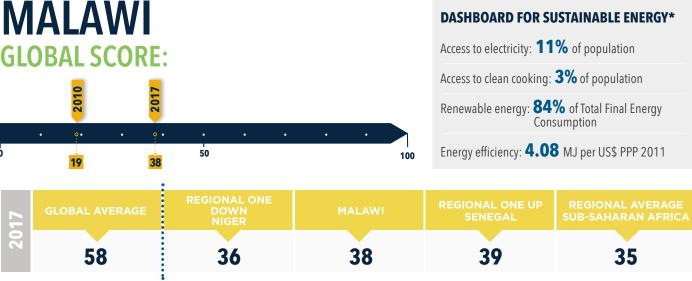


#### **RENEWABLE ENERGY**



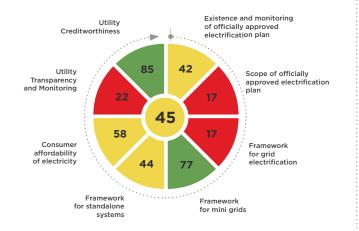
# **EVOLUTION OF RISE SCORE SINCE 2010**



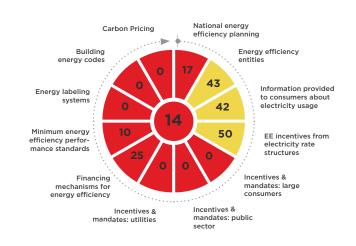


### **ELECTRICITY ACCESS**

RISE



# **ENERGY EFFICIENCY**

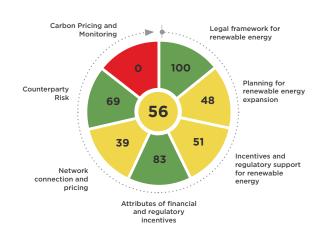


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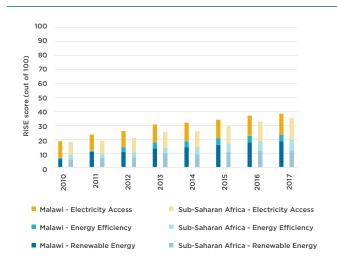
**DASHBOARD FOR SUSTAINABLE ENERGY\*** 

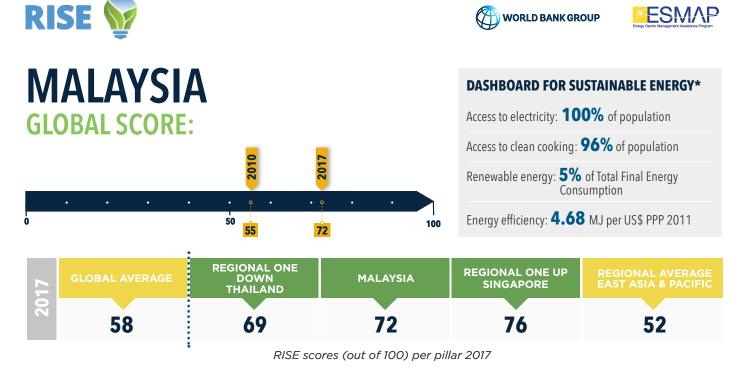
ESMAF

#### **RENEWABLE ENERGY**

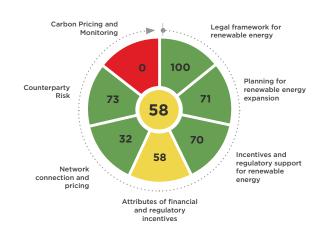


#### **EVOLUTION OF RISE SCORE SINCE 2010**

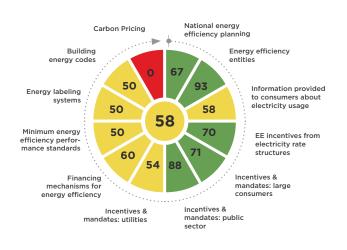




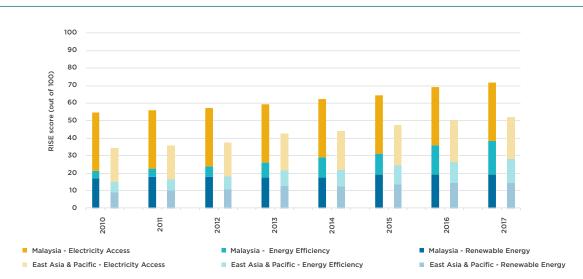
#### **RENEWABLE ENERGY**

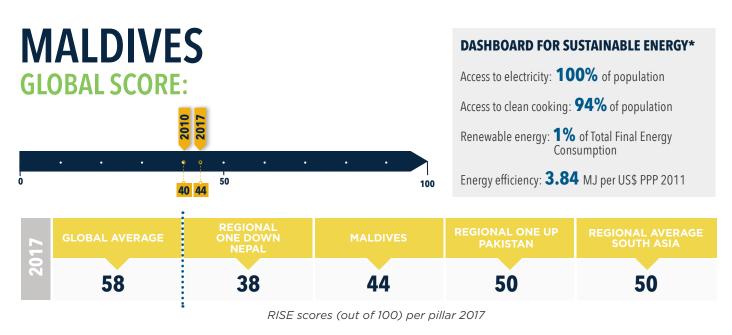


# **ENERGY EFFICIENCY**



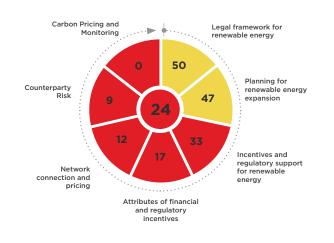
#### **EVOLUTION OF RISE SCORE SINCE 2010**



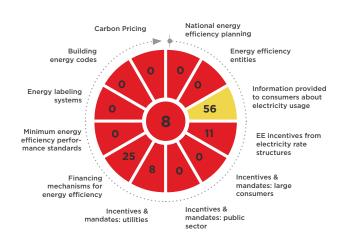


#### **RENEWABLE ENERGY**

RISE



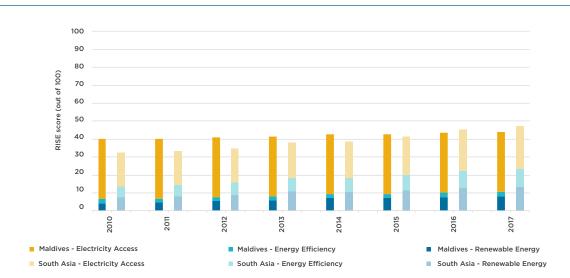
# **ENERGY EFFICIENCY**

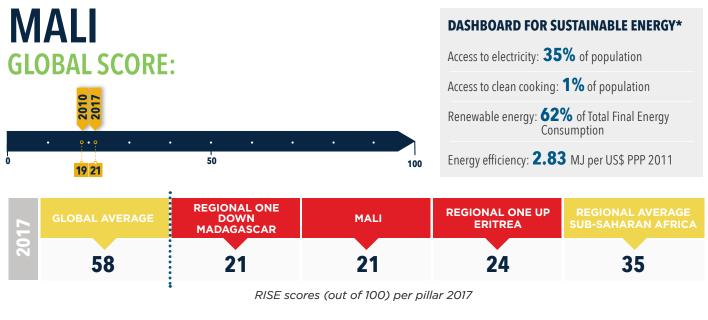


WORLD BANK GROUP

ESM

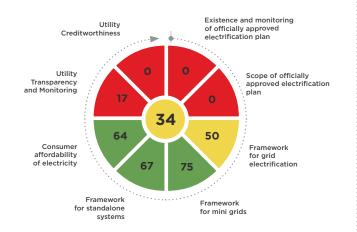
#### **EVOLUTION OF RISE SCORE SINCE 2010**



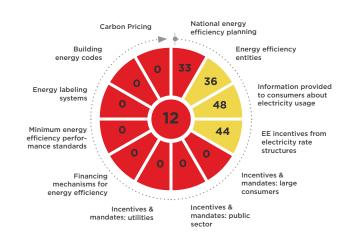


#### **ELECTRICITY ACCESS**

RISE



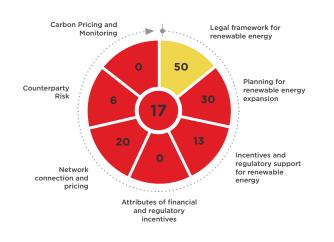
### **ENERGY EFFICIENCY**



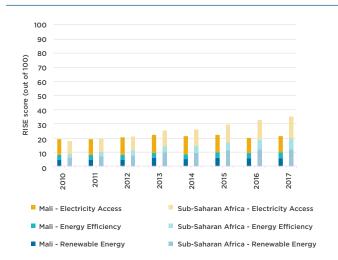
WORLD BANK GROUP

ESMAF

#### **RENEWABLE ENERGY**



#### **EVOLUTION OF RISE SCORE SINCE 2010**







# MAURITANIA GLOBAL SCORE:



#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

Access to electricity: **42%** of population

Access to clean cooking: 47% of population

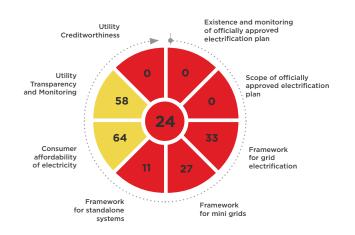
Renewable energy: **32%** of Total Final Energy Consumption

Energy efficiency: **3.59** MJ per US\$ PPP 2011

| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>SOUTH SUDAN | MAURITANIA | REGIONAL ONE UP<br>LIBERIA | REGIONAL AVERAGE<br>SUB-SAHARAN AFRICA |
|----|----------------|-------------------------------------|------------|----------------------------|--|
| 20 | 58             | 14                                  | 18         | 18                         | 35                                     |

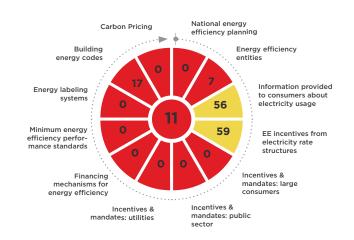
RISE scores (out of 100) per pillar 2017

# **ELECTRICITY ACCESS**

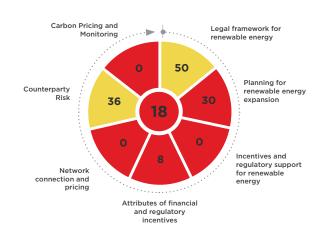


# **ENERGY EFFICIENCY**

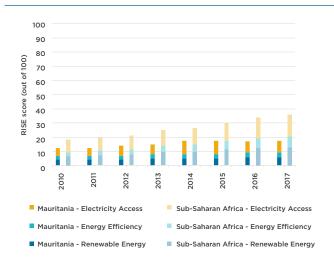
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#### **RENEWABLE ENERGY**



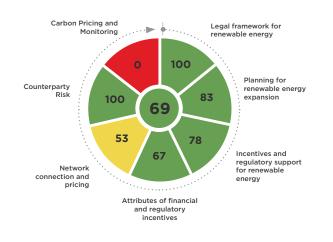
# **EVOLUTION OF RISE SCORE SINCE 2010**



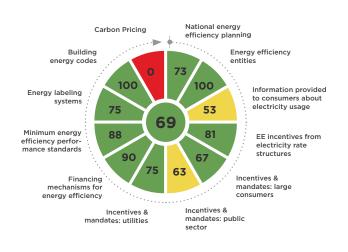


#### **RENEWABLE ENERGY**

RISE



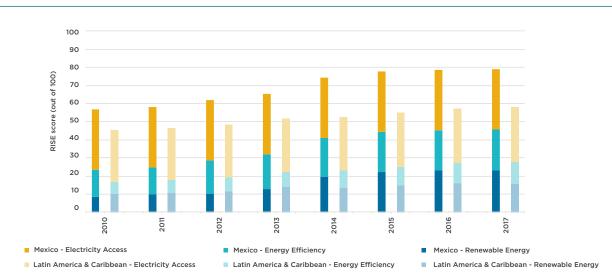
# **ENERGY EFFICIENCY**



WORLD BANK GROUP

ESM

#### **EVOLUTION OF RISE SCORE SINCE 2010**







# MONGOLIA GLOBAL SCORE:

#### 

#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

Access to electricity: **82%** of population

Access to clean cooking: 43% of population

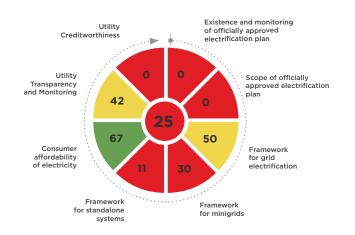
Renewable energy: **3%** of Total Final Energy Consumption

Energy efficiency: 6.10 MJ per US\$ PPP 2011

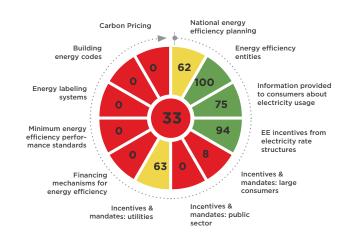
| 11 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>SOLOMON ISLANDS | MONGOLIA | REGIONAL ONE UP<br>LAO PDR | REGIONAL AVERAGE<br>EAST ASIA &<br>PACIFIC |
|----|----------------|---|----------|----------------------------|--|
| 50 |                |   |          |                            |  |
|    | 58             | 27                                      | 29       | 29                         | 52   |

RISE scores (out of 100) per pillar 2017

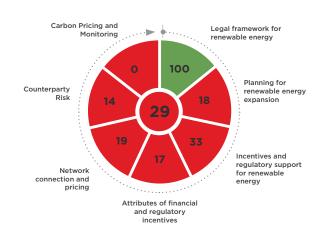
#### **ELECTRICITY ACCESS**



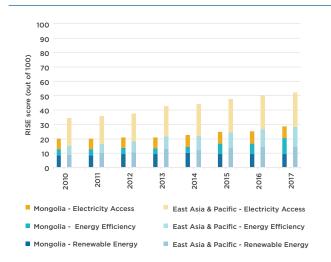
# ENERGY EFFICIENCY

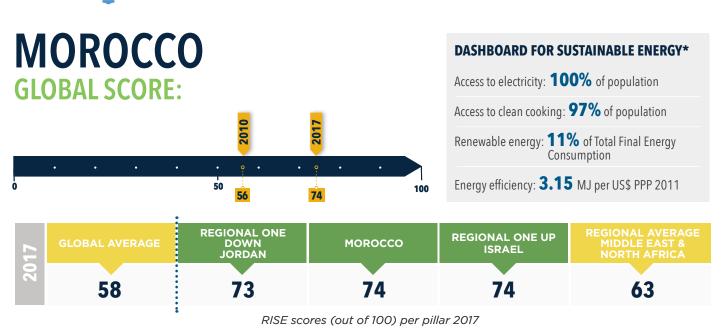


#### **RENEWABLE ENERGY**



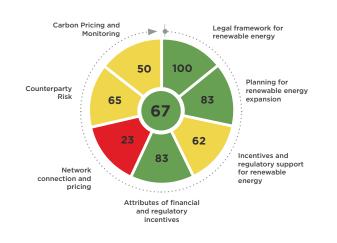
## **EVOLUTION OF RISE SCORE SINCE 2010**



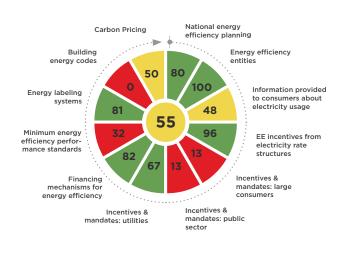


#### **RENEWABLE ENERGY**

RISE



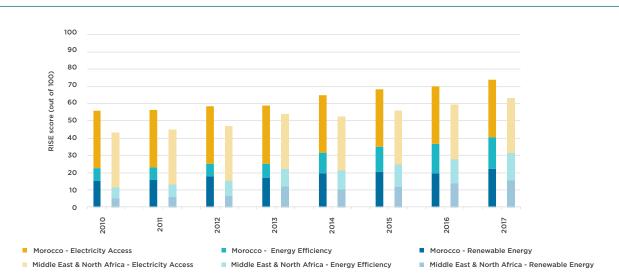
#### ENERGY EFFICIENCY



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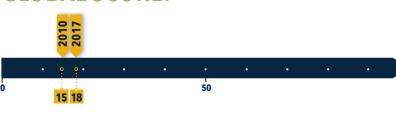
#### **EVOLUTION OF RISE SCORE SINCE 2010**







# **MOZAMBIQUE** GLOBAL SCORE:



#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

Access to electricity: **24%** of population

Access to clean cooking: 4% of population

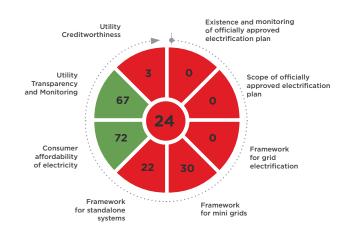
Renewable energy: **86%** of Total Final Energy Consumption

Energy efficiency: 17.31 MJ per US\$ PPP 2011

| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>LIBERIA | MOZAMBIQUE | REGIONAL ONE UP<br>CENTRAL AFRICAN<br>REPUBLIC | REGIONAL AVERAGE<br>SUB-SAHARAN AFRICA |
|----|----------------|---------------------------------|------------|--|--|
| 20 |                |                                 |            |  |  |
|    | 58             | 18                              | 18         | 19   | 35                                     |

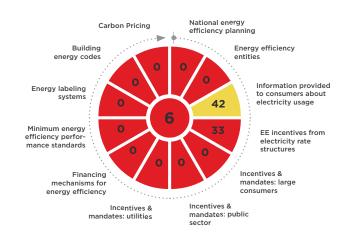
RISE scores (out of 100) per pillar 2017

#### **ELECTRICITY ACCESS**

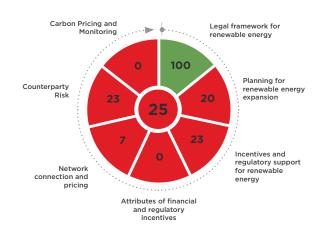


# **ENERGY EFFICIENCY**

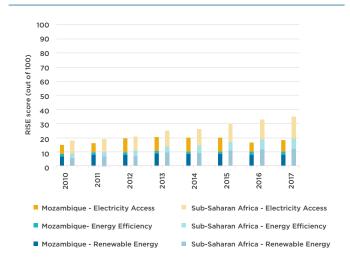
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#### **RENEWABLE ENERGY**



## **EVOLUTION OF RISE SCORE SINCE 2010**

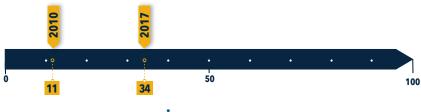




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# MYANMAR GLOBAL SCORE:



#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

Access to electricity: **57%** of population

Access to clean cooking: 18% of population

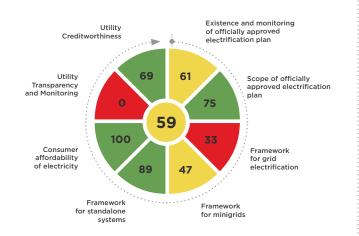
Renewable energy: **62%** of Total Final Energy Consumption

Energy efficiency: **3.12** MJ per US\$ PPP 2011

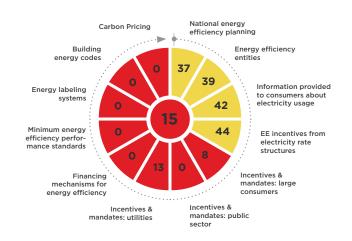
| 2017 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>LAO PDR | MYANMAR | REGIONAL ONE UP<br>INDONESIA | REGIONAL AVERAGE<br>EAST ASIA & PACIFIC |
|------|----------------|---------------------------------|---------|------------------------------|---|
| 5    |                |                                 |         |                              |   |
|      | 58             | 29                              | 34      | 47                           | 52                                      |

RISE scores (out of 100) per pillar 2017

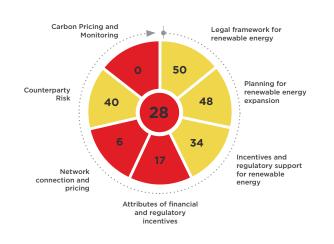
#### **ELECTRICITY ACCESS**



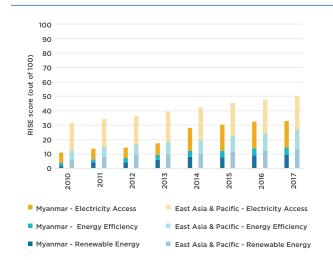
# **ENERGY EFFICIENCY**

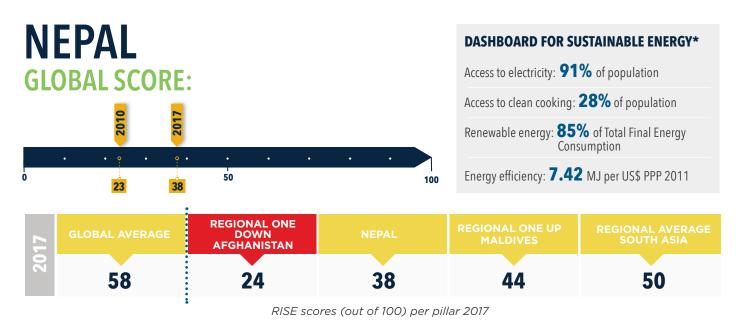


#### **RENEWABLE ENERGY**



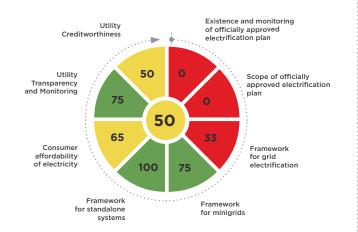
## **EVOLUTION OF RISE SCORE SINCE 2010**



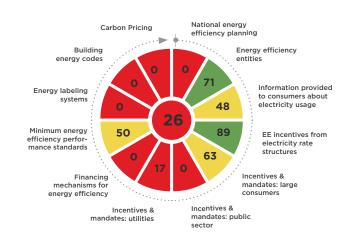


#### **ELECTRICITY ACCESS**

RISE



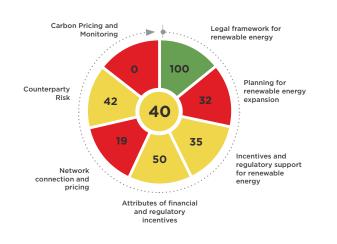
## **ENERGY EFFICIENCY**



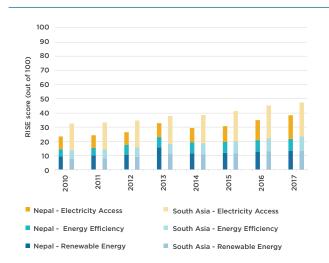
WORLD BANK GROUP

ESMAF

#### **RENEWABLE ENERGY**



## **EVOLUTION OF RISE SCORE SINCE 2010**





WORLD BANK GROUP



# **NETHERLANDS** GLOBAL SCORE:



#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

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

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

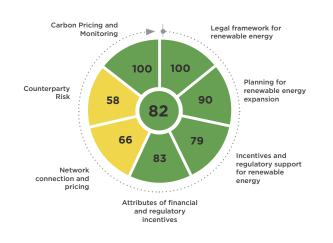
Renewable energy: **6%** of Total Final Energy Consumption

Energy efficiency: **3.94** MJ per US\$ PPP 2011

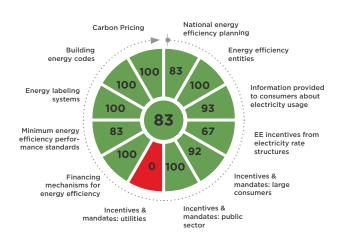
| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>SLOVAK REPUBLIC | NETHERLANDS | REGIONAL ONE UP<br>IRELAND | REGIONAL AVERAGE<br>OECD HIGH INCOME |
|----|----------------|---|-------------|----------------------------|--------------------------------------|
| 20 | 50             | 00                                      | 80          | 00                         | 0.4                                  |
|    | 58             | 88                                      | 89          | 89                         | 84                                   |

RISE scores (out of 100) per pillar 2017

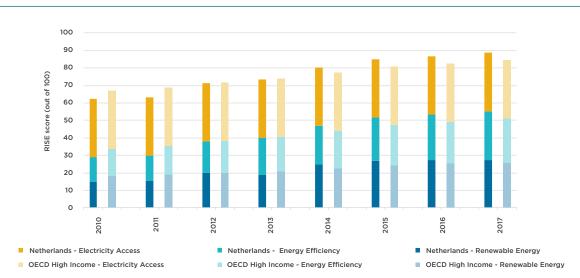
#### **RENEWABLE ENERGY**

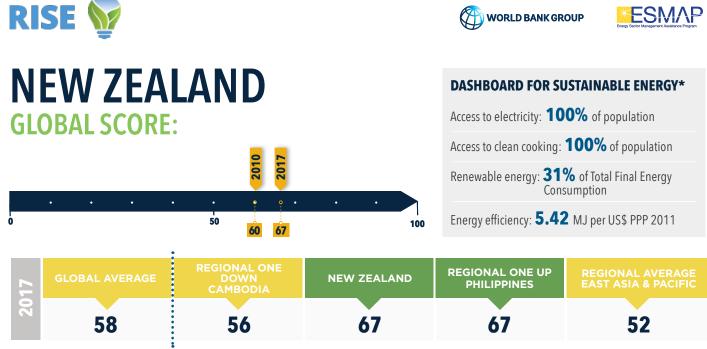


# **ENERGY EFFICIENCY**

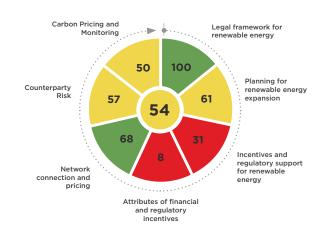


## **EVOLUTION OF RISE SCORE SINCE 2010**

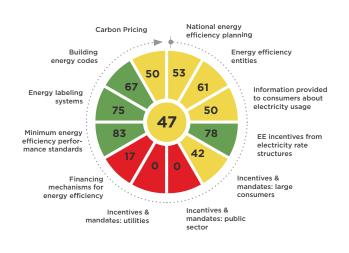




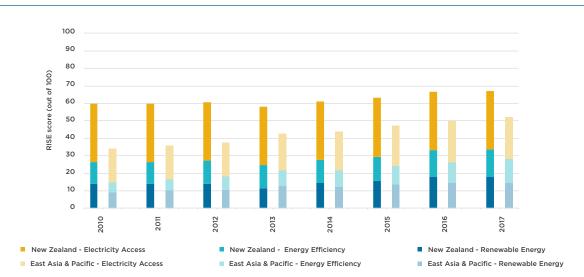
#### **RENEWABLE ENERGY**



# **ENERGY EFFICIENCY**



## **EVOLUTION OF RISE SCORE SINCE 2010**









# **NICARAGUA** GLOBAL SCORE:





**DASHBOARD FOR SUSTAINABLE ENERGY\*** 

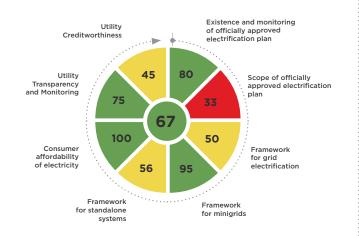
Renewable energy: **48%** of Total Final Energy Consumption

Energy efficiency: **5.43** MJ per US\$ PPP 2011

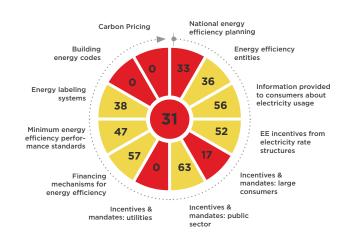
| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>VENEZUELA, RB | NICARAGUA | REGIONAL ONE UP<br>PARAGUAY | REGIONAL AVERAGE<br>LATIN AMERICA &<br>CARIBBEAN |
|----|----------------|---------------------------------------|-----------|-----------------------------|--|
| 20 |                |                                       |           |                             |  |
|    | 58             | 48                                    | 49        | 55                          | 58   |
|    |                |                                       |           |                             |  |

RISE scores (out of 100) per pillar 2017

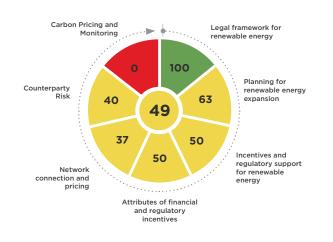
## **ELECTRICITY ACCESS**



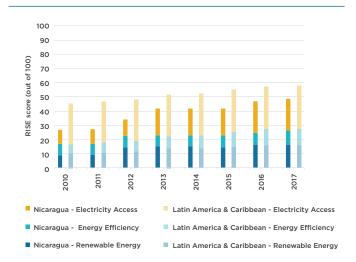
# ENERGY EFFICIENCY



#### **RENEWABLE ENERGY**



## **EVOLUTION OF RISE SCORE SINCE 2010**







# NIGER GLOBAL SCORE:

# **DASHBOARD FOR SUSTAINABLE ENERGY\*** Access to electricity: **16%** of population

Access to clean cooking: 2% of population

Renewable energy: **79%** of Total Final Energy Consumption

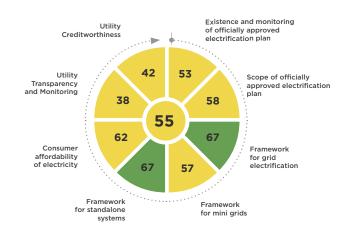
Energy efficiency: 6.95 MJ per US\$ PPP 2011

| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>GUINEA | NIGER | REGIONAL ONE UP<br>MALAWI | REGIONAL AVERAGE<br>SUB-SAHARAN AFRICA |
|----|----------------|--------------------------------|-------|---------------------------|--|
| 20 | 58             | 35                             | 36    | 38                        | 35                                     |

RISE scores (out of 100) per pillar 2017

# **ELECTRICITY ACCESS**

6

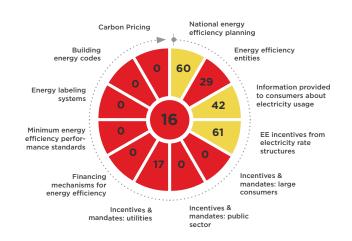


50

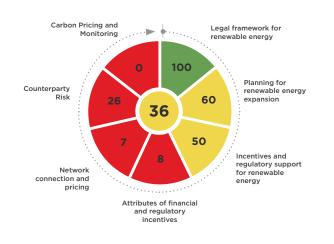
36

# ENERGY EFFICIENCY

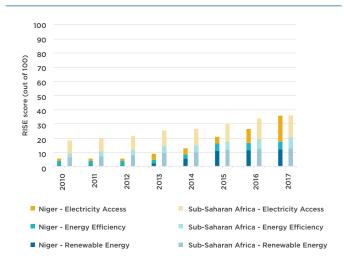
100

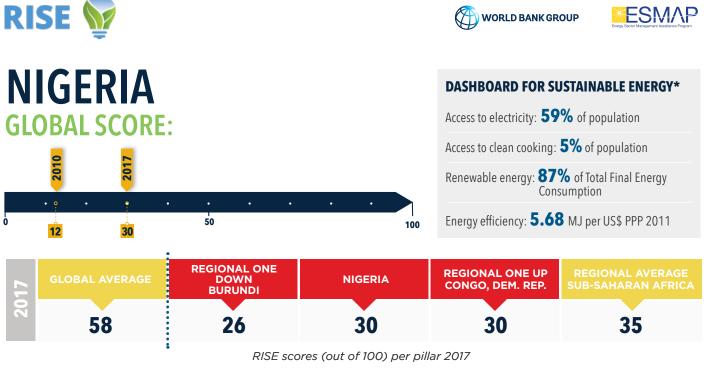


#### **RENEWABLE ENERGY**

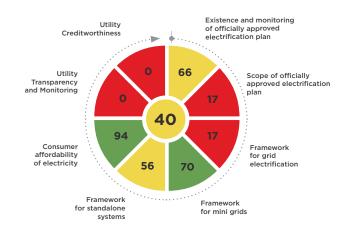


# **EVOLUTION OF RISE SCORE SINCE 2010**

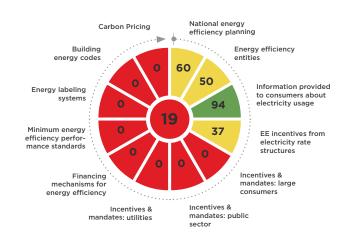




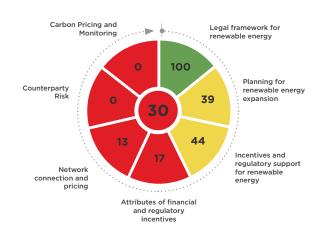
#### **ELECTRICITY ACCESS**



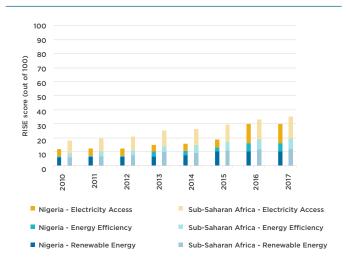
## **ENERGY EFFICIENCY**

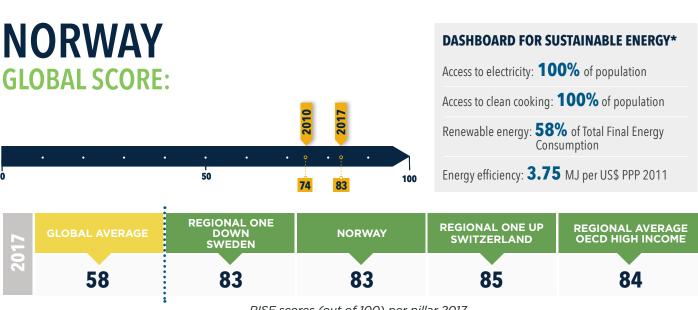


#### **RENEWABLE ENERGY**



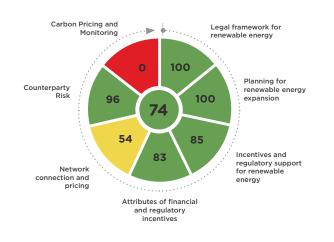
## **EVOLUTION OF RISE SCORE SINCE 2010**



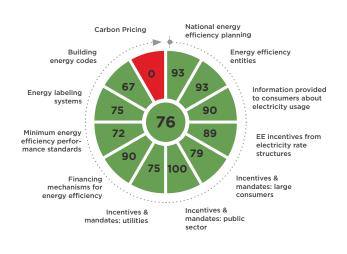


#### **RENEWABLE ENERGY**

RISE



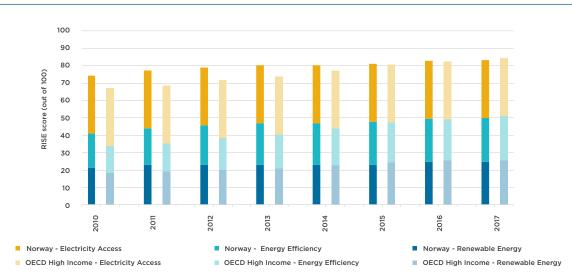
# **ENERGY EFFICIENCY**

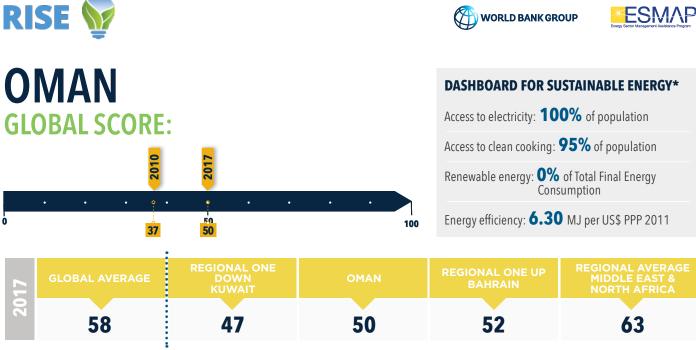


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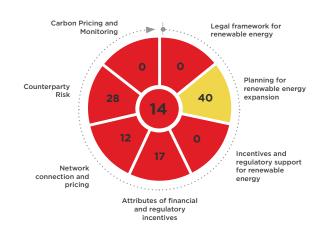
ESM/

## **EVOLUTION OF RISE SCORE SINCE 2010**

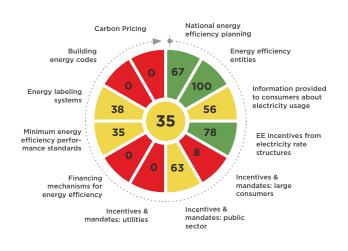




#### **RENEWABLE ENERGY**



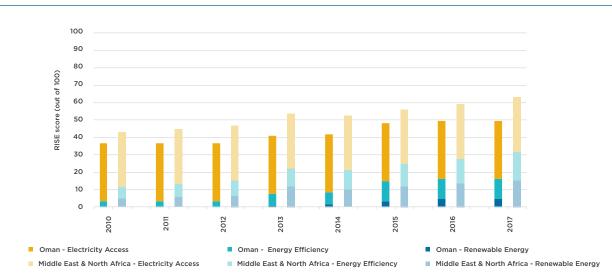
# **ENERGY EFFICIENCY**



WORLD BANK GROUP

ESM

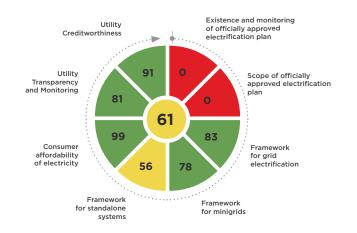
#### **EVOLUTION OF RISE SCORE SINCE 2010**



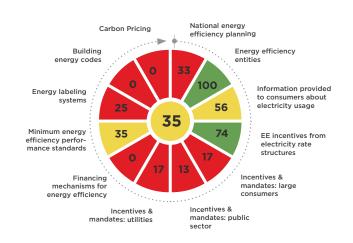


#### **ELECTRICITY ACCESS**

RISE



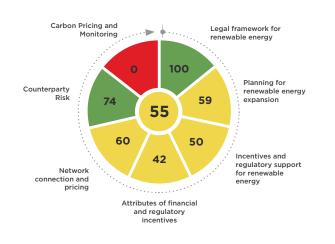
# **ENERGY EFFICIENCY**



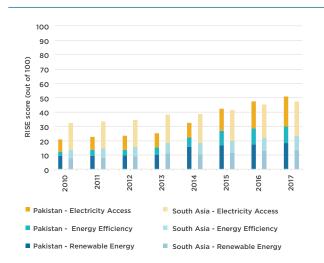
WORLD BANK GROUP

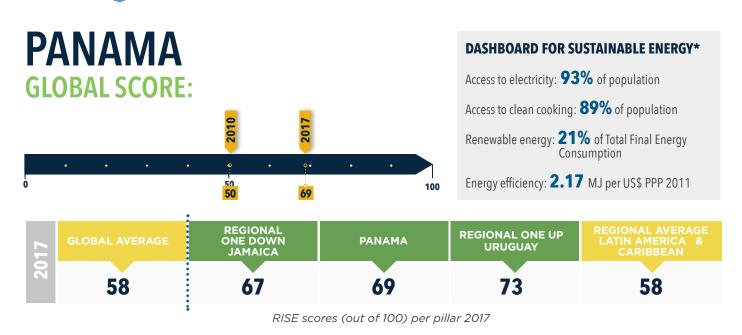
ESMAF

#### **RENEWABLE ENERGY**



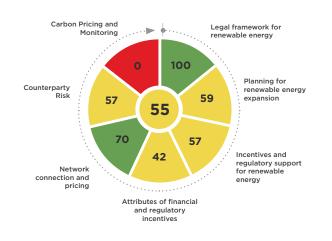
## **EVOLUTION OF RISE SCORE SINCE 2010**



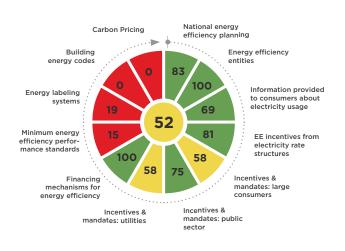


#### **RENEWABLE ENERGY**

RISE



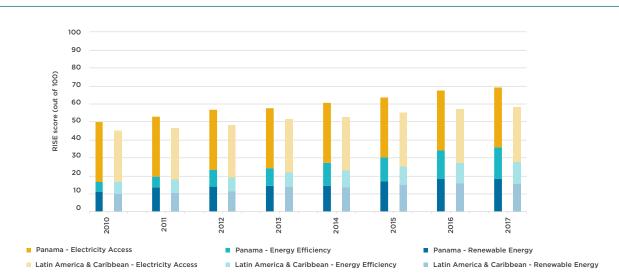
## **ENERGY EFFICIENCY**



WORLD BANK GROUP

ESM/

#### **EVOLUTION OF RISE SCORE SINCE 2010**





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10

ò

201

27



# PAPUA NEW GUINEA GLOBAL SCORE:

50

#### DASHBOARD FOR SUSTAINABLE ENERGY\*

Access to electricity: **23%** of population

Access to clean cooking: 13% of population

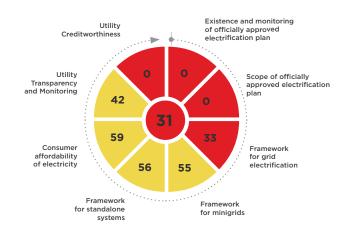
Renewable energy: **52%** of Total Final Energy Consumption

Energy efficiency: 9.28 MJ per US\$ PPP 2011

| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>VANUATU | PAPUA NEW<br>GUINEA | REGIONAL ONE UP<br>SOLOMON ISLANDS | REGIONAL AVERAGE<br>EAST ASIA &<br>PACIFIC |
|----|----------------|---------------------------------|---------------------|------------------------------------|--|
| 20 |                |                                 |                     |                                    |  |
|    | 58             | 23                              | 27                  | 27                                 | 52   |
|    |                |                                 |                     |                                    |  |

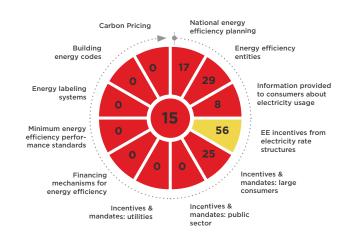
RISE scores (out of 100) per pillar 2017

## **ELECTRICITY ACCESS**

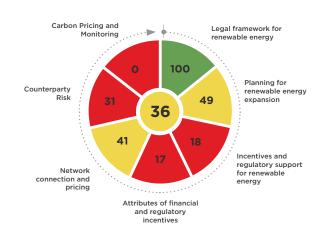


# ENERGY EFFICIENCY

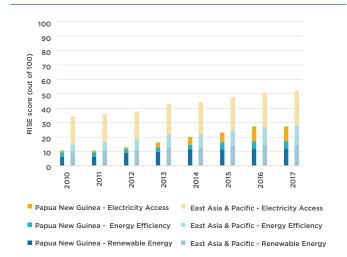
100

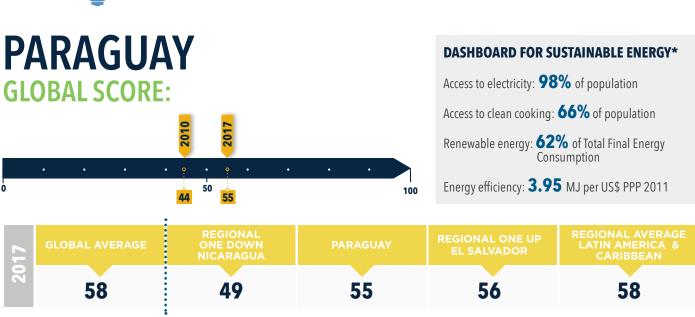


#### **RENEWABLE ENERGY**



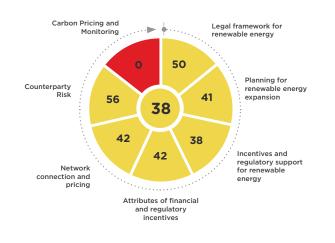
## **EVOLUTION OF RISE SCORE SINCE 2010**



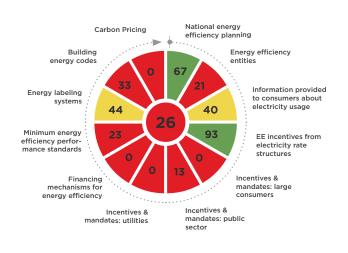


#### **RENEWABLE ENERGY**

RISE



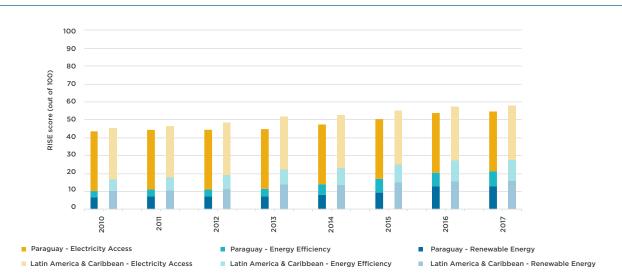
# **ENERGY EFFICIENCY**

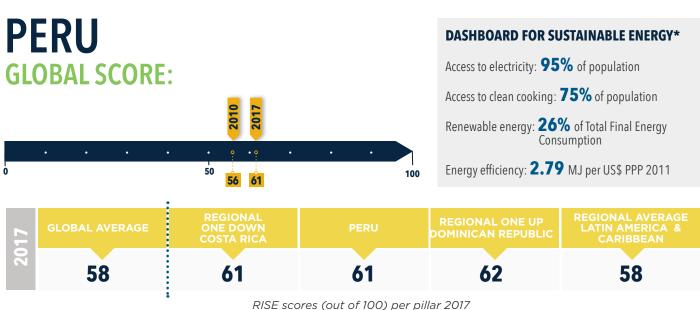


WORLD BANK GROUP

ESM

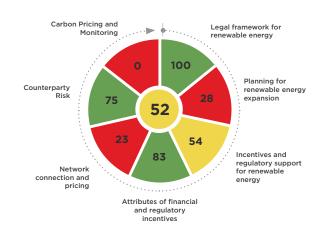
## **EVOLUTION OF RISE SCORE SINCE 2010**



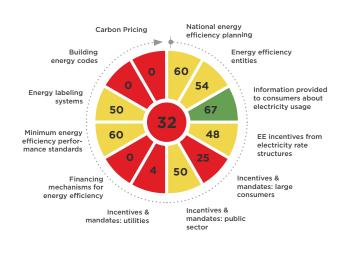


#### **RENEWABLE ENERGY**

RISE



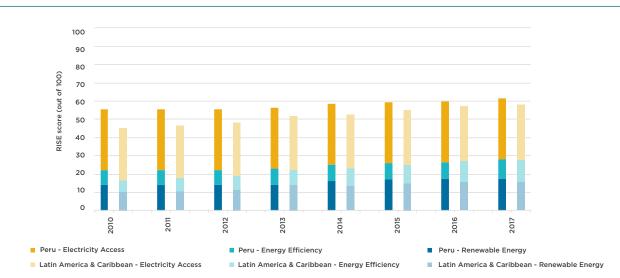
## **ENERGY EFFICIENCY**



WORLD BANK GROUP

ESM

## **EVOLUTION OF RISE SCORE SINCE 2010**





WORLD BANK GROUP



# **PHILIPPINES** GLOBAL SCORE:

2010

44

50

5

67



Access to electricity: **91%** of population

Access to clean cooking: 43% of population

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

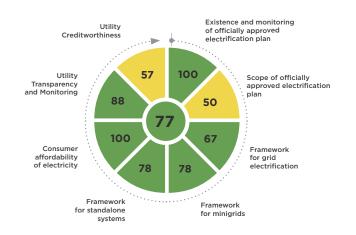
Energy efficiency: **3.12** MJ per US\$ PPP 2011

| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>NEW ZEALAND | PHILIPPINES | REGIONAL ONE UP<br>THAILAND | REGIONAL AVERAGE<br>EAST ASIA &<br>PACIFIC |
|----|----------------|-------------------------------------|-------------|-----------------------------|--|
| 50 |                |                                     |             |                             |  |
|    | 58             | 67                                  | 67          | 69                          | 52   |

RISE scores (out of 100) per pillar 2017

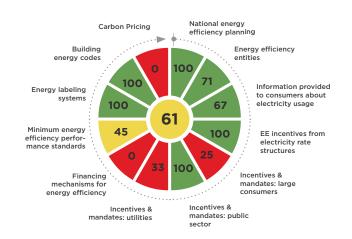
## **ELECTRICITY ACCESS**

'n

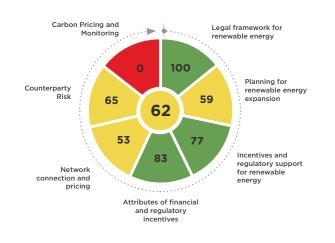


# **ENERGY EFFICIENCY**

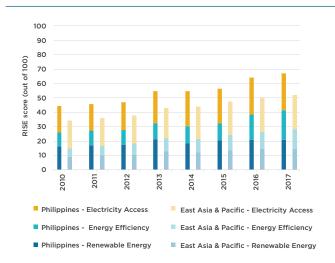
100

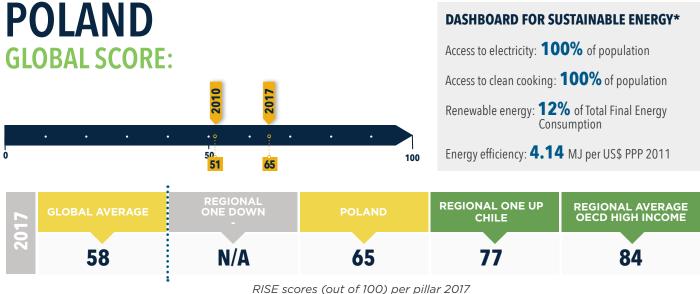


#### **RENEWABLE ENERGY**



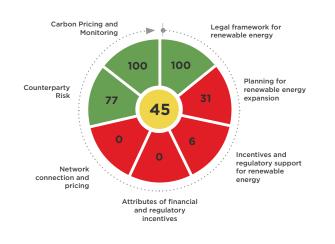
## **EVOLUTION OF RISE SCORE SINCE 2010**



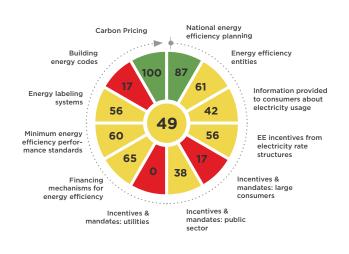


#### **RENEWABLE ENERGY**

RISE



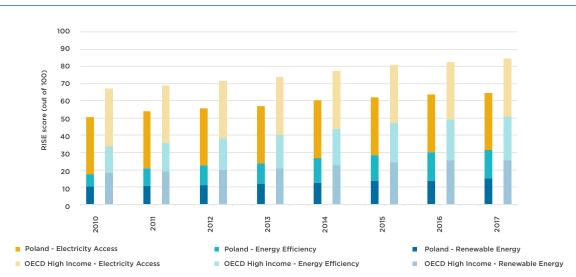
#### **ENERGY EFFICIENCY**

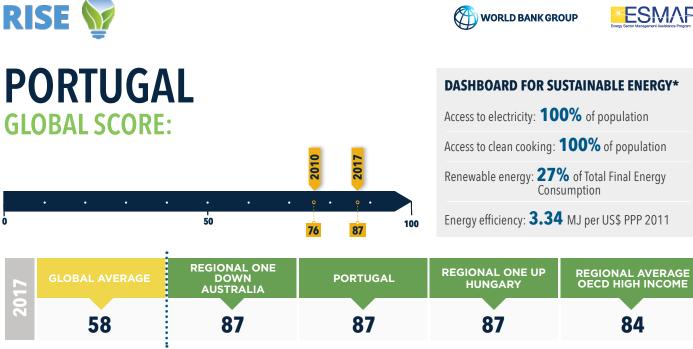


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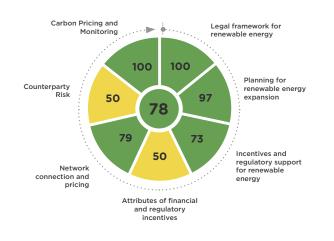
ESM/

## **EVOLUTION OF RISE SCORE SINCE 2010**

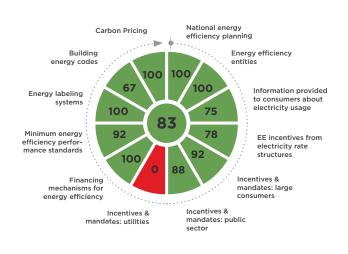




#### **RENEWABLE ENERGY**



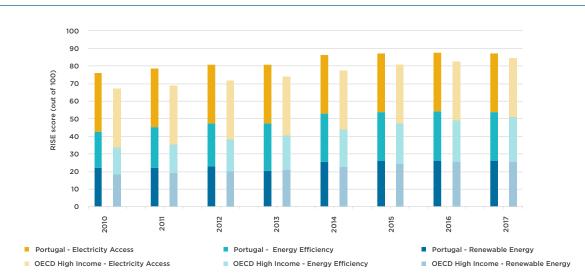
## **ENERGY EFFICIENCY**

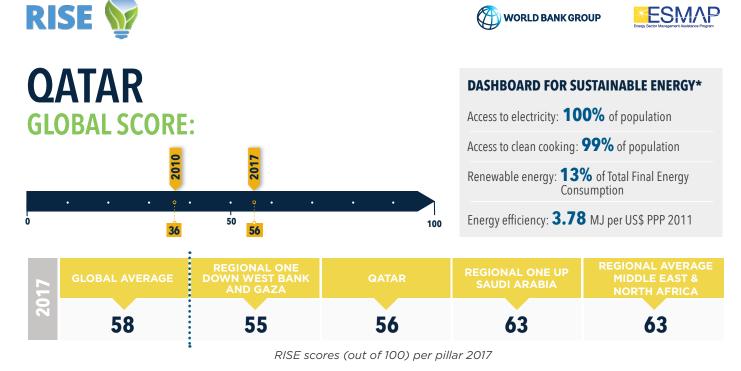


WORLD BANK GROUP

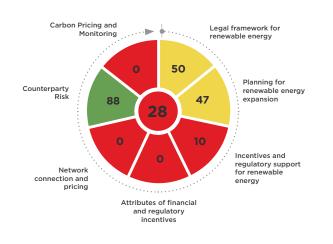
ESM/

#### **EVOLUTION OF RISE SCORE SINCE 2010**

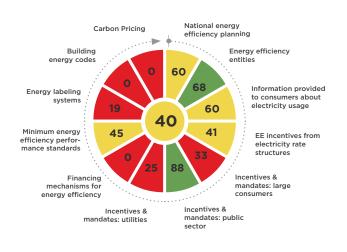




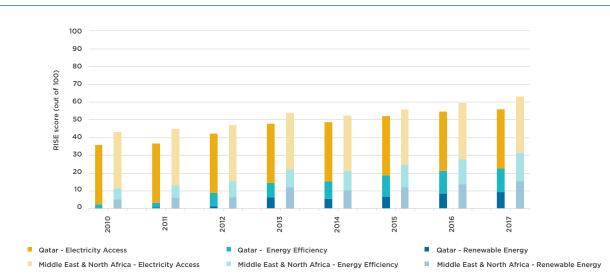
**RENEWABLE ENERGY** 



# **ENERGY EFFICIENCY**



## **EVOLUTION OF RISE SCORE SINCE 2010**







# ROMANIA GLOBAL SCORE:

50

65

#### DASHBOARD FOR SUSTAINABLE ENERGY\*

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

Access to clean cooking: 86% of population

Renewable energy: **24%** of Total Final Energy Consumption

Energy efficiency: **3.29** MJ per US\$ PPP 2011

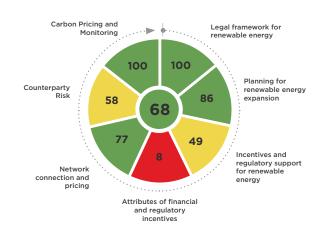
| 17 | GLOBAL AVERAGE | REGIONAL<br>ONE DOWN<br>TURKEY | ROMANIA | REGIONAL ONE UP<br>BULGARIA | REGIONAL AVERAGE<br>EUROPE & CENTRAL<br>ASIA |
|----|----------------|--------------------------------|---------|-----------------------------|--|
| 20 | 58             | 79                             | 85      | 85                          | 68   |

85

RISE scores (out of 100) per pillar 2017

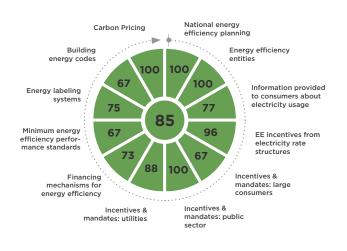
#### **RENEWABLE ENERGY**

'n

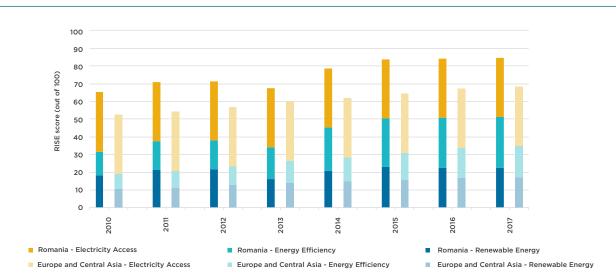


# **ENERGY EFFICIENCY**

100



## **EVOLUTION OF RISE SCORE SINCE 2010**







# **RUSSIAN FEDERATION** GLOBAL SCORE:



#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

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

Access to clean cooking: 98% of population

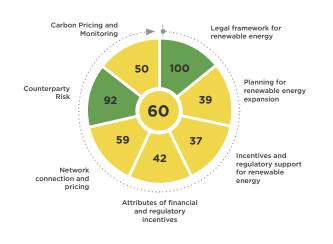
Renewable energy: **3%** of Total Final Energy Consumption

Energy efficiency: 8.41 MJ per US\$ PPP 2011

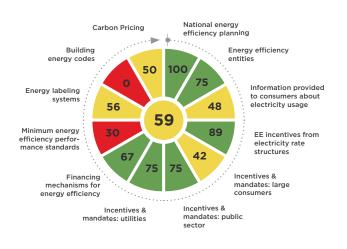
| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>SERBIA | RUSSIAN<br>FEDERATION | REGIONAL ONE UP<br>BELARUS | REGIONAL AVERAGE<br>EUROPE & CENTRAL<br>ASIA |
|----|----------------|--------------------------------|-----------------------|----------------------------|--|
| 20 | 58             | 73                             | 73                    | 73                         | 66   |
|    |                |                                | - •                   |                            |  |

RISE scores (out of 100) per pillar 2017

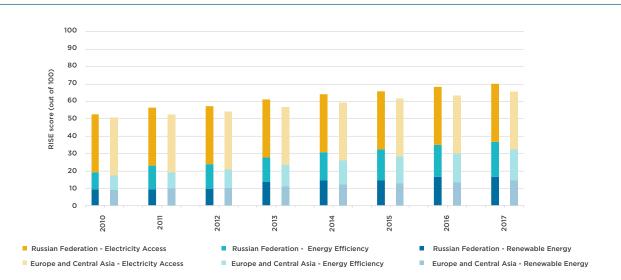
#### **RENEWABLE ENERGY**

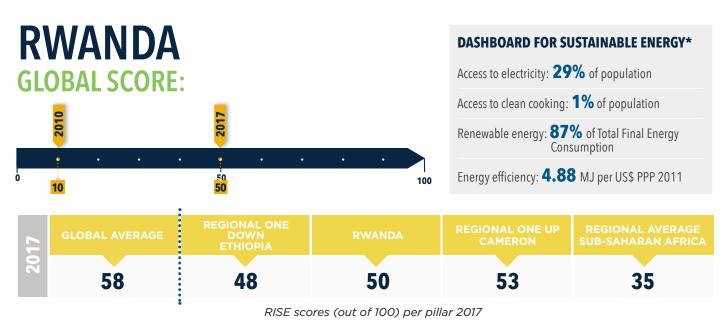


# ENERGY EFFICIENCY



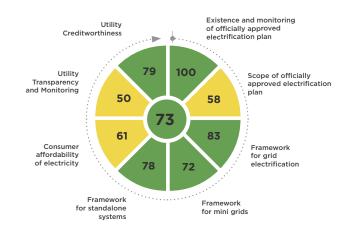
## **EVOLUTION OF RISE SCORE SINCE 2010**



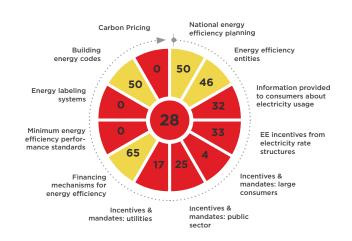


#### **ELECTRICITY ACCESS**

RISE



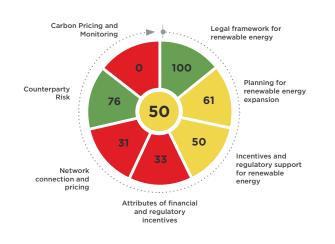
## **ENERGY EFFICIENCY**



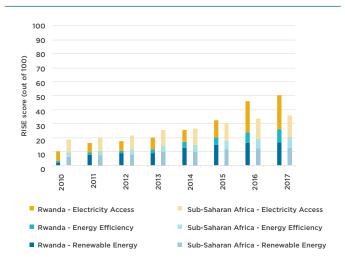
WORLD BANK GROUP

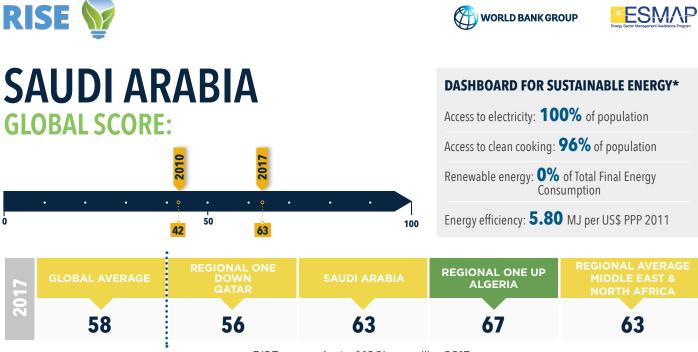
ESMAF

#### **RENEWABLE ENERGY**

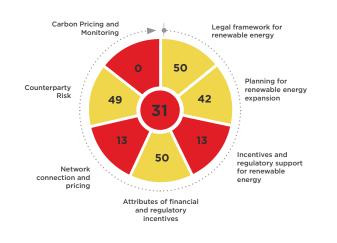


## **EVOLUTION OF RISE SCORE SINCE 2010**

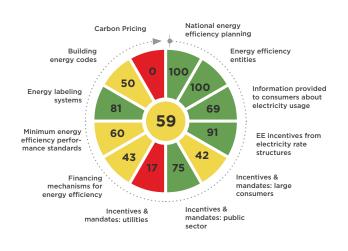




#### **RENEWABLE ENERGY**



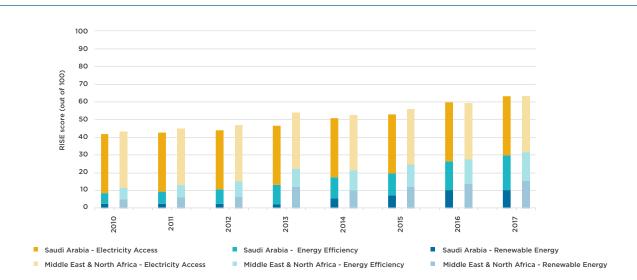
## **ENERGY EFFICIENCY**

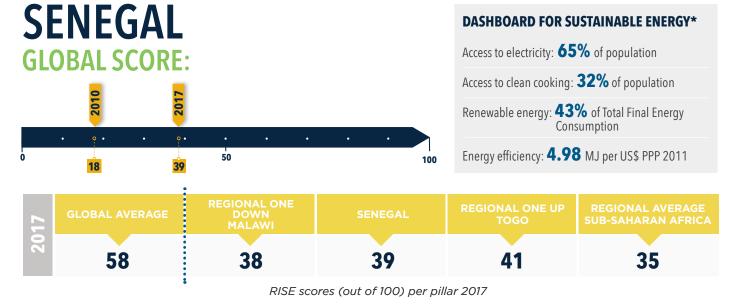


WORLD BANK GROUP

ESM

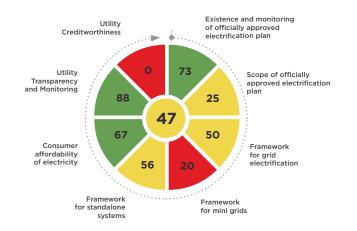
#### **EVOLUTION OF RISE SCORE SINCE 2010**



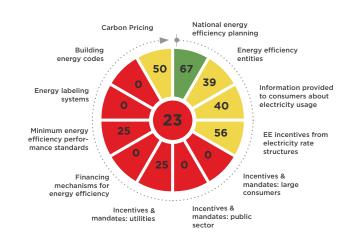


#### **ELECTRICITY ACCESS**

RISE



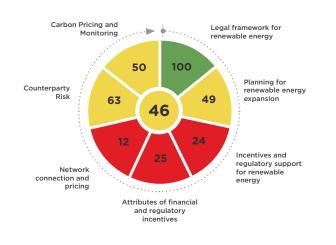
# **ENERGY EFFICIENCY**



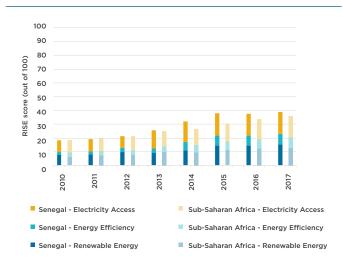
WORLD BANK GROUP

ESMAF

#### **RENEWABLE ENERGY**



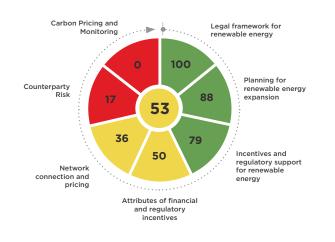
## **EVOLUTION OF RISE SCORE SINCE 2010**



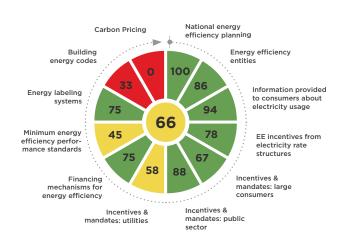


#### **RENEWABLE ENERGY**

RISE



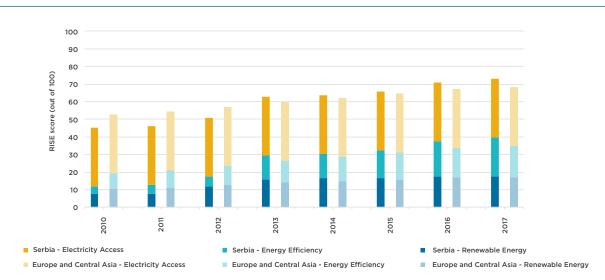
## **ENERGY EFFICIENCY**



WORLD BANK GROUP

ESM/

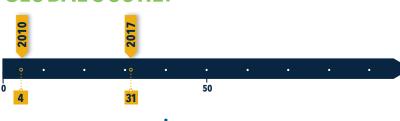
#### **EVOLUTION OF RISE SCORE SINCE 2010**







# SIERRA LEONE GLOBAL SCORE:



#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

Access to electricity: **20%** of population

Access to clean cooking: 1% of population

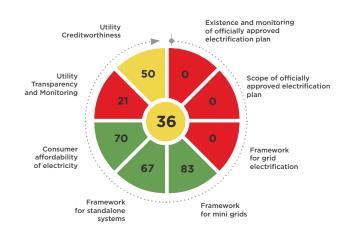
Renewable energy: **78%** of Total Final Energy Consumption

Energy efficiency: 7.00 MJ per US\$ PPP 2011

| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>ANGOLA | SIERRA LEONE | REGIONAL ONE UP<br>SUDAN | REGIONAL AVERAGE<br>SUB-SAHARAN AFRICA |
|----|----------------|--------------------------------|--------------|--------------------------|--|
| 50 |                |                                |              |                          |  |
|    | 58             | 31                             | 31           | 32                       | 35                                     |

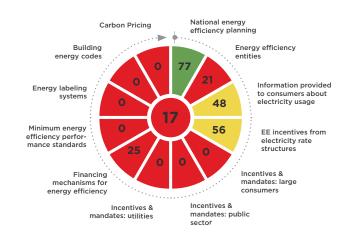
RISE scores (out of 100) per pillar 2017

#### **ELECTRICITY ACCESS**

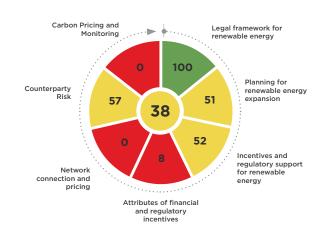


# **ENERGY EFFICIENCY**

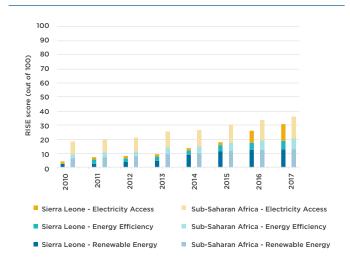
100

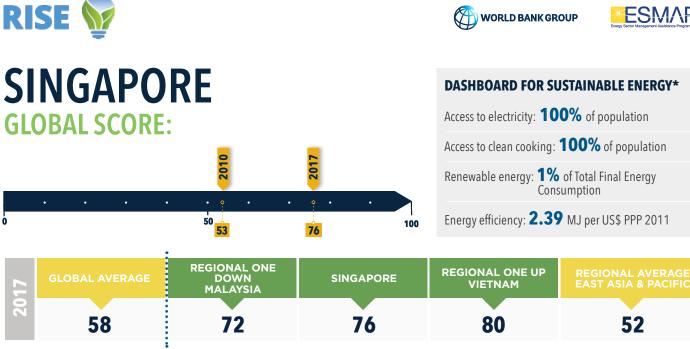


#### **RENEWABLE ENERGY**

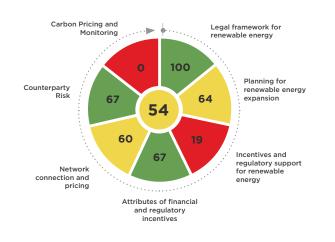


## **EVOLUTION OF RISE SCORE SINCE 2010**

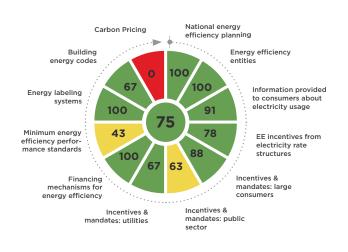




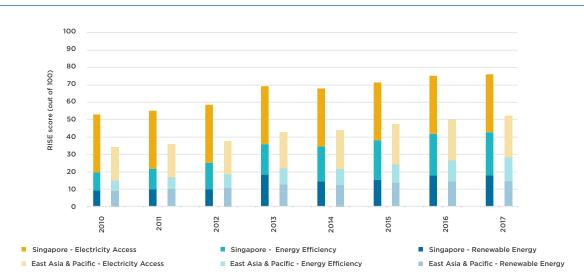
#### **RENEWABLE ENERGY**



## **ENERGY EFFICIENCY**



#### **EVOLUTION OF RISE SCORE SINCE 2010**







# **SLOVAK REPUBLIC GLOBAL SCORE:**



# Renewable energy: **13%** of Total Final Energy Consumption Energy efficiency: 4.48 MJ per US\$ PPP 2011

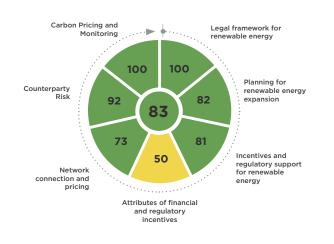
**DASHBOARD FOR SUSTAINABLE ENERGY\*** 

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

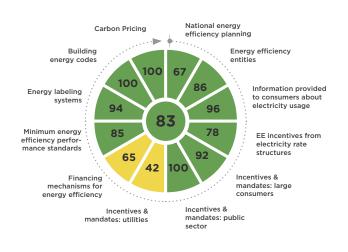
| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>HUNGARY | SLOVAK REPUBLIC | REGIONAL ONE UP<br>NETHERLANDS | REGIONAL AVERAGE<br>OECD HIGH INCOME |
|----|----------------|---------------------------------|-----------------|--------------------------------|--------------------------------------|
| 20 | 58             | 87                              | 88              | 89                             | 84                                   |

RISE scores (out of 100) per pillar 2017

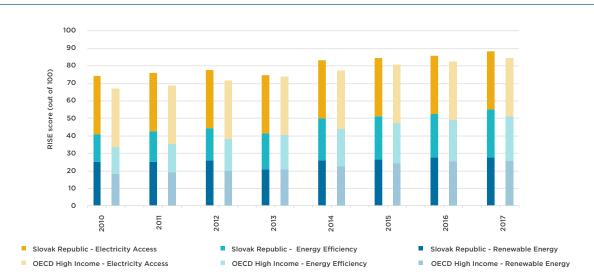
#### **RENEWABLE ENERGY**



# **ENERGY EFFICIENCY**



## **EVOLUTION OF RISE SCORE SINCE 2010**





16

2017

27



# SOLOMON ISLANDS GLOBAL SCORE:

50

#### DASHBOARD FOR SUSTAINABLE ENERGY\*

Access to electricity: **48%** of population

Access to clean cooking: 8% of population

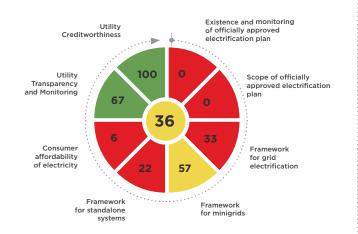
Renewable energy: **63%** of Total Final Energy Consumption

Energy efficiency: **5.02** MJ per US\$ PPP 2011

| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>PAPUA NEW GUINEA | SOLOMON ISLANDS | REGIONAL ONE UP<br>MONGOLIA | REGIONAL AVERAGE<br>EAST ASIA &<br>PACIFIC |
|----|----------------|--|-----------------|-----------------------------|--|
| 20 | 58             | 27                                       | 27              | 29                          | 52   |

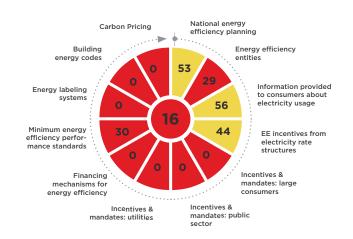
RISE scores (out of 100) per pillar 2017

#### **ELECTRICITY ACCESS**

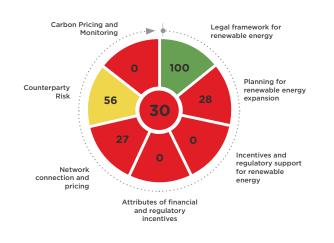


# **ENERGY EFFICIENCY**

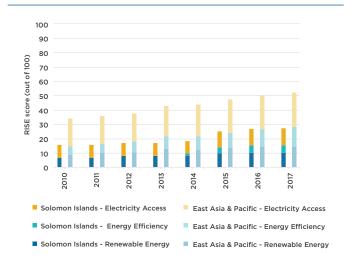
100

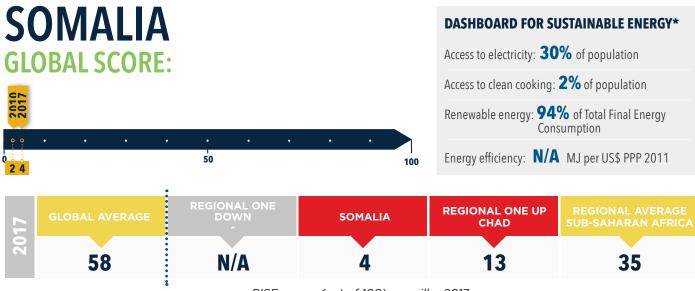


#### **RENEWABLE ENERGY**



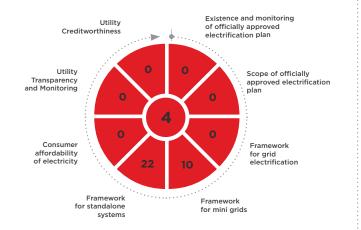
# **EVOLUTION OF RISE SCORE SINCE 2010**



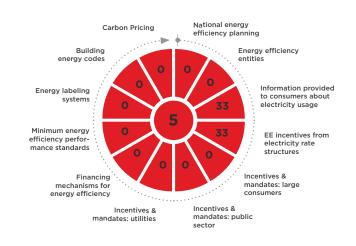


#### **ELECTRICITY ACCESS**

RISE



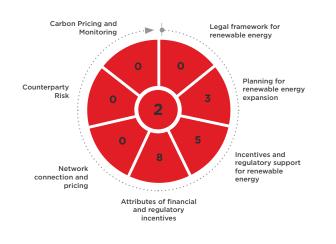
#### **ENERGY EFFICIENCY**



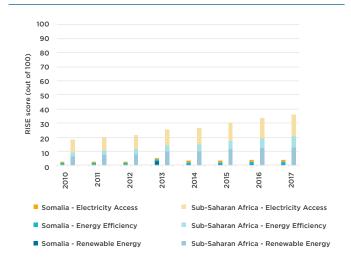
WORLD BANK GROUP

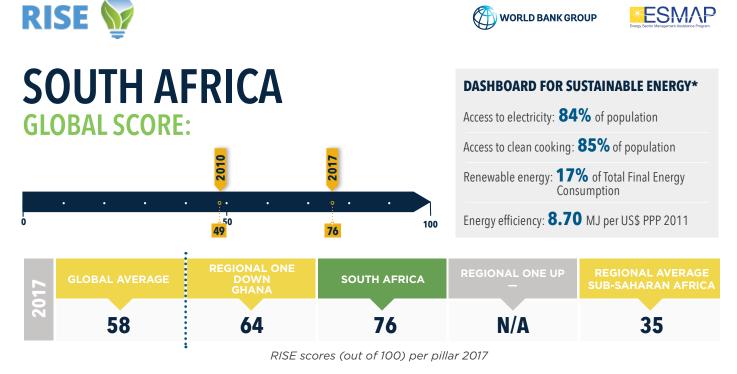
ESMAF

#### **RENEWABLE ENERGY**

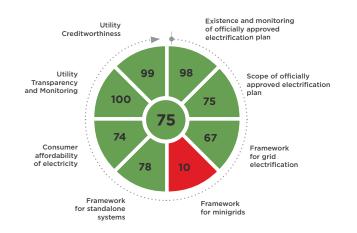


#### **EVOLUTION OF RISE SCORE SINCE 2010**

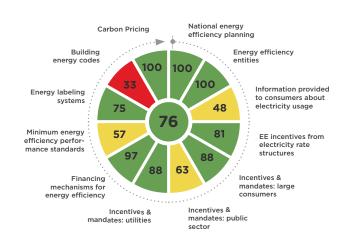




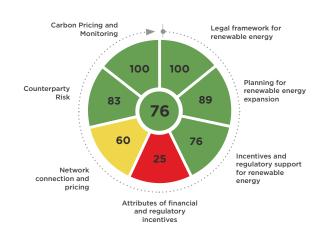
#### **ELECTRICITY ACCESS**



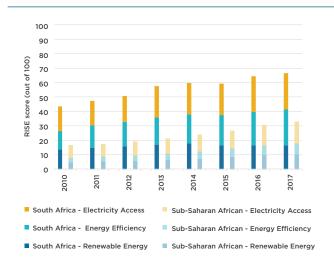
# **ENERGY EFFICIENCY**



#### **RENEWABLE ENERGY**



## **EVOLUTION OF RISE SCORE SINCE 2010**







# **SOUTH SUDAN** GLOBAL SCORE:



#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

Access to electricity: **9%** of population

Access to clean cooking: **1%** of population

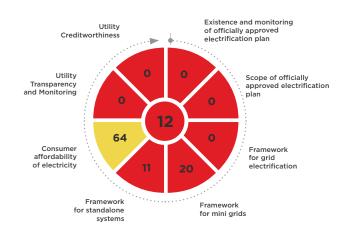
Renewable energy: **39%** of Total Final Energy Consumption

Energy efficiency: **1.09** MJ per US\$ PPP 2011

| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>CHAD | SOUTH SUDAN | REGIONAL ONE UP<br>MAURITANIA | REGIONAL AVERAGE<br>SUB-SAHARAN AFRICA |
|----|----------------|------------------------------|-------------|-------------------------------|--|
|    |                |                              |             |                               |  |
|    | 58             | 13                           | 14          | 18                            | 35                                     |

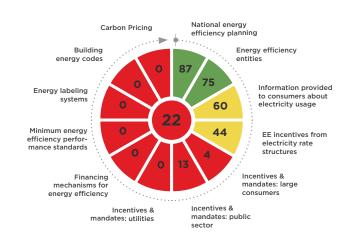
RISE scores (out of 100) per pillar 2017

#### **ELECTRICITY ACCESS**

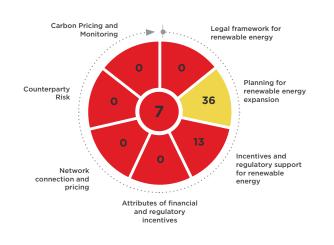


# **ENERGY EFFICIENCY**

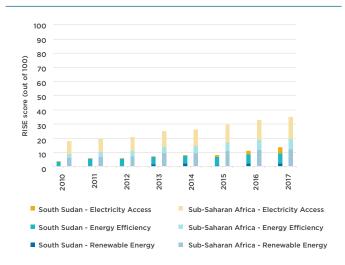
100



#### **RENEWABLE ENERGY**



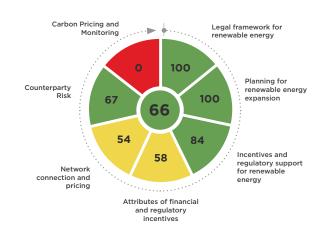
## **EVOLUTION OF RISE SCORE SINCE 2010**



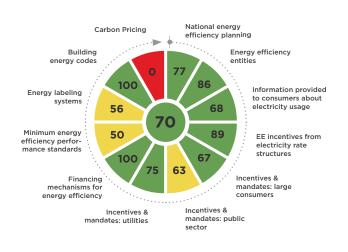


#### **RENEWABLE ENERGY**

RISE



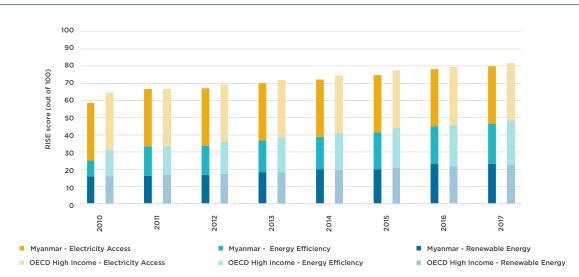
# **ENERGY EFFICIENCY**

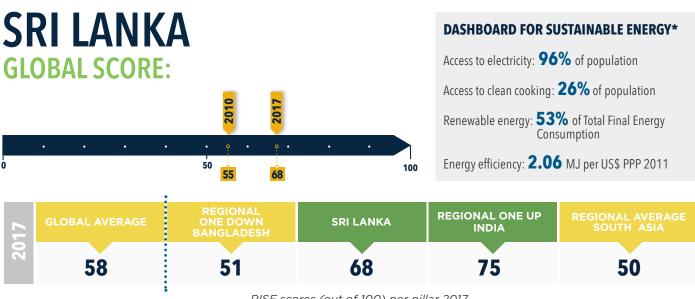


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ESM/

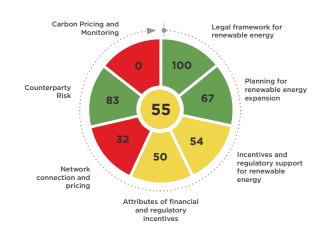
## **EVOLUTION OF RISE SCORE SINCE 2010**



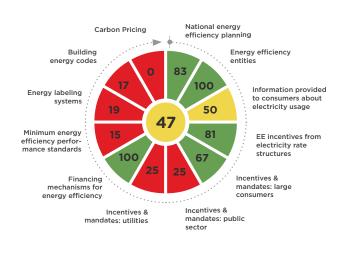


## **RENEWABLE ENERGY**

RISE



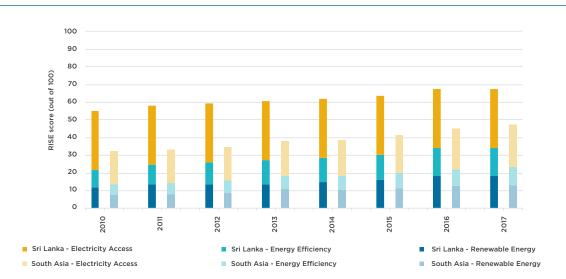
# **ENERGY EFFICIENCY**

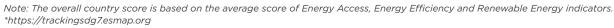


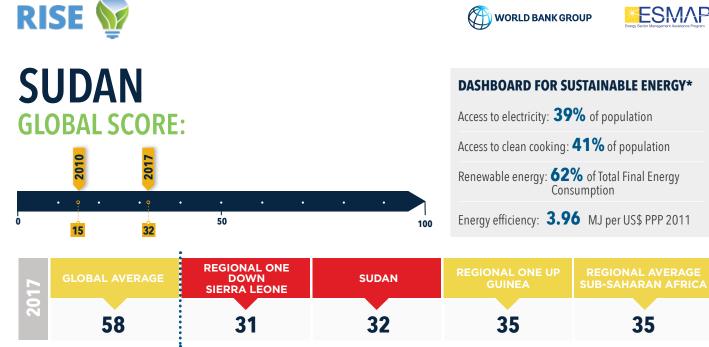
WORLD BANK GROUP

ESM

# **EVOLUTION OF RISE SCORE SINCE 2010**



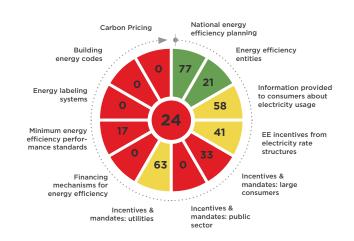




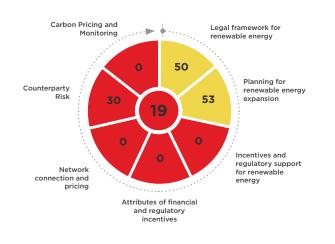
# **ELECTRICITY ACCESS**



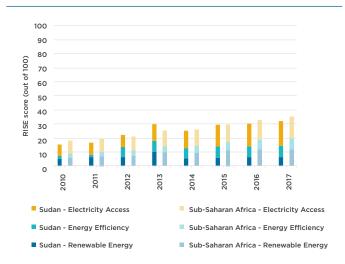
# **ENERGY EFFICIENCY**

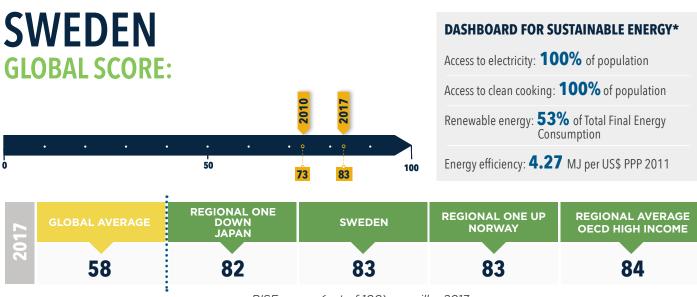


### **RENEWABLE ENERGY**



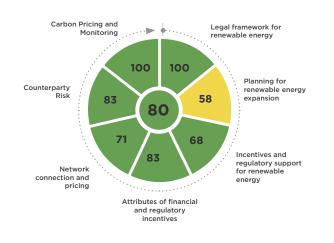
# **EVOLUTION OF RISE SCORE SINCE 2010**



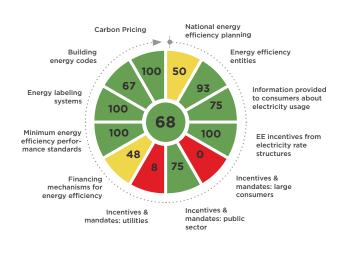


## **RENEWABLE ENERGY**

RISE



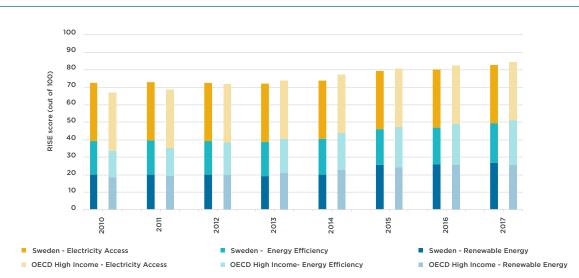
# **ENERGY EFFICIENCY**

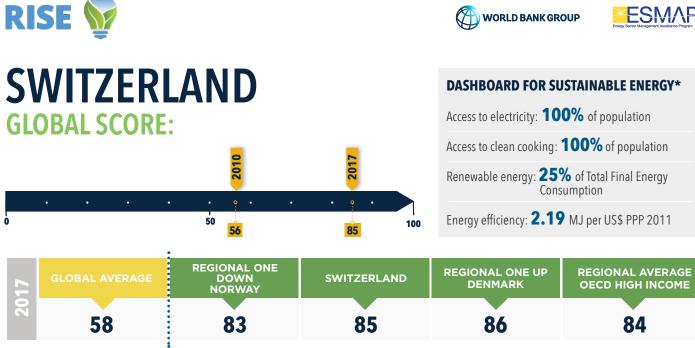


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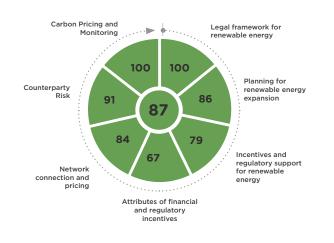
ESM/

## **EVOLUTION OF RISE SCORE SINCE 2010**

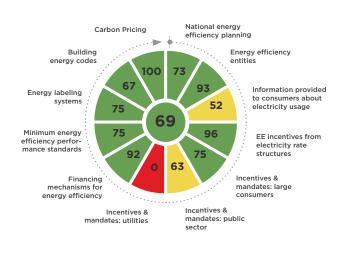




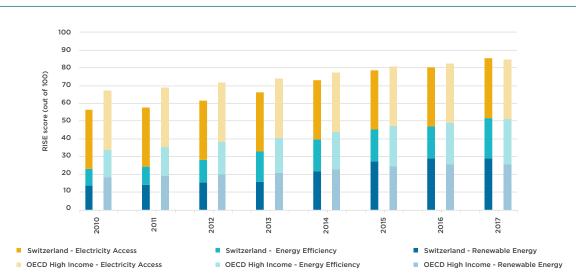
## **RENEWABLE ENERGY**

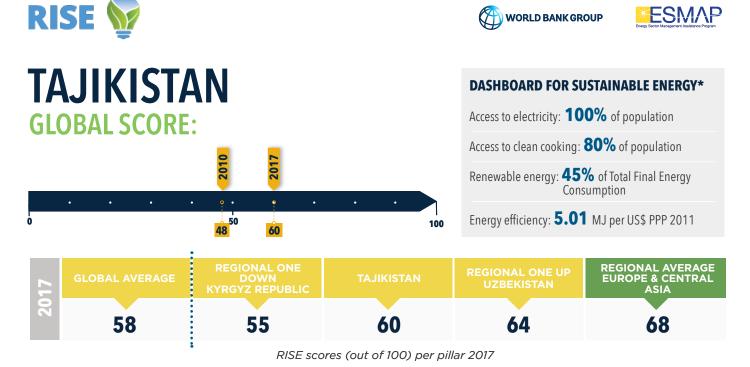


# **ENERGY EFFICIENCY**

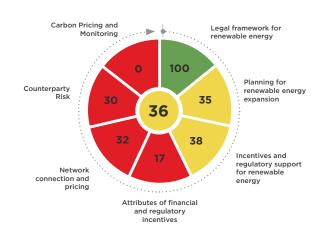


## **EVOLUTION OF RISE SCORE SINCE 2010**

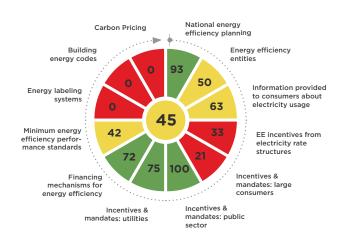




#### **RENEWABLE ENERGY**



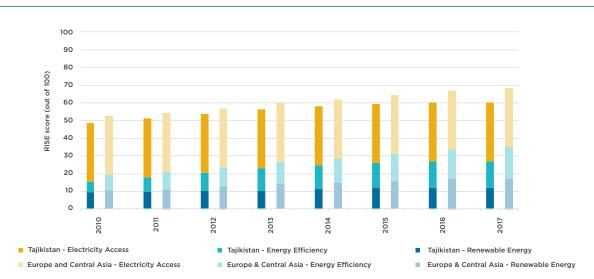
# **ENERGY EFFICIENCY**

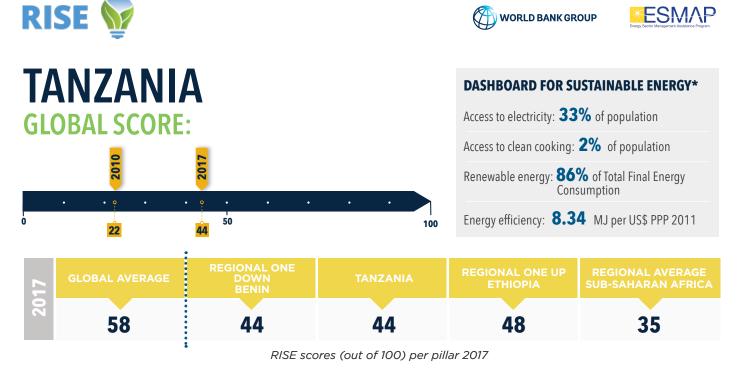


WORLD BANK GROUP

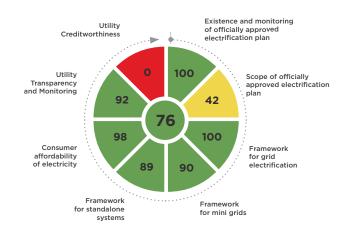
ESM

## **EVOLUTION OF RISE SCORE SINCE 2010**

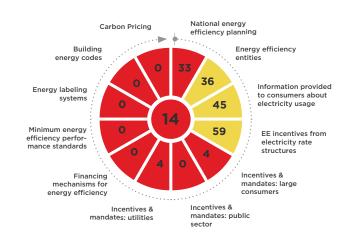




**ELECTRICITY ACCESS** 



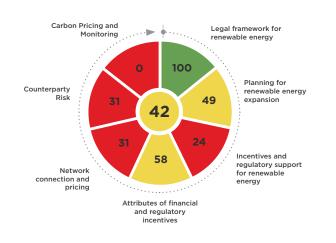
# **ENERGY EFFICIENCY**



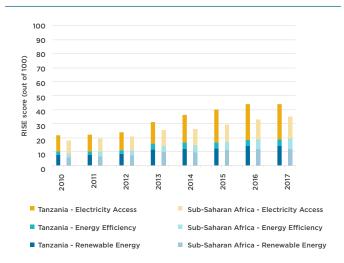
WORLD BANK GROUP

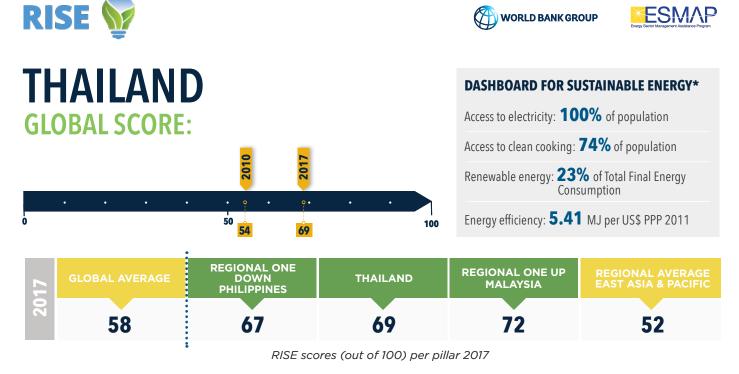
ESMAF

## **RENEWABLE ENERGY**

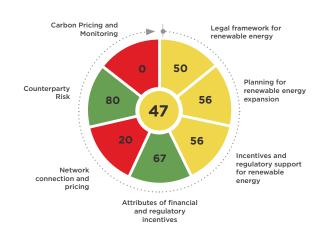


# **EVOLUTION OF RISE SCORE SINCE 2010**

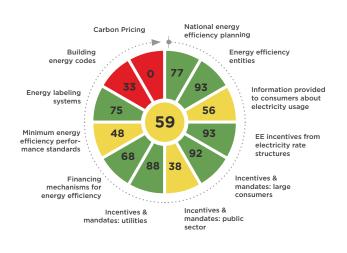




#### **RENEWABLE ENERGY**



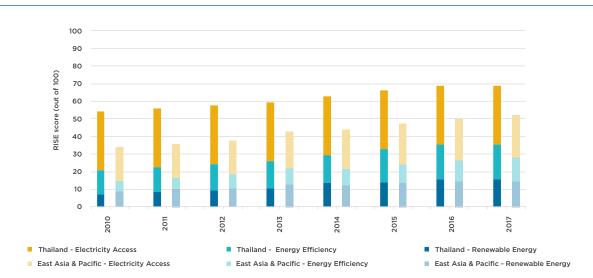
# **ENERGY EFFICIENCY**



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ESM/

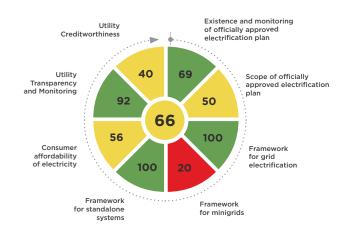
## **EVOLUTION OF RISE SCORE SINCE 2010**



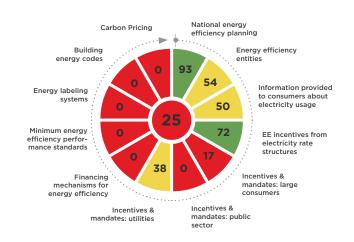


# **ELECTRICITY ACCESS**

RISE



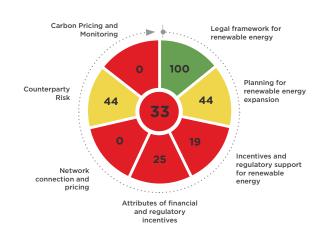
# **ENERGY EFFICIENCY**



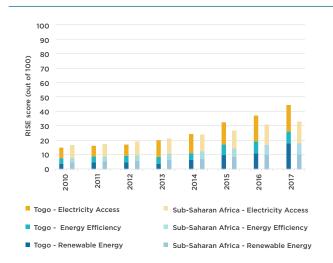
WORLD BANK GROUP

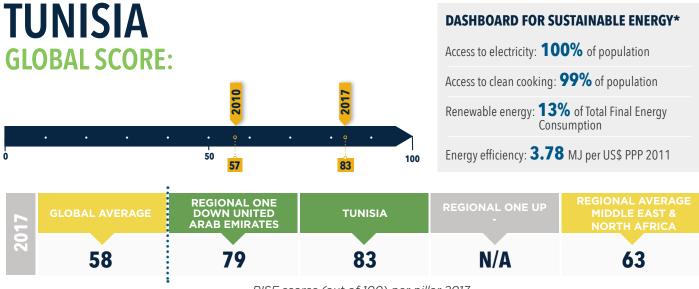
ESMAF

## **RENEWABLE ENERGY**



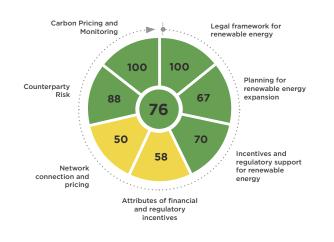
# **EVOLUTION OF RISE SCORE SINCE 2010**



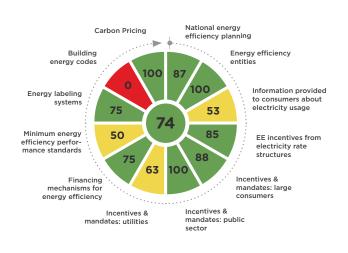


## **RENEWABLE ENERGY**

RISE



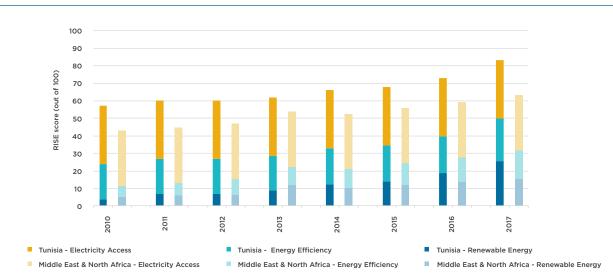
# **ENERGY EFFICIENCY**

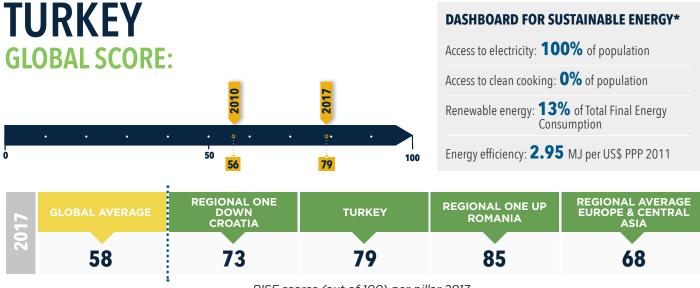


WORLD BANK GROUP

ESM/

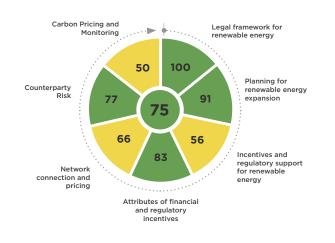
# **EVOLUTION OF RISE SCORE SINCE 2010**



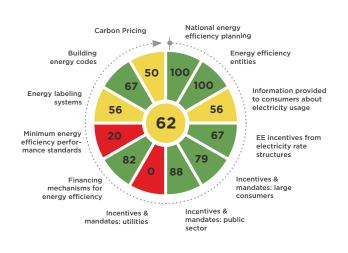


## **RENEWABLE ENERGY**

RISE



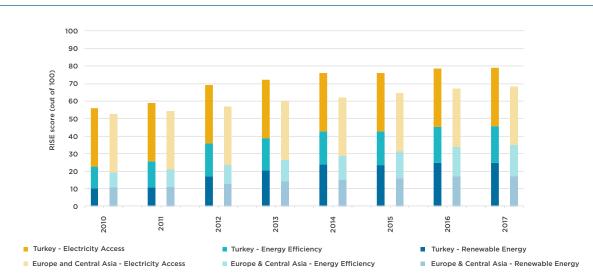
# **ENERGY EFFICIENCY**



WORLD BANK GROUP

ESM/

# **EVOLUTION OF RISE SCORE SINCE 2010**





Energy labeling

Minimum energy

efficiency perfor-mance standards

systems

Financing

mechanisms for energy efficiency

to consumers about

EE incentives from

electricity rate structures

Incentives &

consumers

mandates: large

electricity usage

50

67

Incentives &

sector

mandates: public

00

Incentives &

mandates: utilities



Attributes of financial

and regulatory

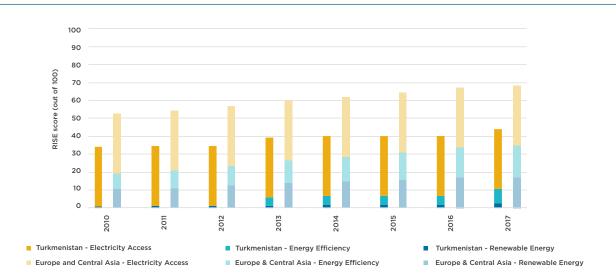
incentives

Counterparty Risk

Network

pricing

connection and



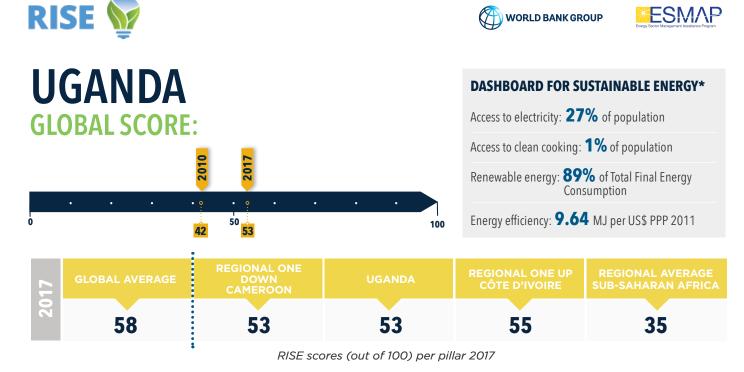
Note: The overall country score is based on the average score of Energy Access, Energy Efficiency and Renewable Energy indicators. \*https://trackingsdg7.esmap.org

expansion

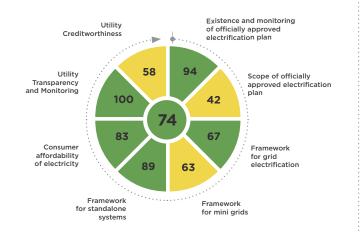
Incentives and regulatory support

for renewable

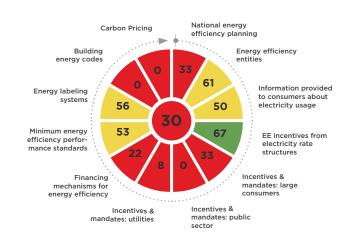
energy



### **ELECTRICITY ACCESS**



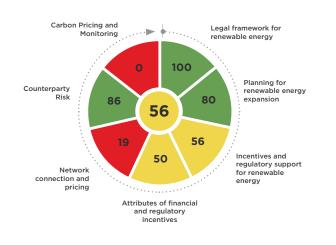
# **ENERGY EFFICIENCY**



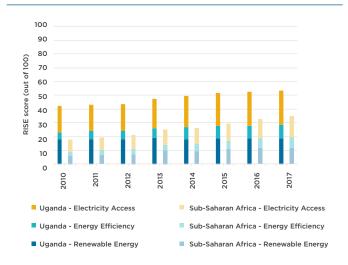
WORLD BANK GROUP

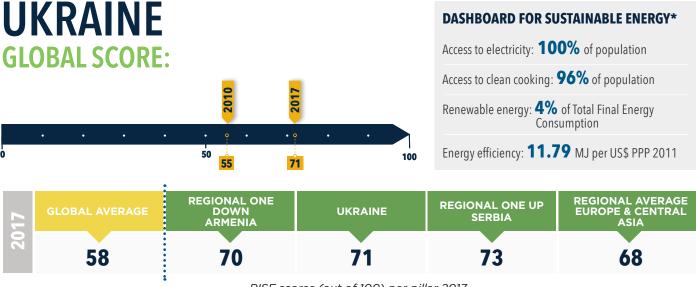
ESMAF

### **RENEWABLE ENERGY**



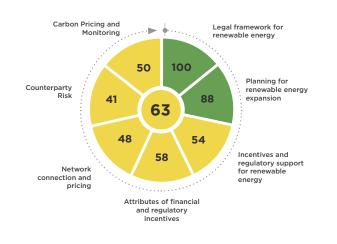
# **EVOLUTION OF RISE SCORE SINCE 2010**



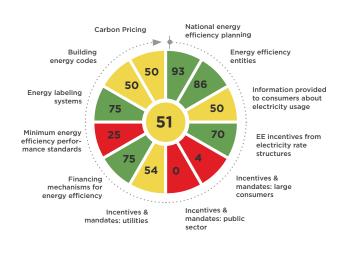


## **RENEWABLE ENERGY**

RISE



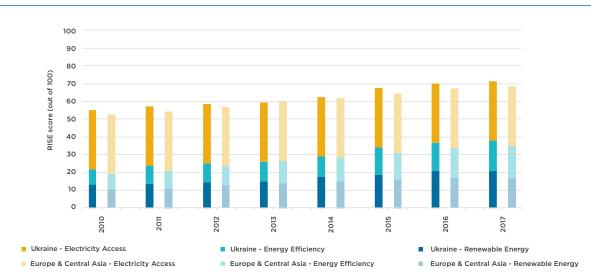
# **ENERGY EFFICIENCY**



WORLD BANK GROUP

ESM/

# **EVOLUTION OF RISE SCORE SINCE 2010**









# UNITED ARAB EMIRATES GLOBAL SCORE:



#### DASHBOARD FOR SUSTAINABLE ENERGY\*

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

Access to clean cooking: 99% of population

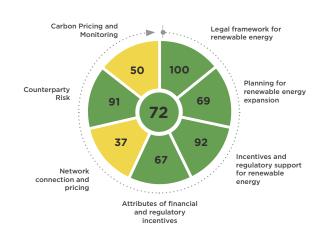
Renewable energy: **0%** of Total Final Energy Consumption

Energy efficiency: **5.08** MJ per US\$ PPP 2011

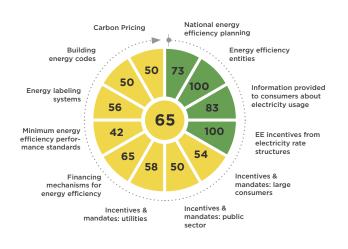
| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>IRAN, ISLAMIC REP. | UNITED ARAB<br>EMIRATES | REGIONAL ONE UP<br>TUNISIA | REGIONAL AVERAGE<br>MIDDLE EAST &<br>NORTH AFRICA |
|----|----------------|--|-------------------------|----------------------------|---|
| 20 |                |  |                         |                            |   |
|    | 58             | 78   | 79                      | 83                         | 63  |
|    |                |  |                         |                            |   |

RISE scores (out of 100) per pillar 2017

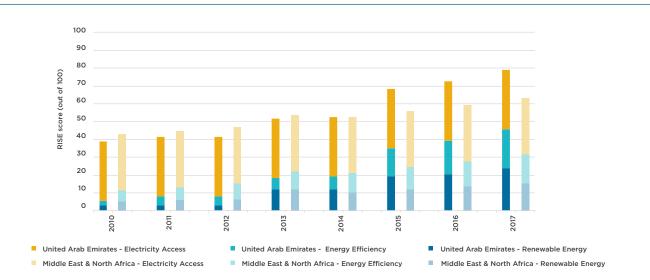
## **RENEWABLE ENERGY**



# ENERGY EFFICIENCY



# **EVOLUTION OF RISE SCORE SINCE 2010**







# UNITED KINGDOM GLOBAL SCORE:



#### **DASHBOARD FOR SUSTAINABLE ENERGY\***

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

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

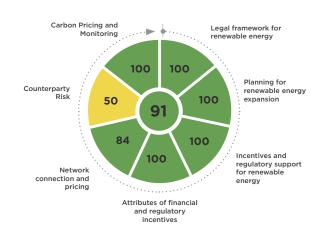
Renewable energy: **9%** of Total Final Energy Consumption

Energy efficiency: **3.02** MJ per US\$ PPP 2011

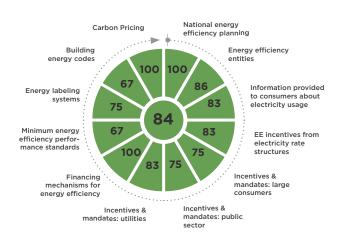
| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>ITALY | UNITED KINGDOM | REGIONAL ONE UP<br>GERMANY | REGIONAL AVERAGE<br>OECD HIGH INCOME |
|----|----------------|-------------------------------|----------------|----------------------------|--------------------------------------|
| 20 | 58             | 01                            | 02             | 0/                         | 84                                   |
|    | <b>JO</b>      | 71                            | 72             | 74                         | 04                                   |

RISE scores (out of 100) per pillar 2017

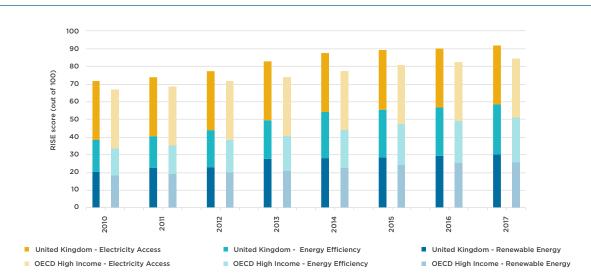
## **RENEWABLE ENERGY**

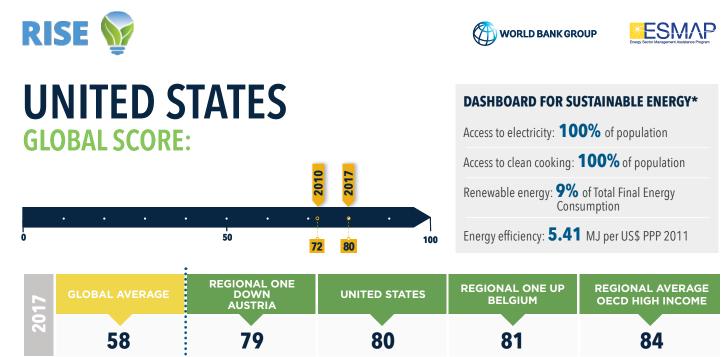


# **ENERGY EFFICIENCY**

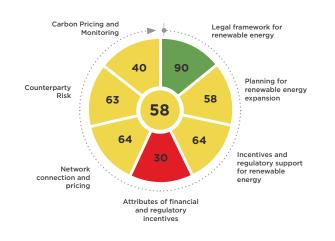


# **EVOLUTION OF RISE SCORE SINCE 2010**

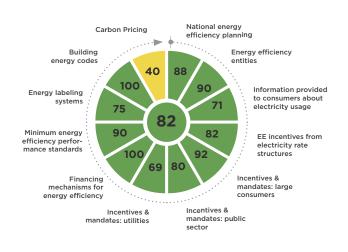




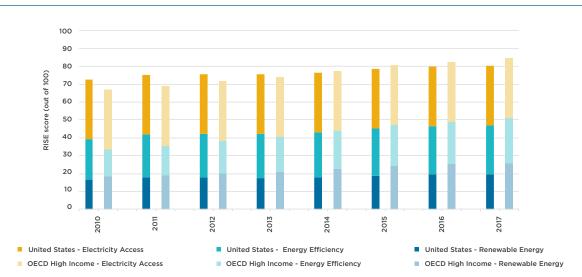
## **RENEWABLE ENERGY**

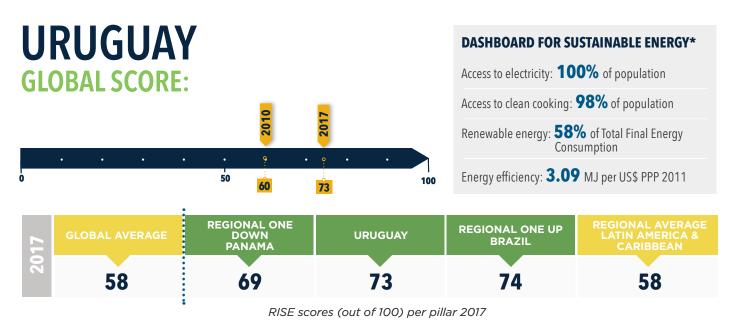


# **ENERGY EFFICIENCY**



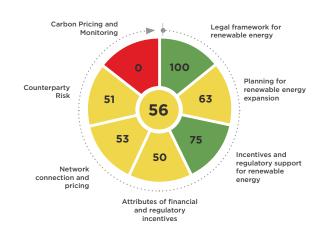
# **EVOLUTION OF RISE SCORE SINCE 2010**



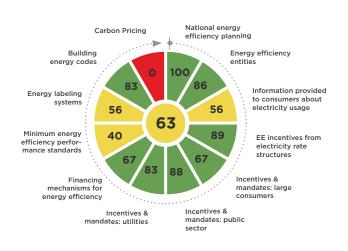


#### **RENEWABLE ENERGY**

RISE



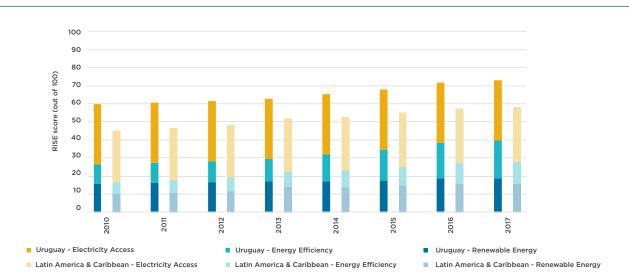
# **ENERGY EFFICIENCY**

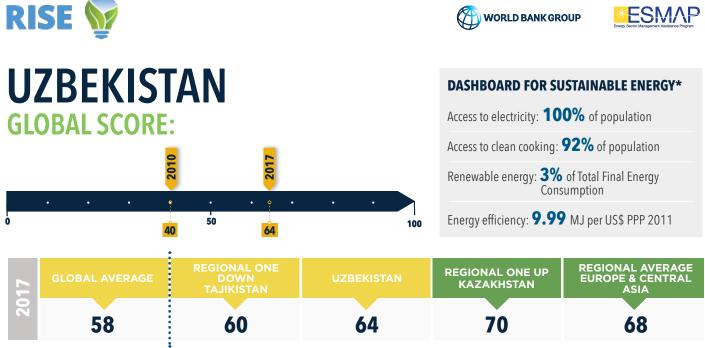


WORLD BANK GROUP

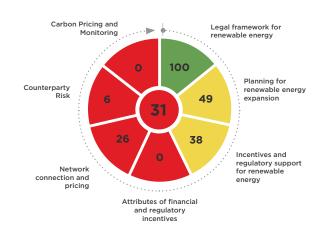
ESM

## **EVOLUTION OF RISE SCORE SINCE 2010**

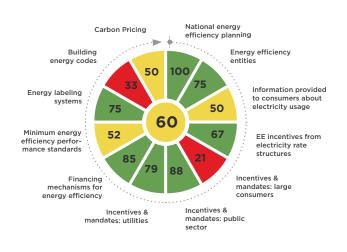




## **RENEWABLE ENERGY**



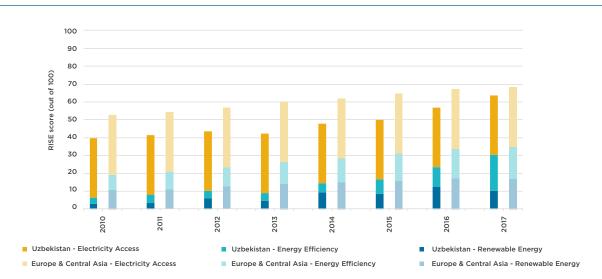
# **ENERGY EFFICIENCY**

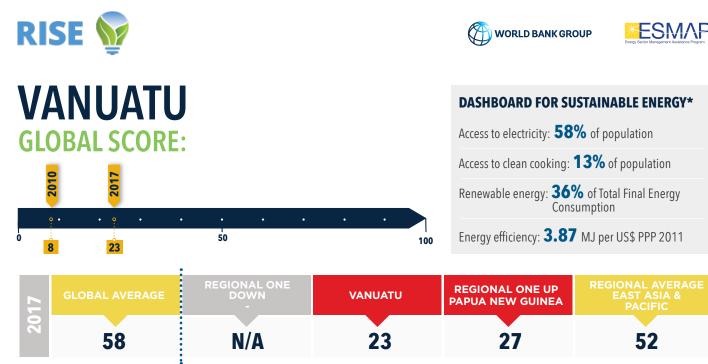


WORLD BANK GROUP

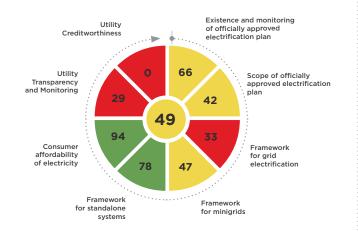
ESM

# **EVOLUTION OF RISE SCORE SINCE 2010**

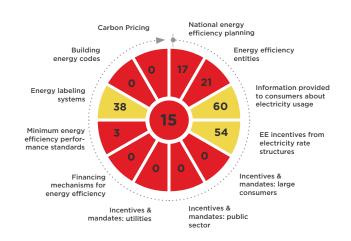




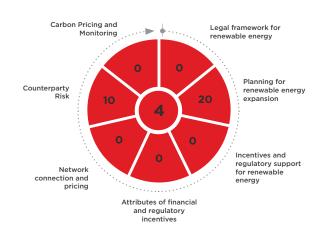
## **ELECTRICITY ACCESS**



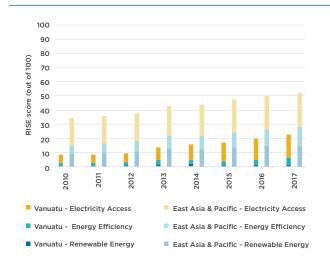
# **ENERGY EFFICIENCY**

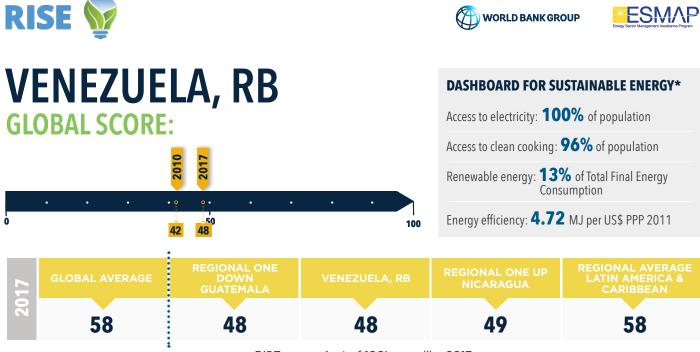


### **RENEWABLE ENERGY**

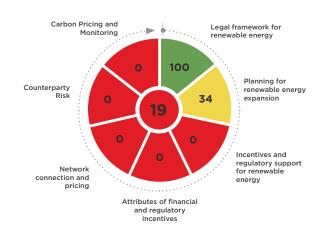


# **EVOLUTION OF RISE SCORE SINCE 2010**

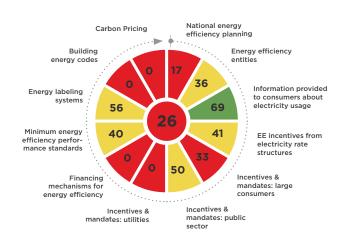




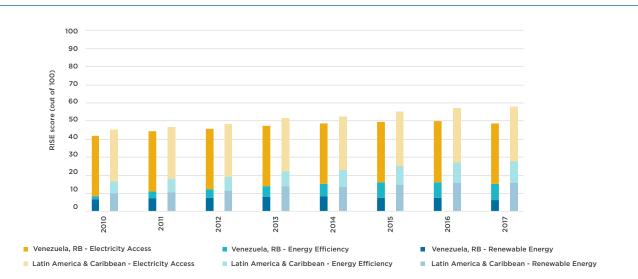
## **RENEWABLE ENERGY**

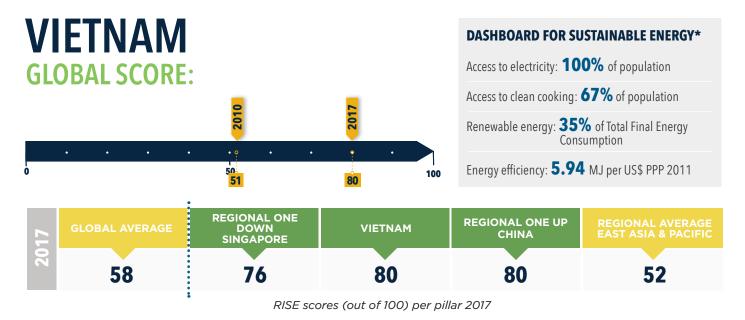


## **ENERGY EFFICIENCY**



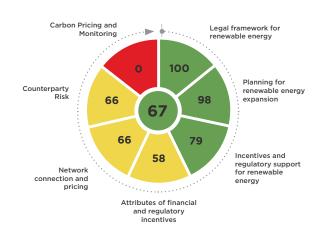
# **EVOLUTION OF RISE SCORE SINCE 2010**



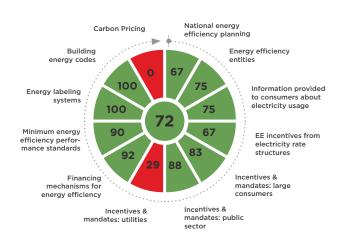


**RENEWABLE ENERGY** 

RISE



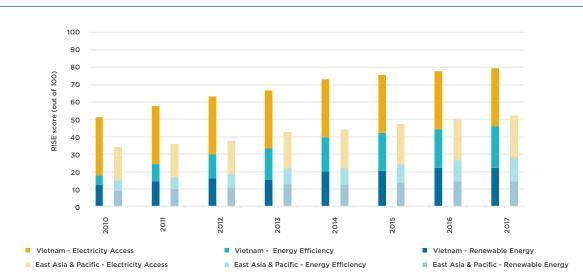
# **ENERGY EFFICIENCY**



WORLD BANK GROUP

ESM/

## **EVOLUTION OF RISE SCORE SINCE 2010**







# WEST BANK AND GAZA GLOBAL SCORE:

50

201

55

2010

•

38

#### DASHBOARD FOR SUSTAINABLE ENERGY\*

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

Access to clean cooking: N/A

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

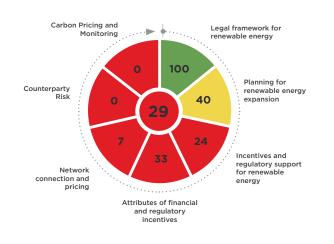
Energy efficiency: **0.00** MJ per US\$ PPP 2011

| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>BAHRAIN | WEST BANK<br>AND GAZA | REGIONAL ONE UP<br>QATAR | REGIONAL AVERAGE<br>MIDDLE EAST &<br>NORTH AFRICA |
|----|----------------|---------------------------------|-----------------------|--------------------------|---|
| 20 |                |                                 |                       |                          |   |
|    | 58             | 52                              | 55                    | 56                       | 63  |
|    |                |                                 |                       |                          |   |

RISE scores (out of 100) per pillar 2017

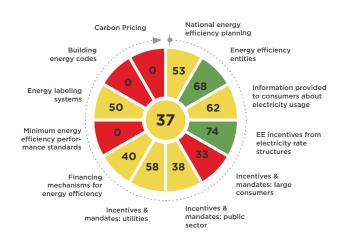
## **RENEWABLE ENERGY**

'n

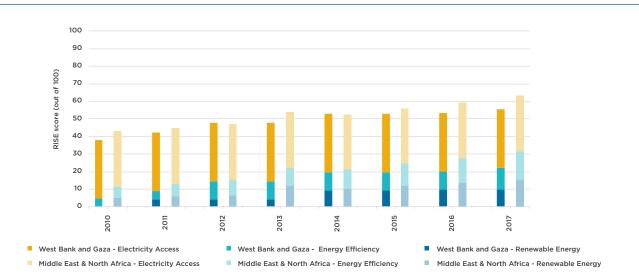


# ENERGY EFFICIENCY

100



# **EVOLUTION OF RISE SCORE SINCE 2010**





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# YEMEN, REP. GLOBAL SCORE:



Access to clean cooking: 65% of population

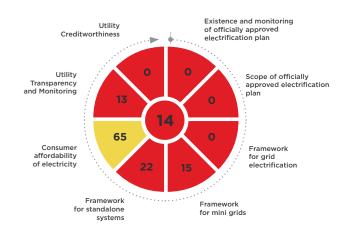
Renewable energy: **2%** of Total Final Energy Consumption

Energy efficiency: 2.05 MJ per US\$ PPP 2011

| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>- | YEMEN, REP. | REGIONAL ONE UP<br>KUWAIT | REGIONAL AVERAGE<br>MIDDLE EAST &<br>NORTH AFRICA |
|----|----------------|---------------------------|-------------|---------------------------|---|
| 20 | 58             | N/A                       | 15          | 47                        | 63  |

RISE scores (out of 100) per pillar 2017

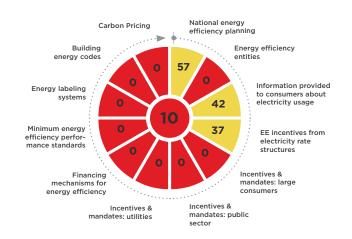
## **ELECTRICITY ACCESS**



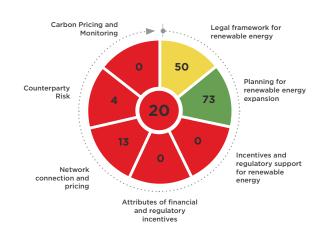
50

# ENERGY EFFICIENCY

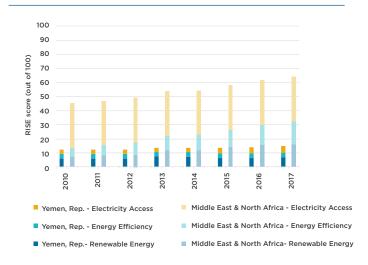
100

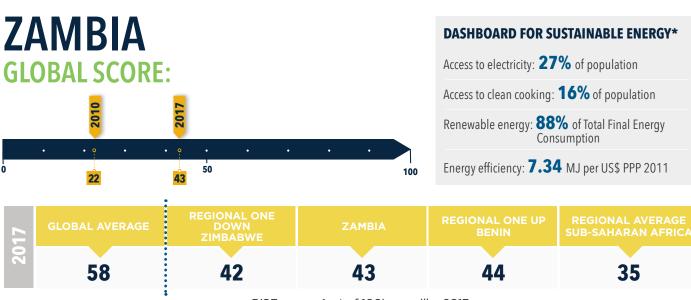


## **RENEWABLE ENERGY**



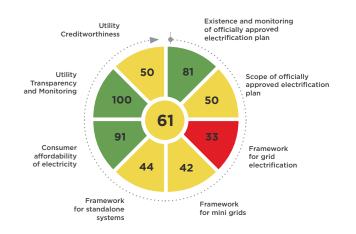
# **EVOLUTION OF RISE SCORE SINCE 2010**



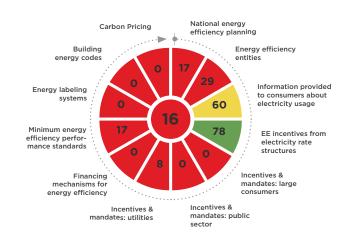


# **ELECTRICITY ACCESS**

RISE



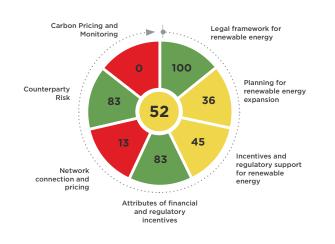
# **ENERGY EFFICIENCY**



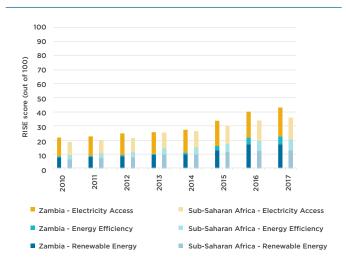
WORLD BANK GROUP

ESMAF

## **RENEWABLE ENERGY**



# **EVOLUTION OF RISE SCORE SINCE 2010**







# **ZIMBABWE** GLOBAL SCORE:





Access to electricity: **38%** of population

Access to clean cooking: 29% of population

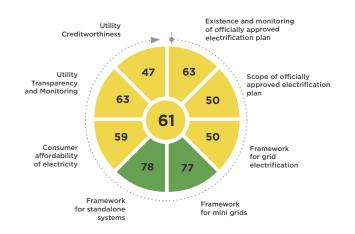
Renewable energy: **82%** of Total Final Energy Consumption

Energy efficiency: **15.80** MJ per US\$ PPP 2011

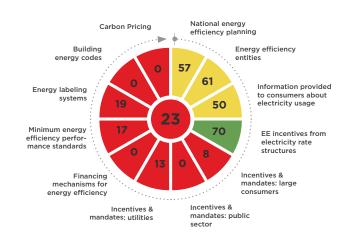
| 17 | GLOBAL AVERAGE | REGIONAL ONE<br>DOWN<br>BURKINA FASO | ZIMBABWE | REGIONAL ONE UP<br>ZAMBIA | REGIONAL AVERAGE<br>SUB-SAHARAN AFRICA |
|----|----------------|--------------------------------------|----------|---------------------------|--|
| 20 | 58             | 42                                   | 42       | 43                        | 35                                     |

RISE scores (out of 100) per pillar 2017

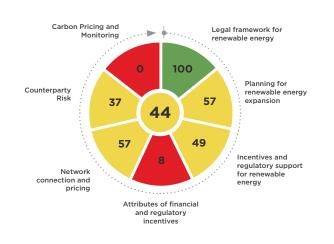
## **ELECTRICITY ACCESS**



# ENERGY EFFICIENCY



### **RENEWABLE ENERGY**



# **EVOLUTION OF RISE SCORE SINCE 2010**

