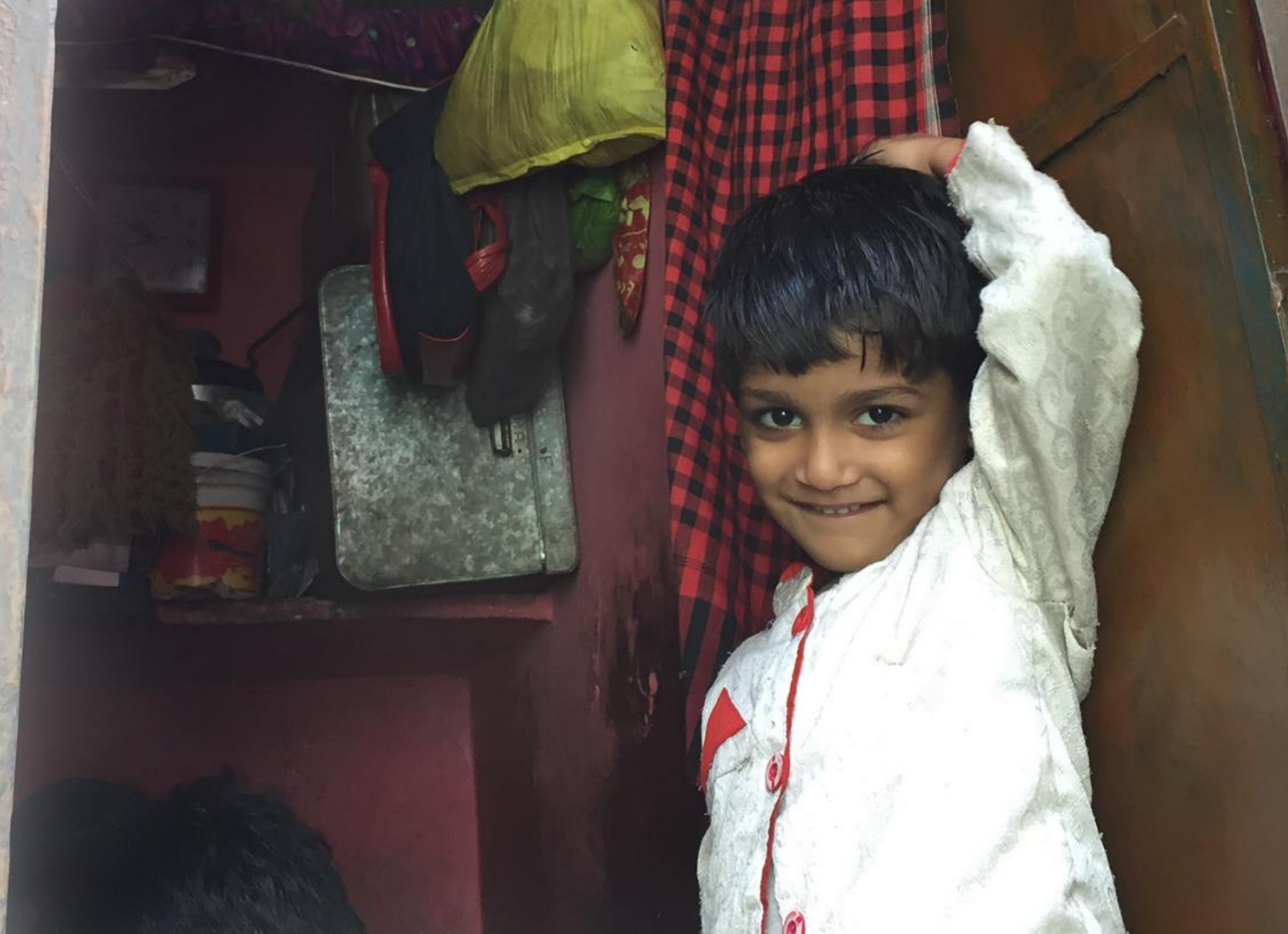
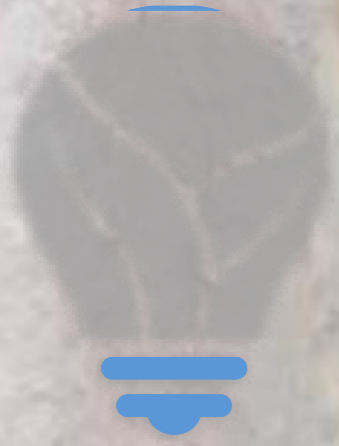
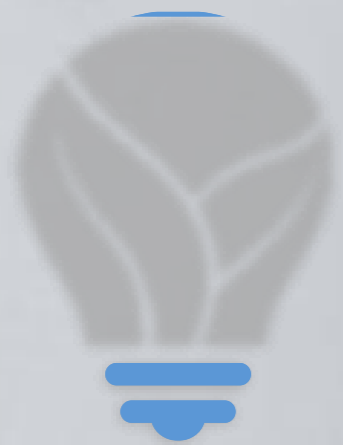


**RISE**

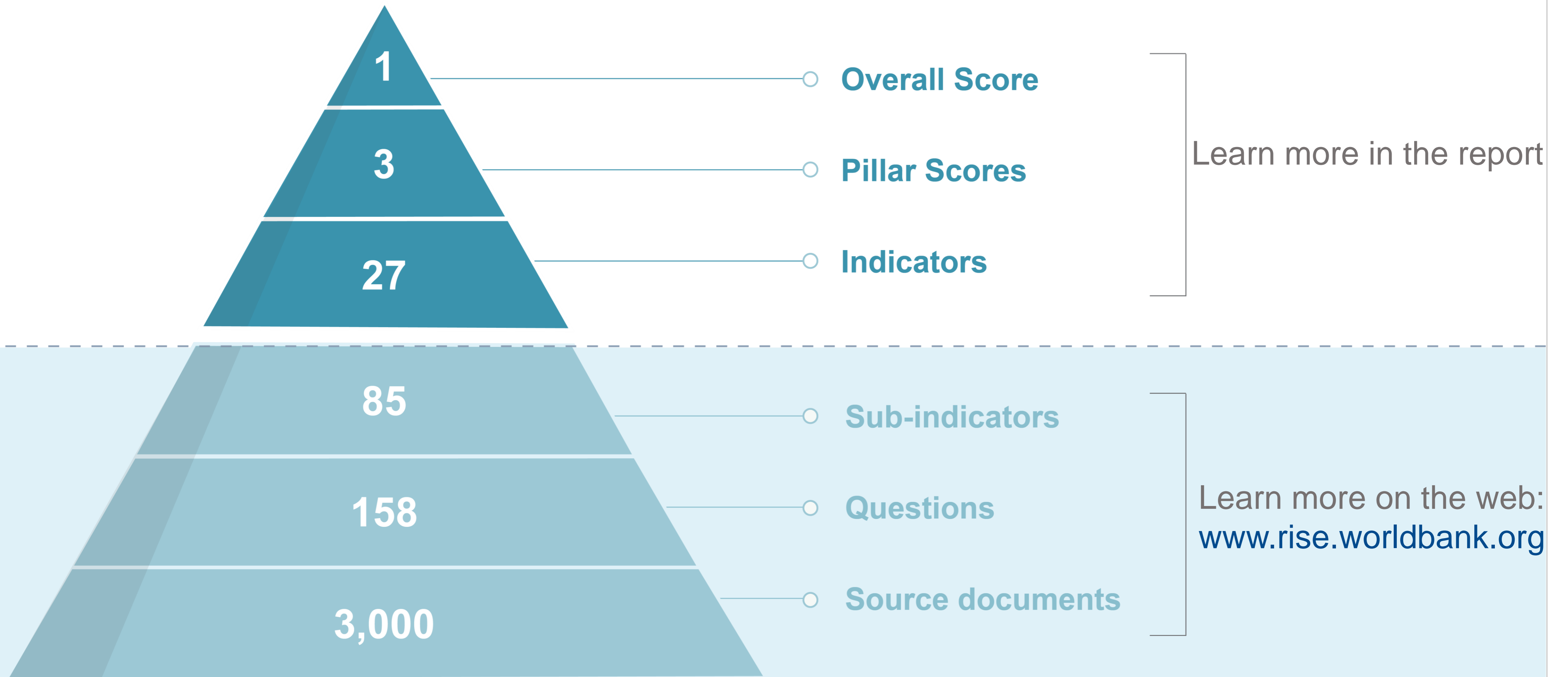


**RISE**



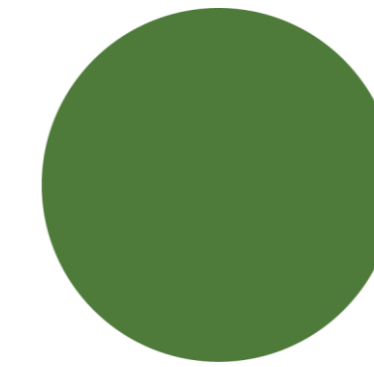
# Regulatory Indicators for Sustainable Energy

## A Scorecard for Policy Makers



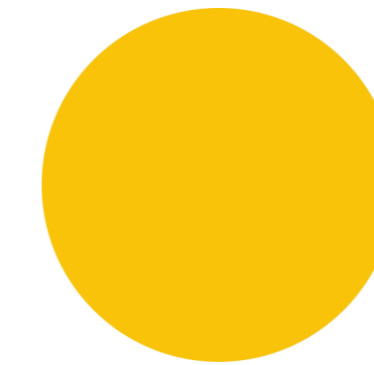


- All countries are scored on a scale of 0-100
- A traffic light system is used to convey whether countries are in the top, middle or bottom third



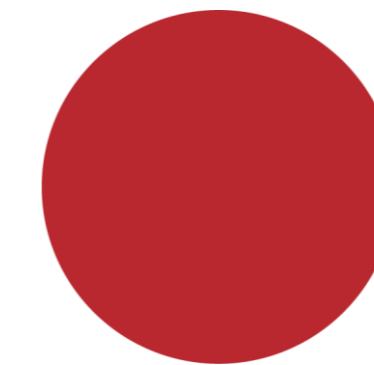
**Green Zone**

67-100



**Yellow Zone**

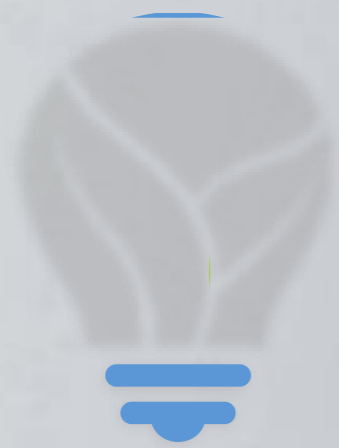
34-66



**Red Zone**

0-33

**RISE**



# Global Findings



**RISE**



# Performance of Large Energy Consumers Will Have a “High Impact” on Achievement of Global Objectives



## High Impact

Top 20 highest energy consuming countries account for about 75% of global energy consumption

**RISE**



# Most High Impact Countries Are in the Green Zone for Energy Efficiency



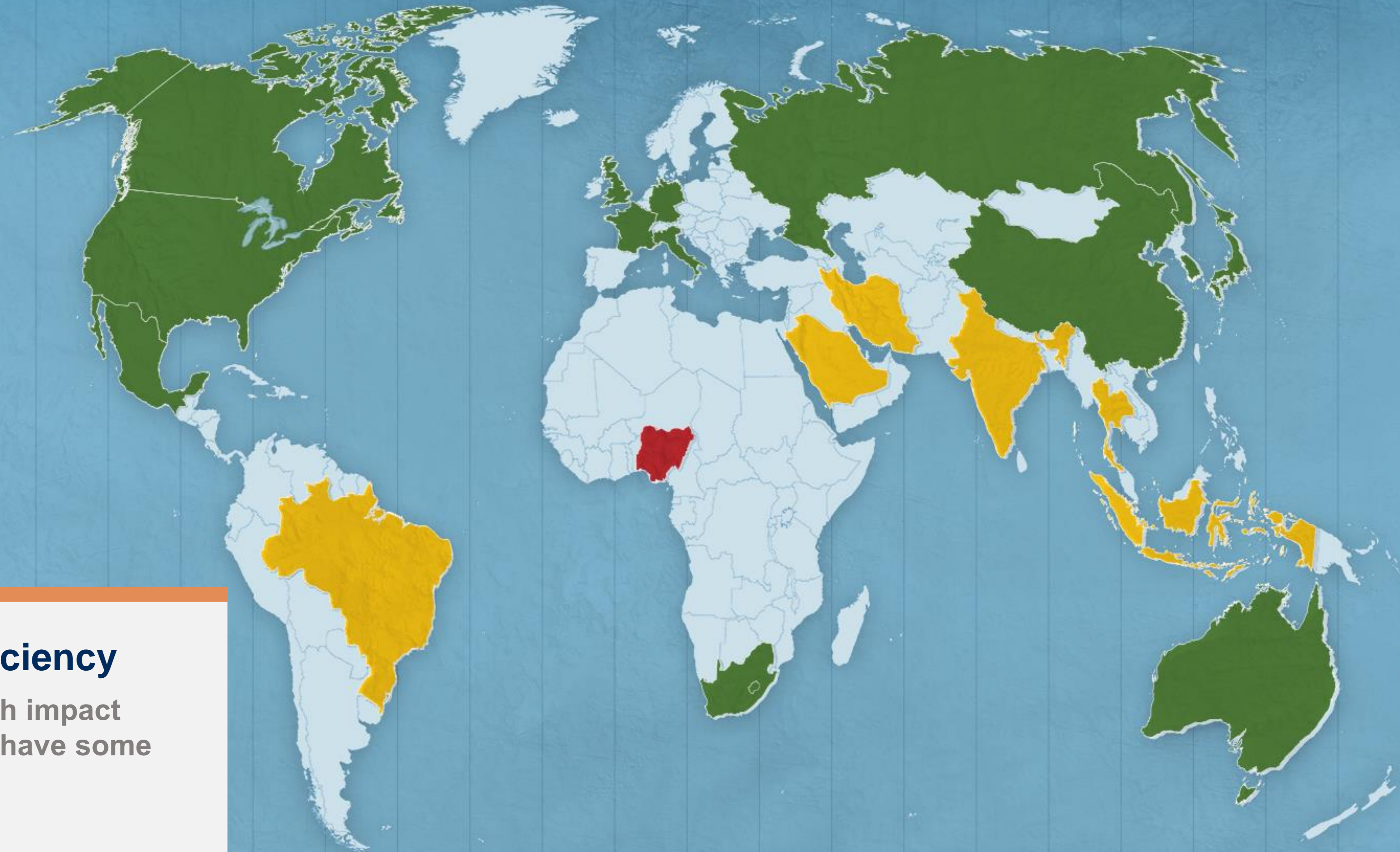
## Energy Efficiency

13 out of 20 high impact countries score in the green zone

**RISE**



# Most High Impact Countries Are in the Green Zone for Energy Efficiency



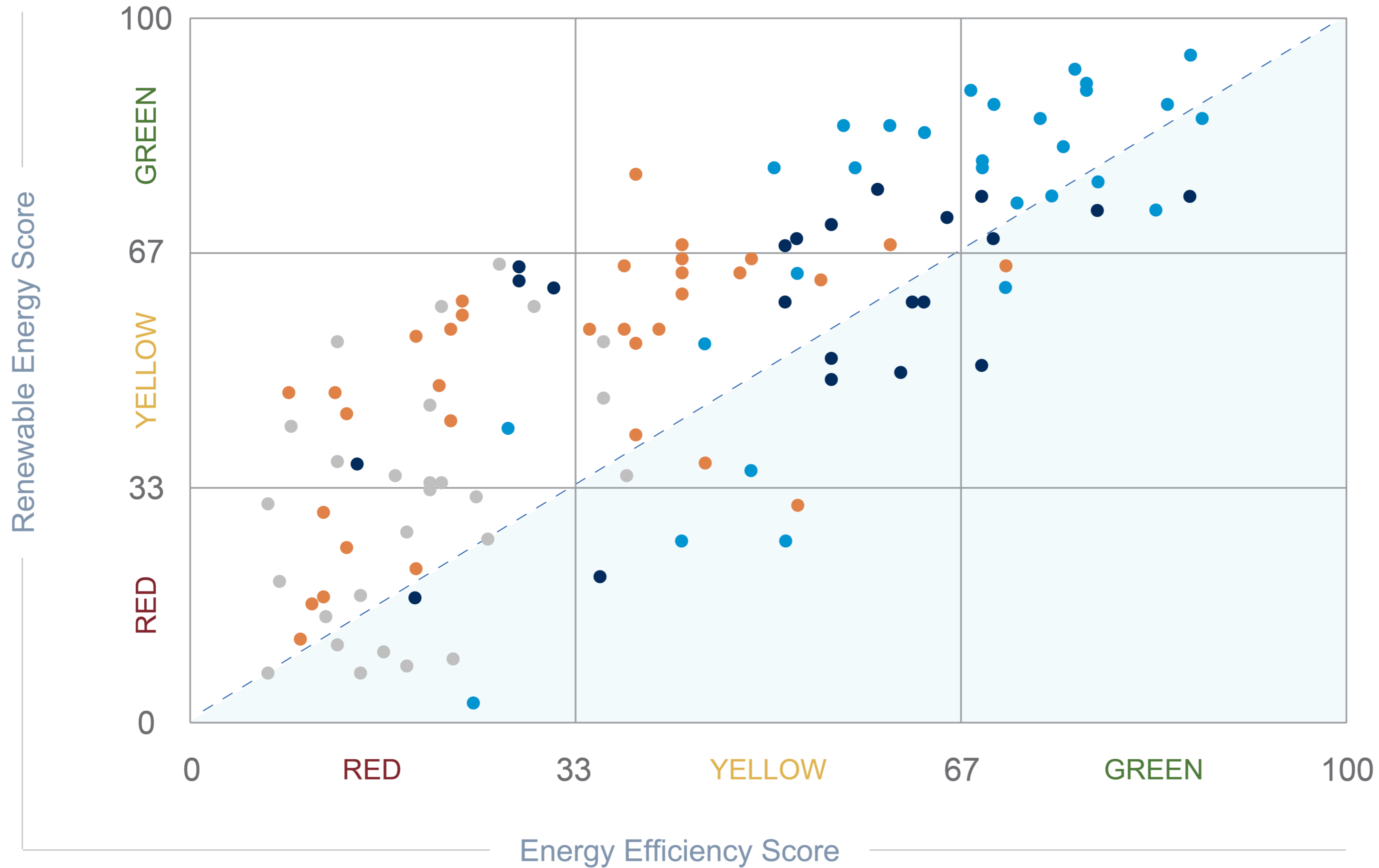
## Energy Efficiency

7 out of 20 high impact countries still have some way to go





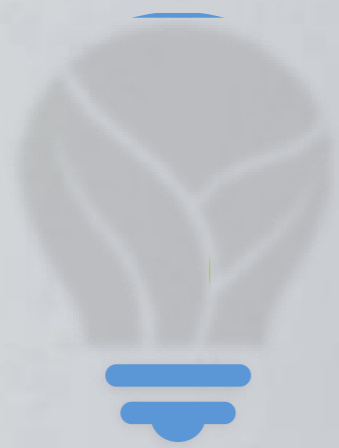
# Most Countries More Advanced on Renewable Energy Compared to Energy Efficiency



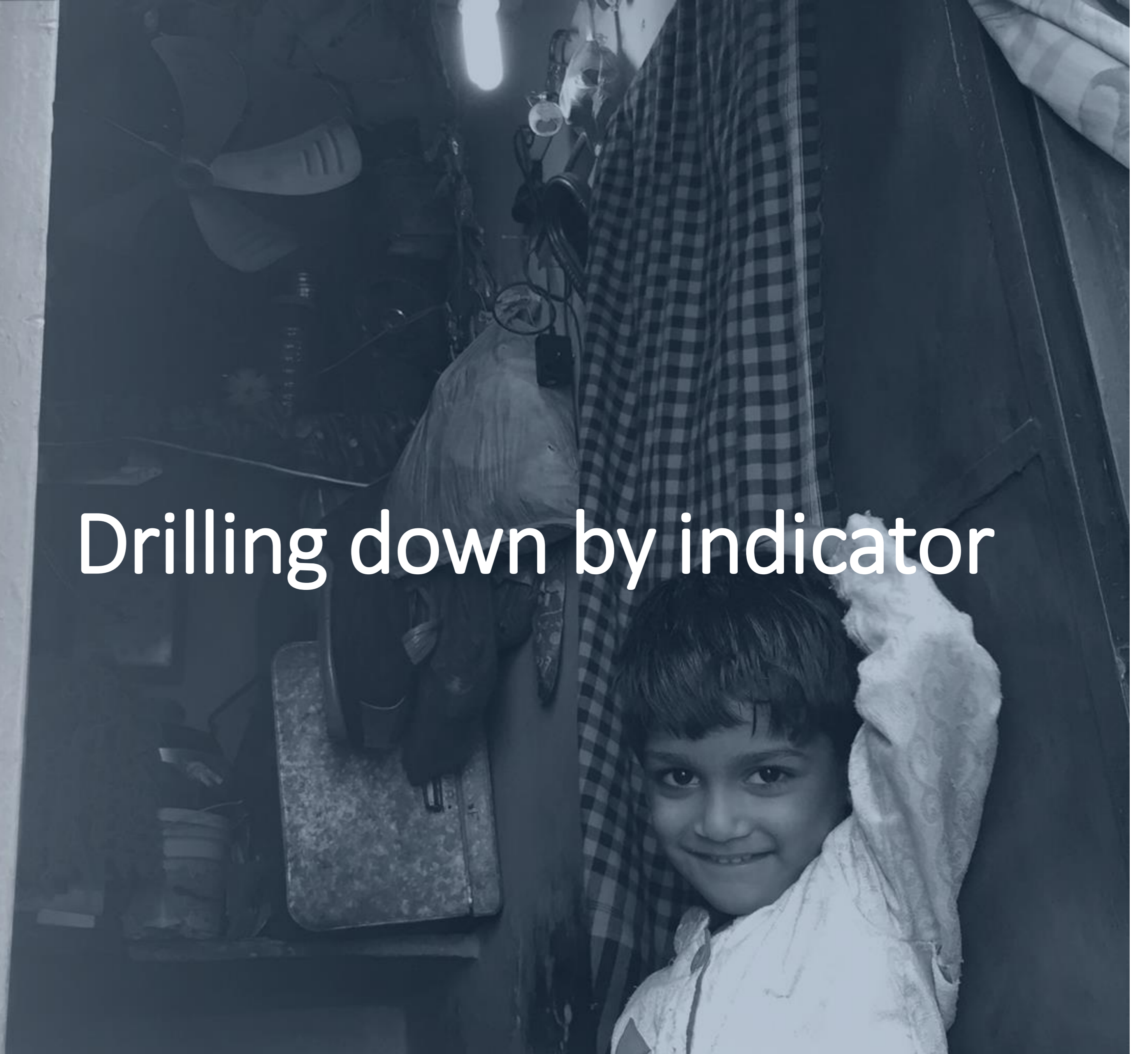
### Income Group

- High Income
- Upper Middle Income
- Low Middle Income
- Low Income

**RISE**

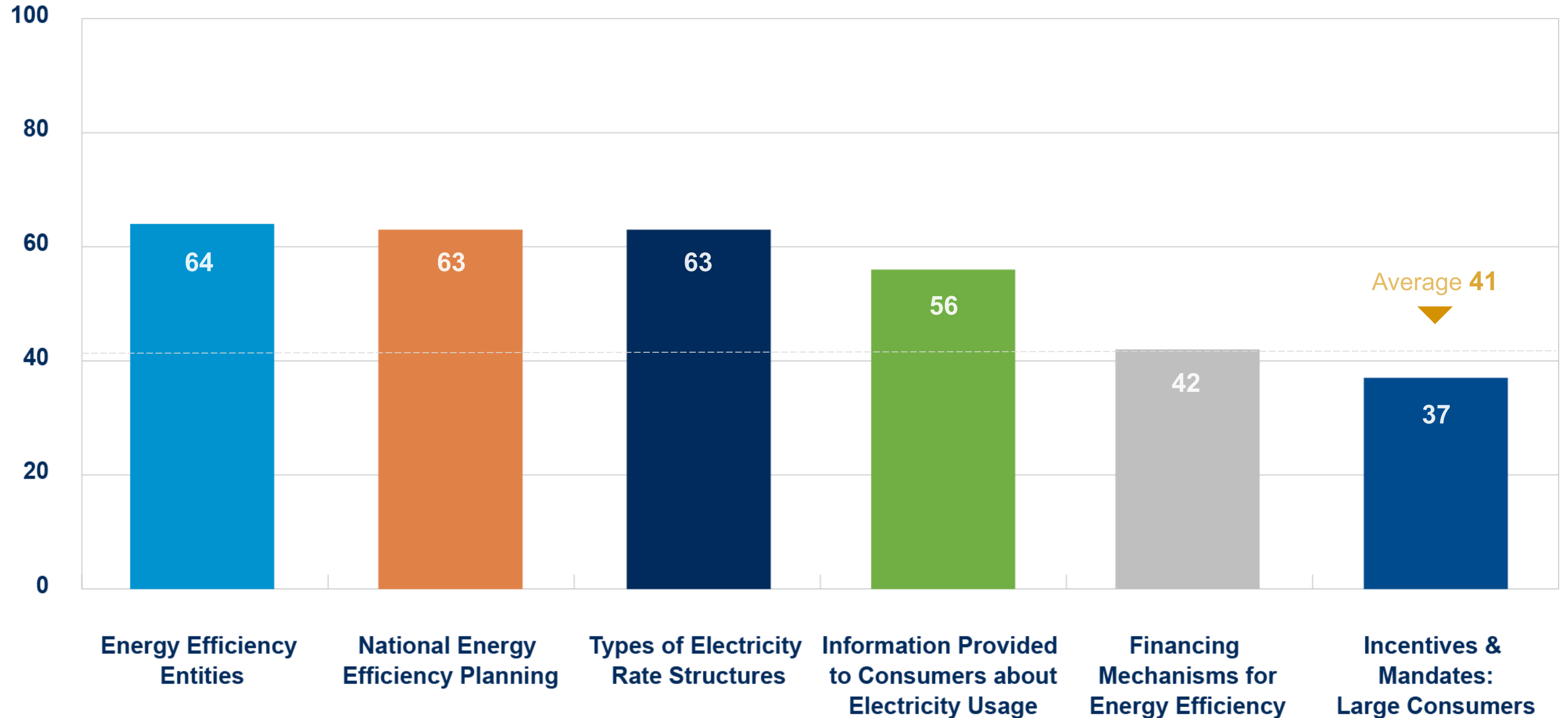


Drilling down by indicator



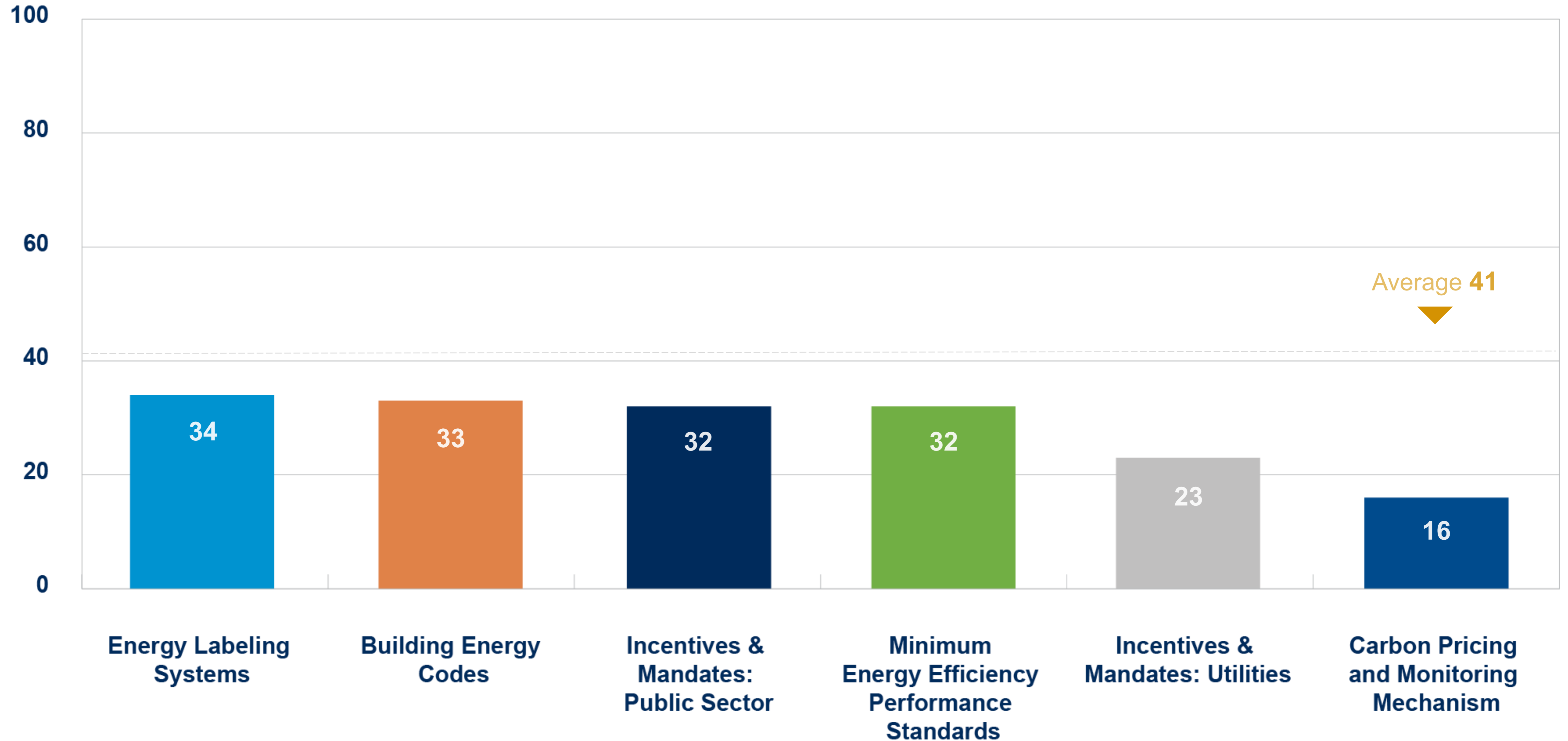


# Uptake of Energy Efficiency Measures Differs Markedly Across Pillars



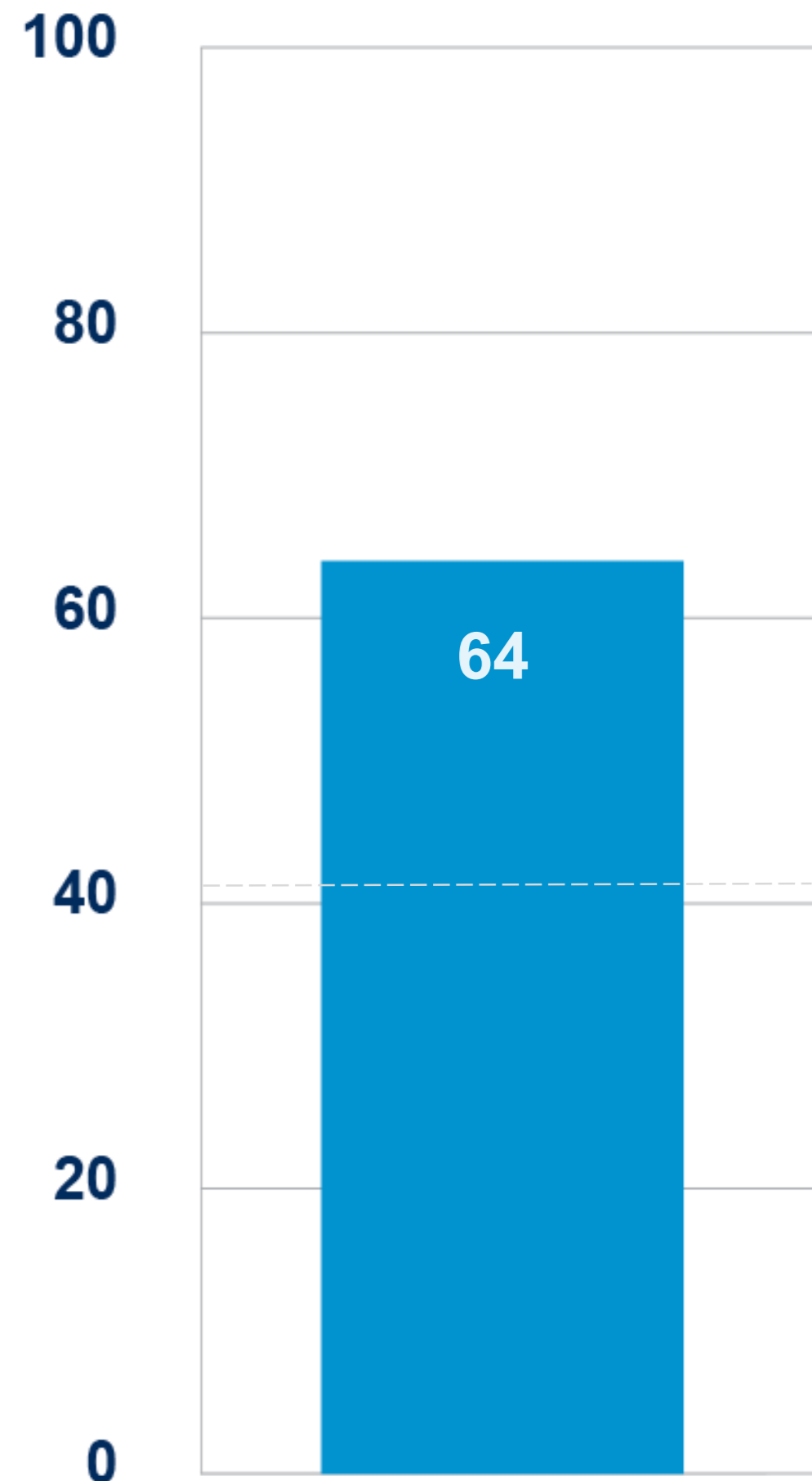


# Uptake of Energy Efficiency Measures Differs Markedly Across Pillars





# Depth of Mandate of Energy Efficiency Entities

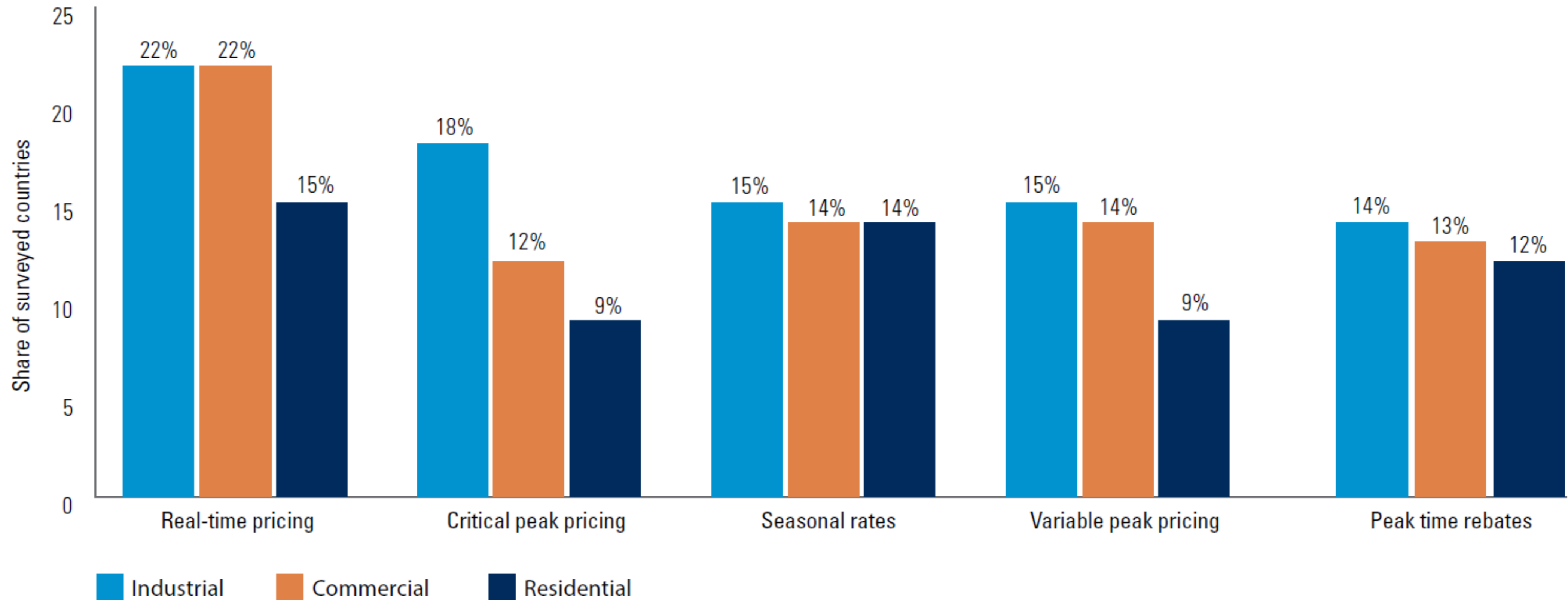


**Energy Efficiency Entities**

<b>88%</b> Setting Energy Efficiency strategy/policy	<b>79%</b> Setting Energy Efficiency standards	<b>62%</b> Certifying compliance with equipment Energy Efficiency standards
<b>59%</b> Regulating Energy Efficiency activities of energy consumers	<b>57%</b> Regulating Energy Efficiency activities of energy suppliers	<b>53%</b> Certifying compliance with building Energy Efficiency standards
<b>50%</b> Selecting third party auditors tasked with certifying Energy Efficiency standards		

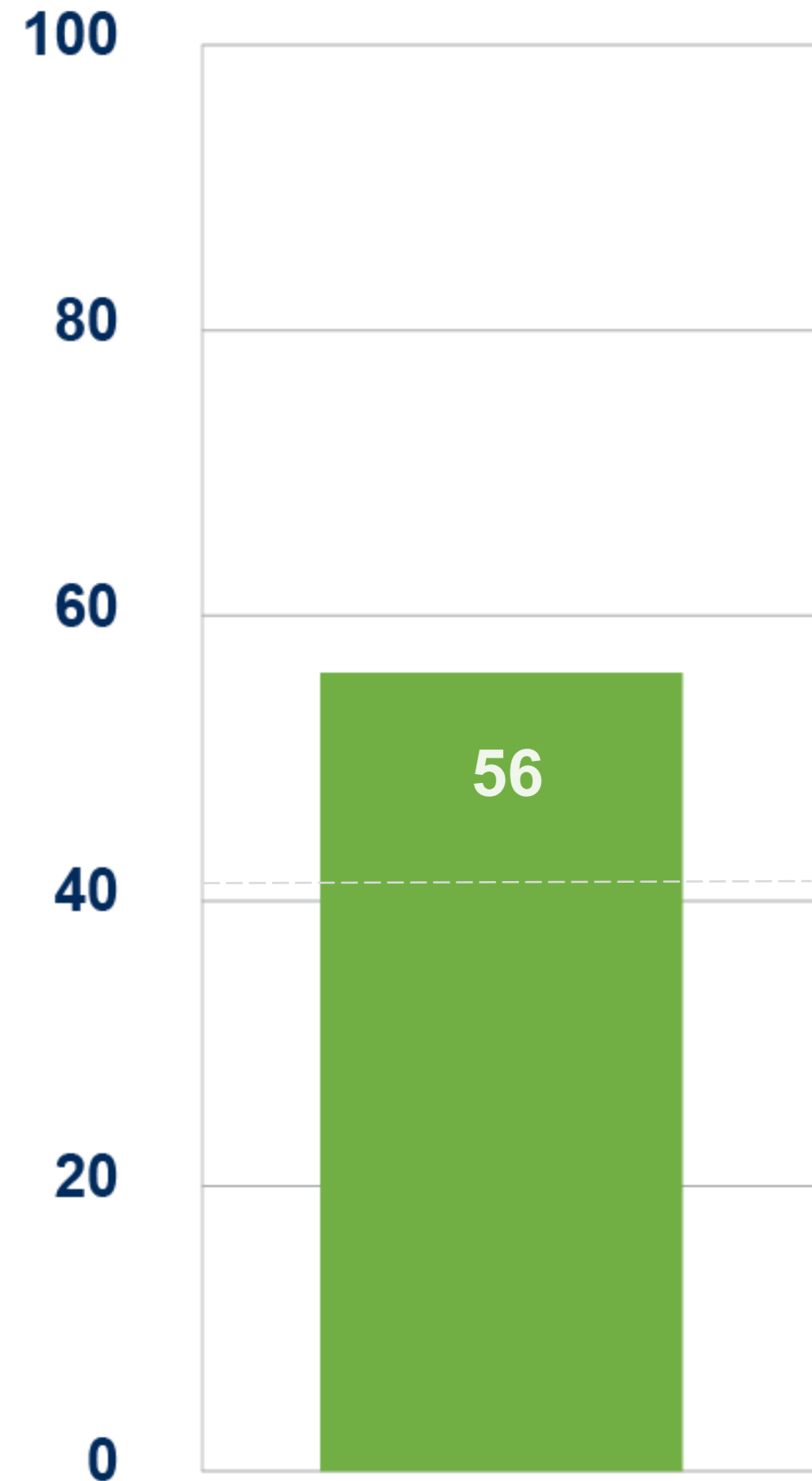


# Time of Use Electricity Tariffs Less Prevalent Globally than Expected





# Quality of Information Provided to Consumers about Electricity Usage

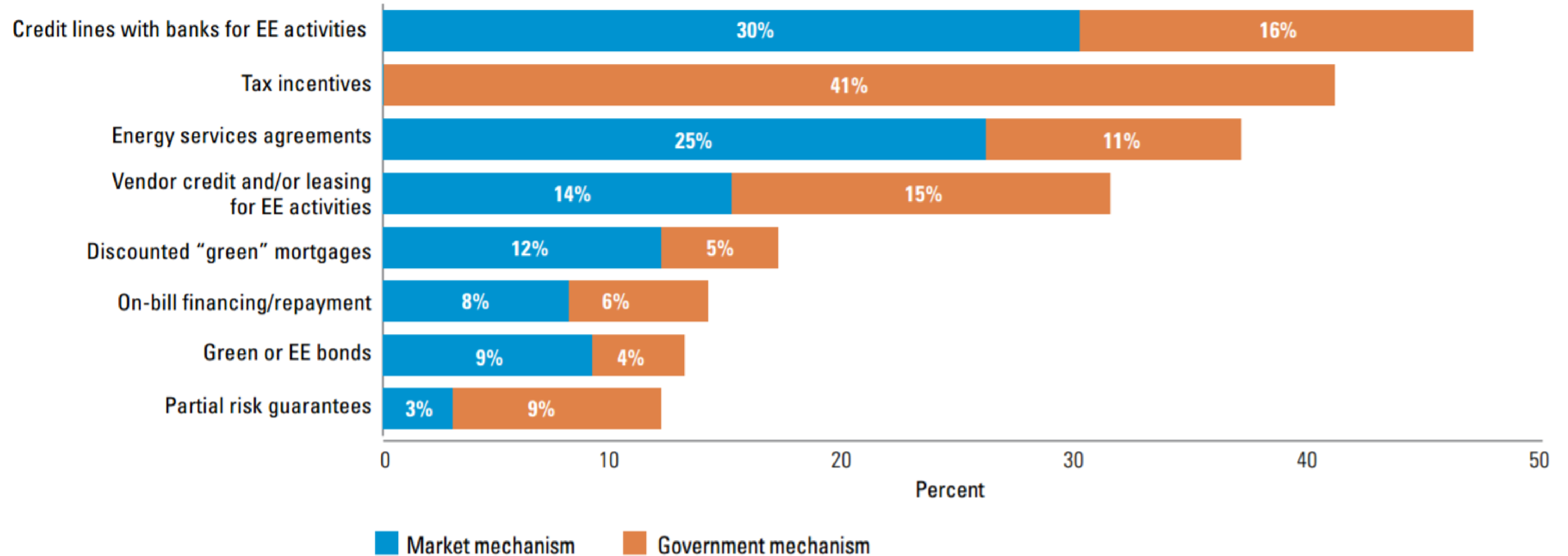


**Information Provided to Consumers about Electricity Usage**

<b>100%</b> Report/billing frequency	<b>97%</b> Mandatory reports/bills to consumers	<b>90%</b> Showing price levels
<b>66%</b> Comparing usage to previous periods	<b>28%</b> Real time feedback of usage	<b>10%</b> Remote control of usage
<b>7%</b> Comparing usage of other users		



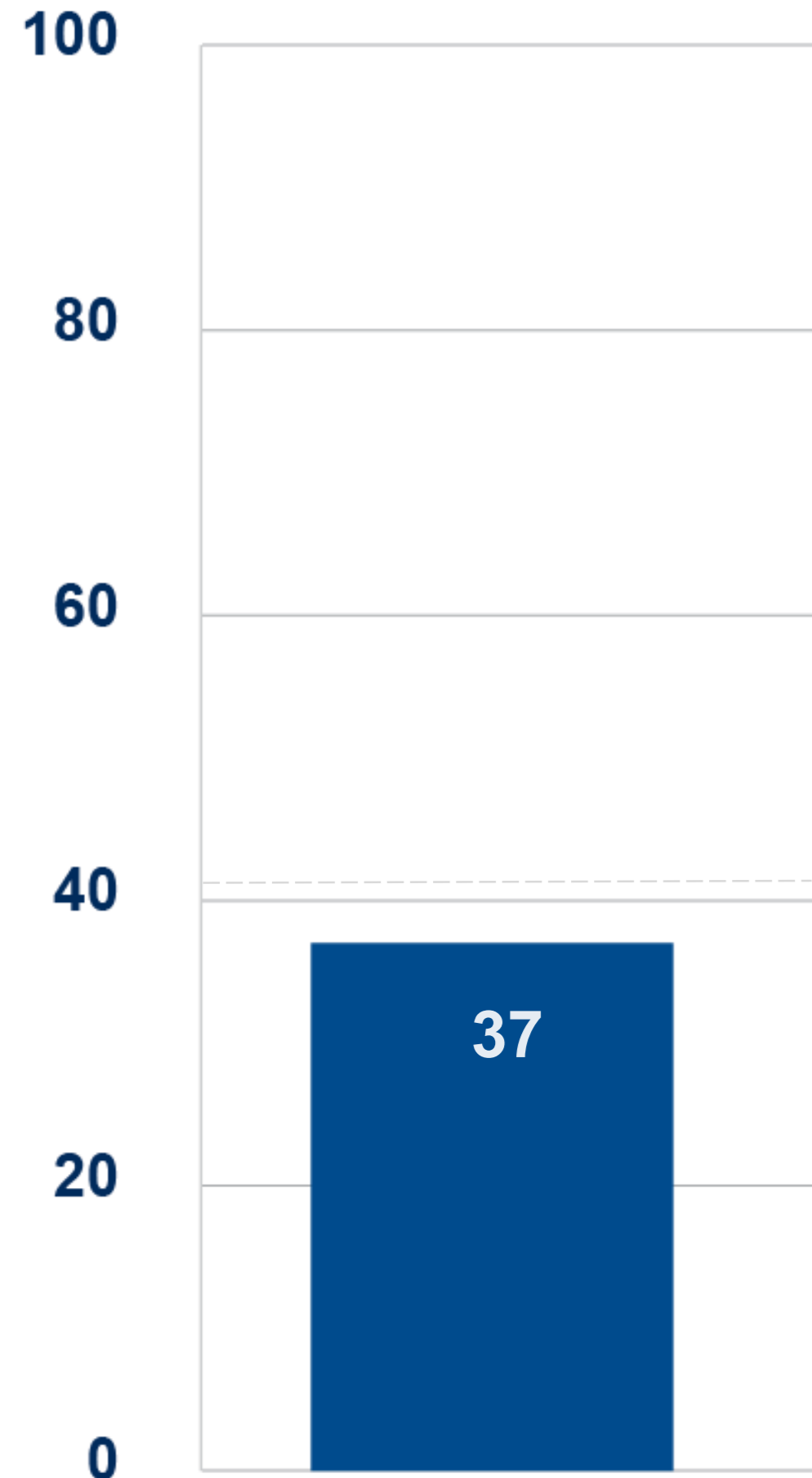
# Prevalence of Different Financing Mechanisms for Energy Efficiency







# Depth of Mandate for Energy Efficiency of Large Consumers

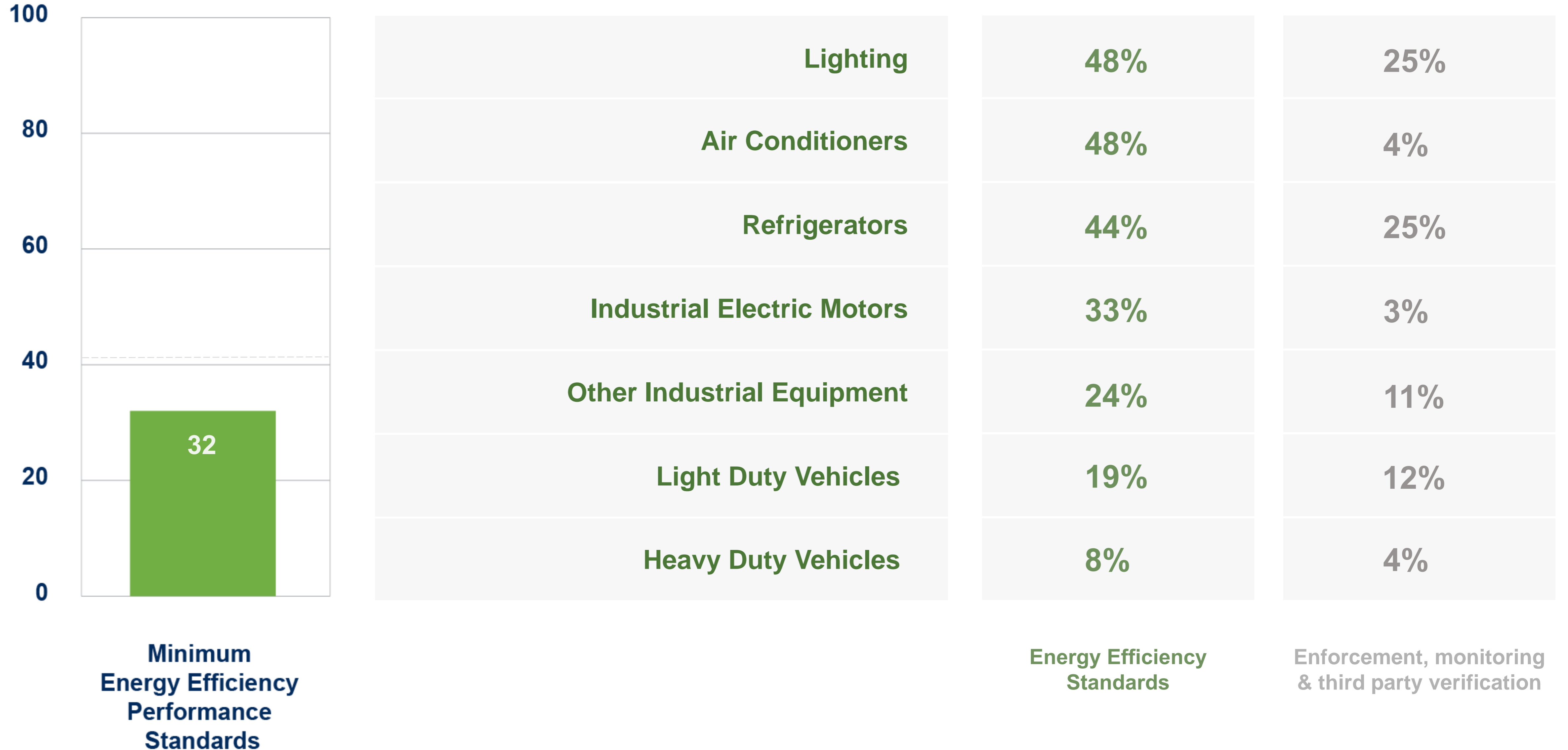


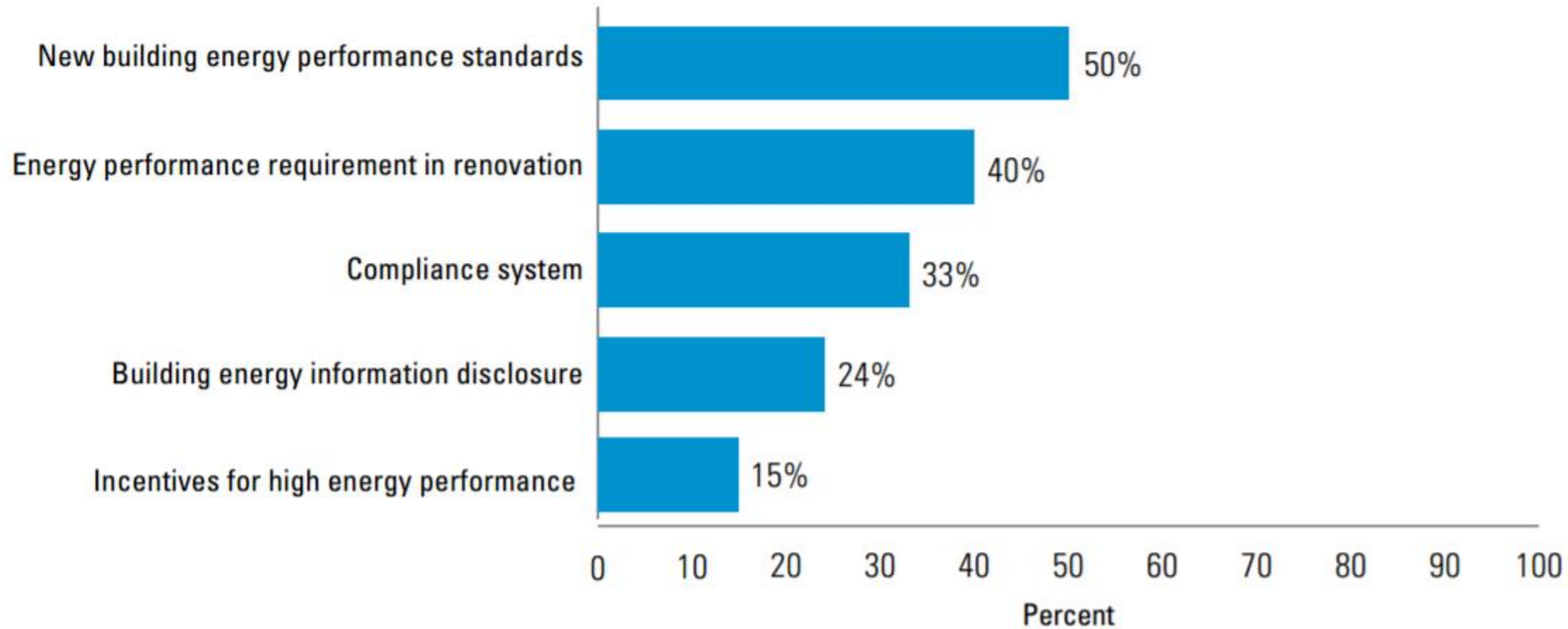
**Incentives & Mandates:  
Large Consumers**

<b>55%</b> Energy Efficiency obligation in place	<b>33%</b> Public recognition program for large consumers undertaking Energy Efficiency initiatives	<b>31%</b> Energy Efficiency savings are publicized
<b>31%</b> Energy Efficiency obligation includes a form of verification or performance tracking	<b>25%</b> Energy Efficiency assistance program to engage large consumers	<b>23%</b> Energy Efficiency obligation includes verification and penalties for non-compliance
<b>14%</b> Energy Efficiency obligation includes verification and penalties for non-compliance and 3rd party validation		



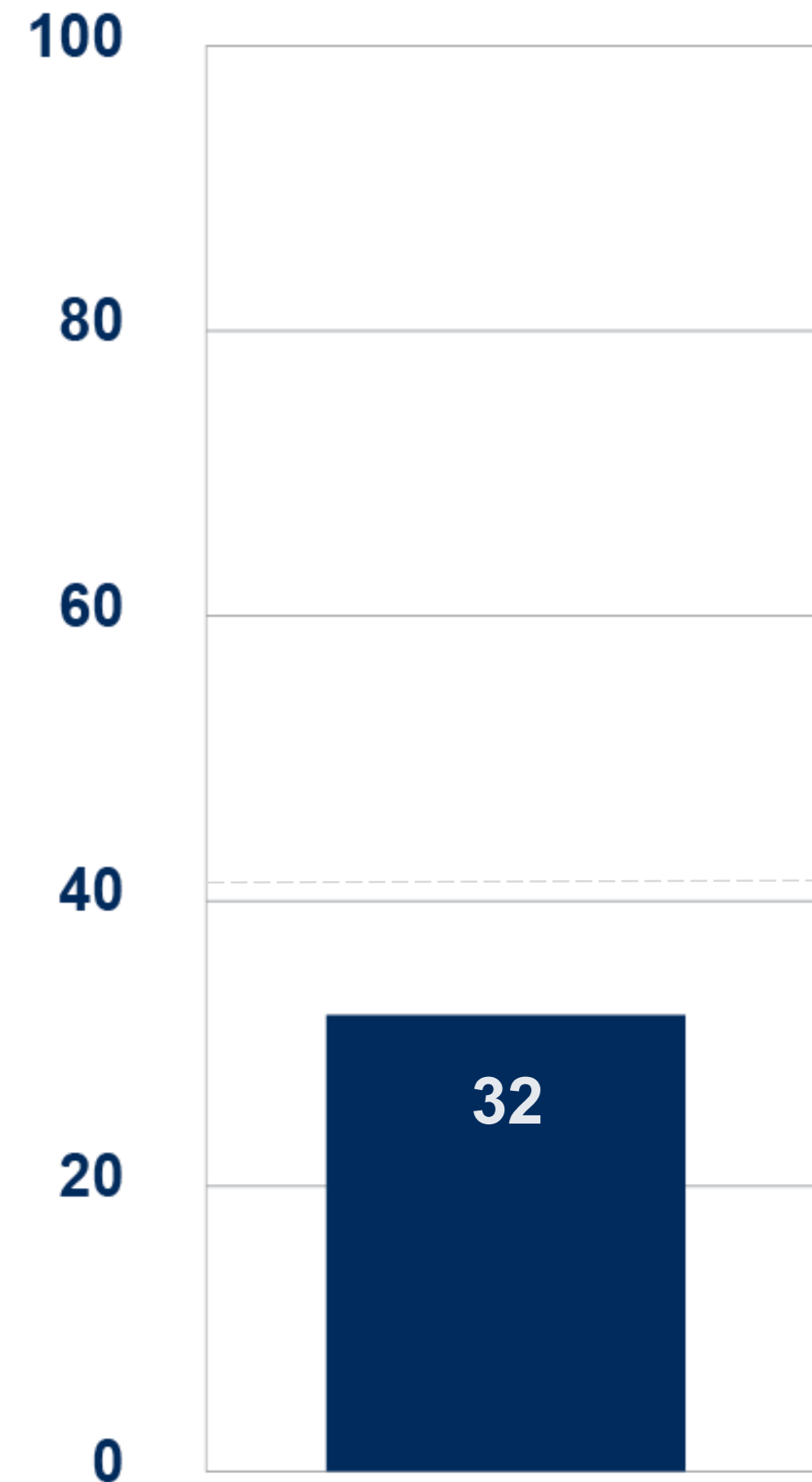
# Prevalence of Energy Performance Standards by Different Appliances



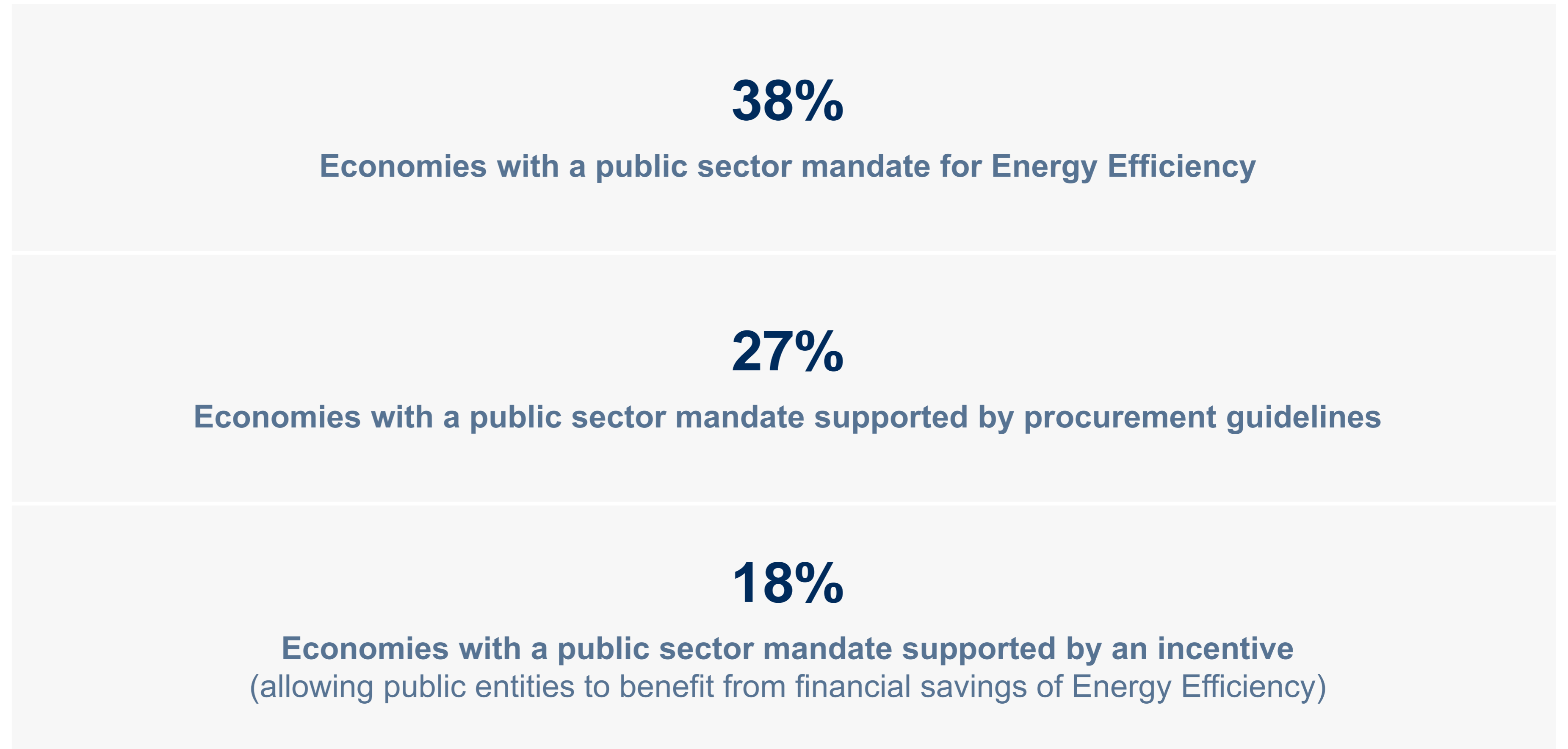


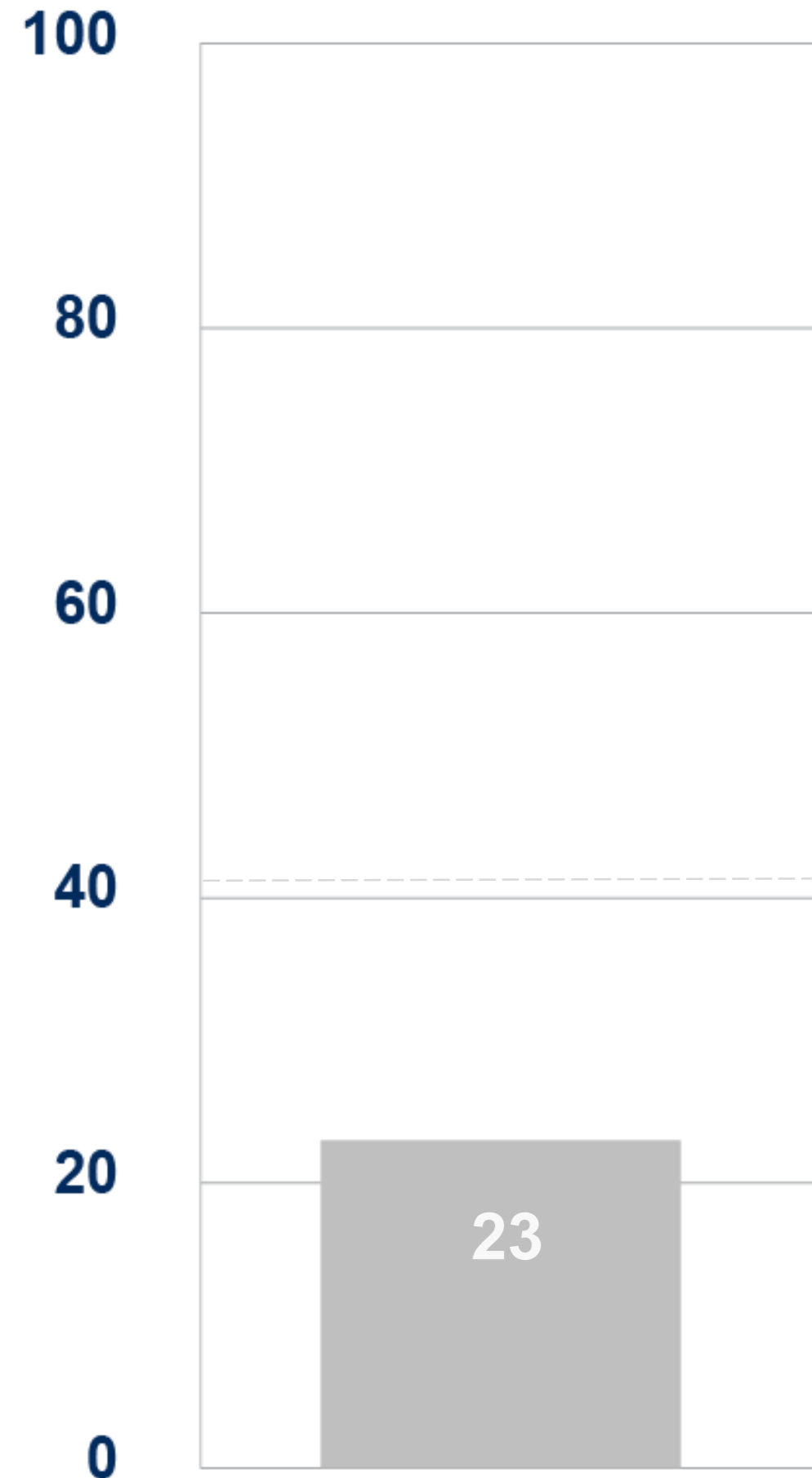
**Countries with all 5 aspects in their building codes**

- Australia
- Austria
- Belgium
- Canada
- Czech Republic
- Denmark
- Finland
- France
- Germany
- Greece
- India
- Italy
- Romania
- South Africa
- United Kingdom
- United States



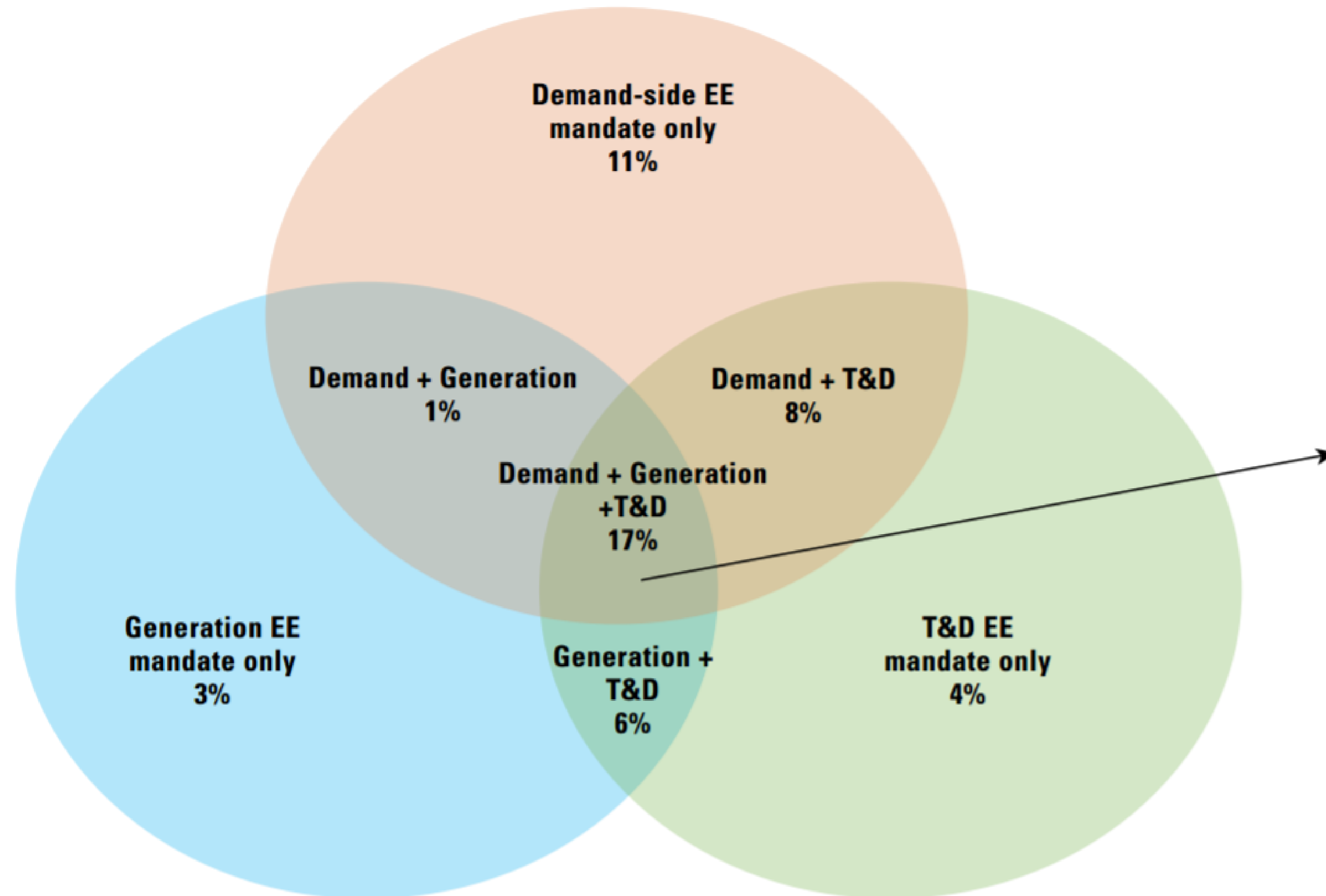
**Incentives & Mandates:  
Public Sector**





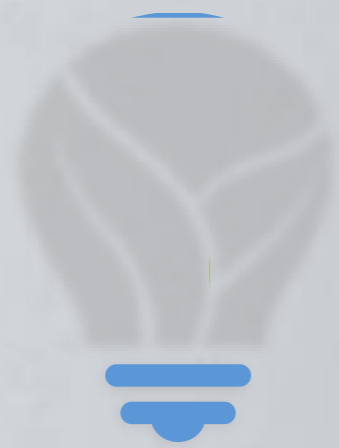
**Incentives & Mandates: Utilities**



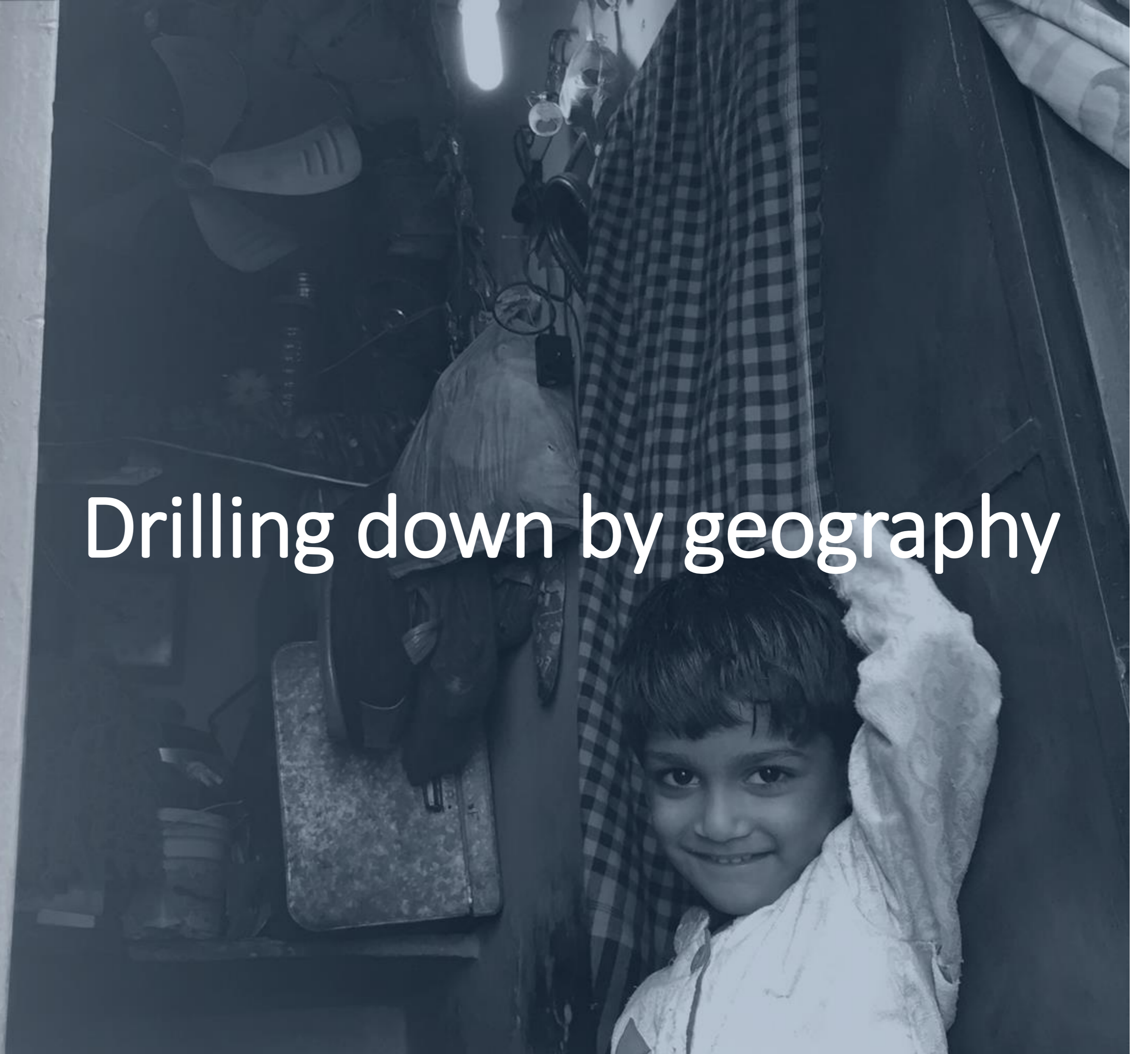


- Countries with all 3 mandates**
- Armenia
  - Cameroon
  - Canada
  - China
  - France
  - India
  - Iran, Islamic Rep.
  - Lebanon
  - Mexico
  - Nepal
  - Pakistan
  - Romania
  - South Africa
  - Sri Lanka
  - Tajikistan
  - Thailand
  - Togo
  - Uzbekistan

**RISE**

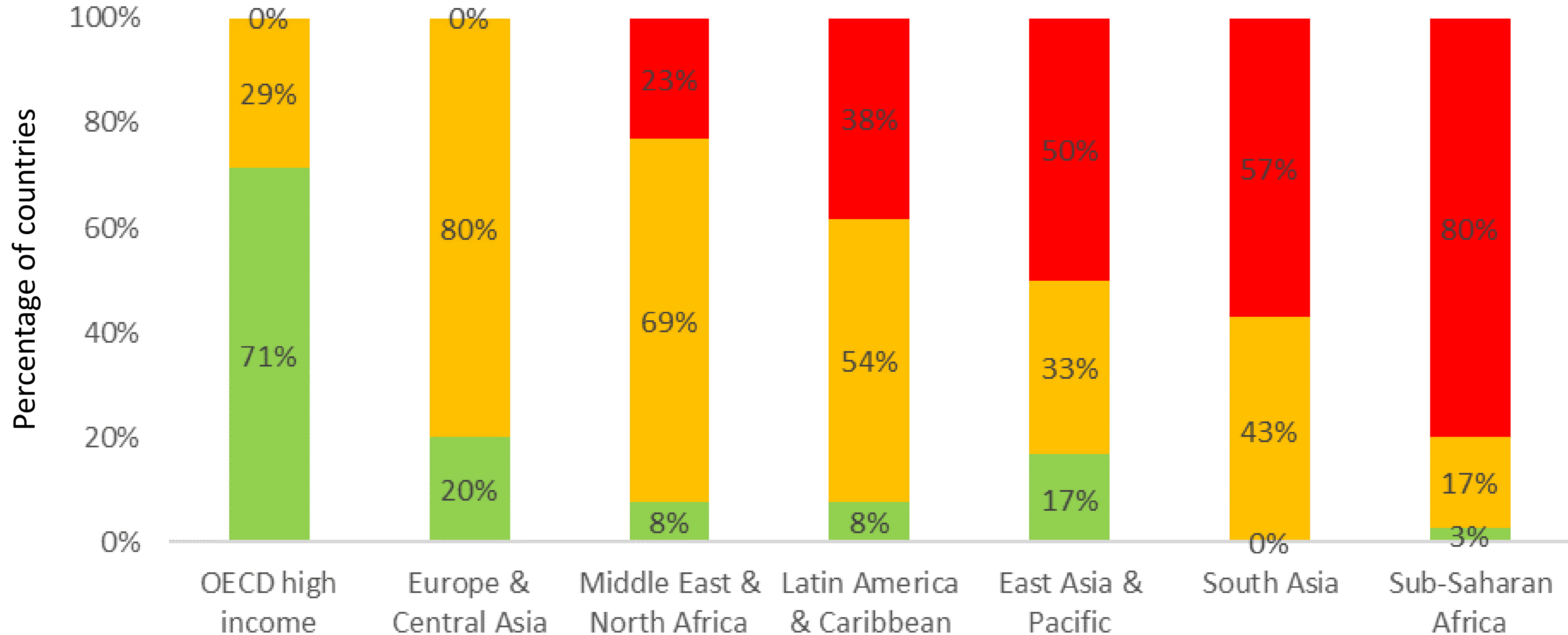


Drilling down by geography





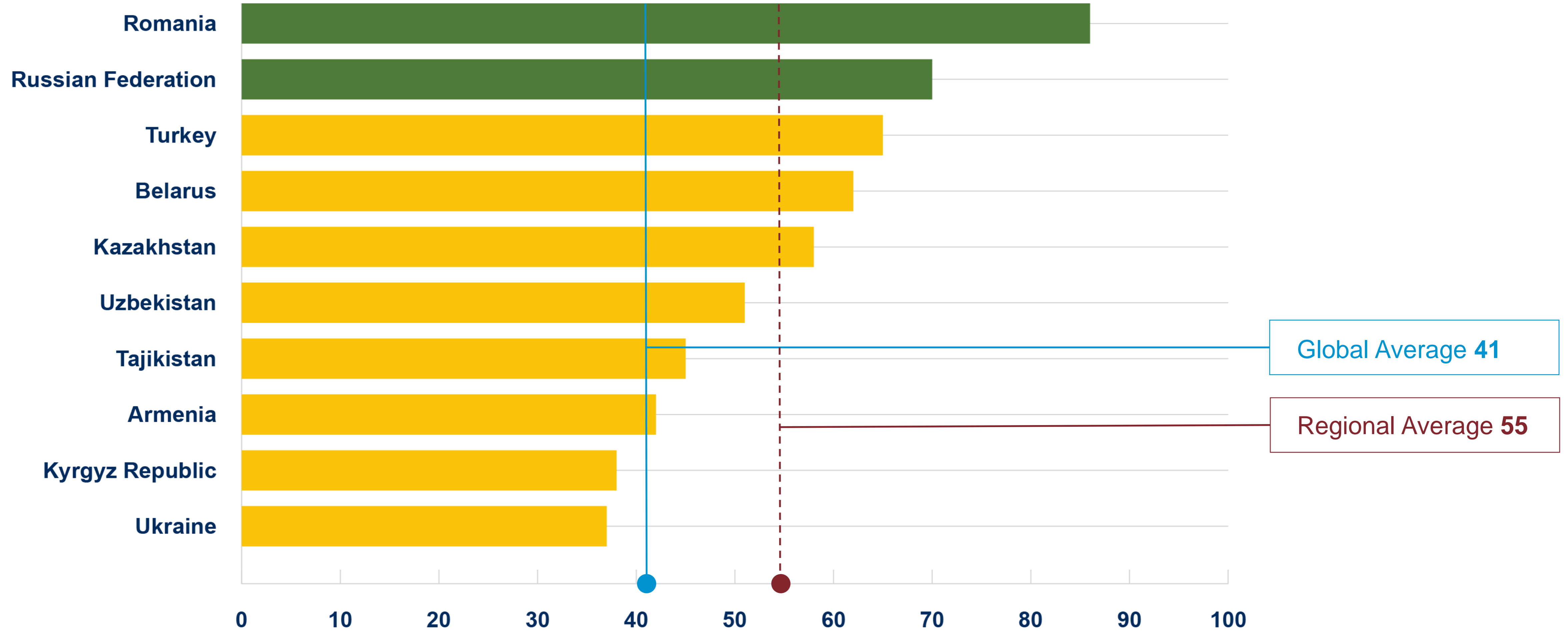
# Energy Efficiency Scores Differ Markedly Across Geographic Regions

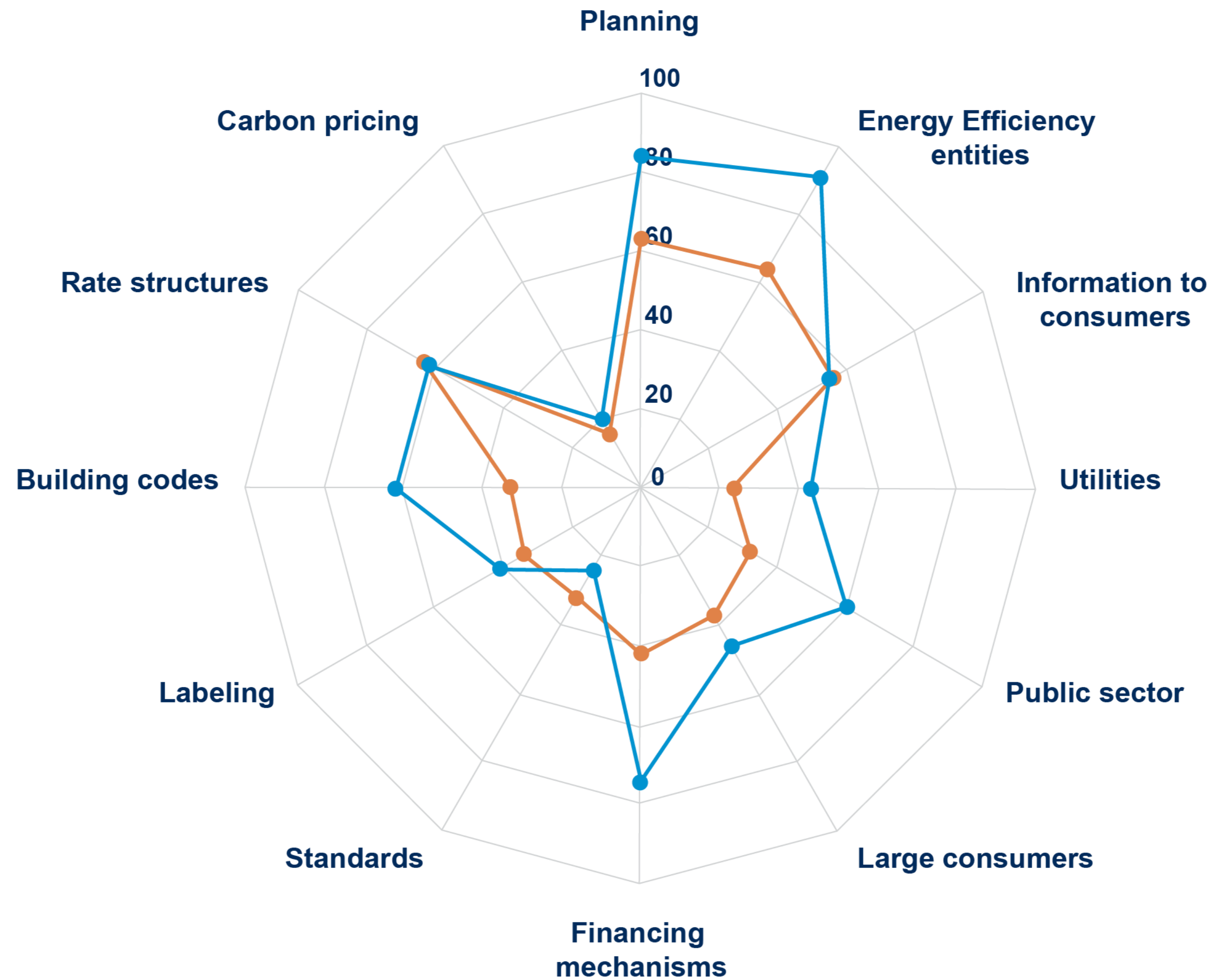






# Europe & Central Asia: Energy Efficiency Country Scores





● Europe & Central Asia

● Global Average



What is RISE?



## Scores

Compare across countries



## Downloads

Read RISE report



## Tunisia

Overall Score

73

100

ENERGY ACCESS

69

ENERGY EFFICIENCY

50

RENEWABLE ENERGY



Go to country reports



 [Navigation Guide](#)



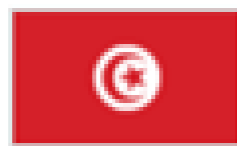
## Maps

View scores worldwide



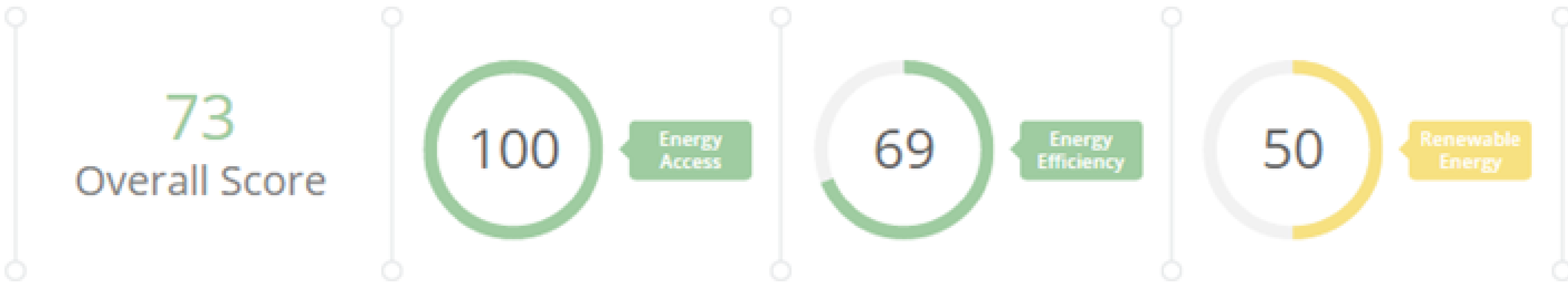
## Launch Event

Watch live stream



Tunisia

Region	Middle East & North Africa
Income Group	Upper middle income
GNI Per Capita (\$US)	3,970
Population	11,107,800
Major Business City	Tunis



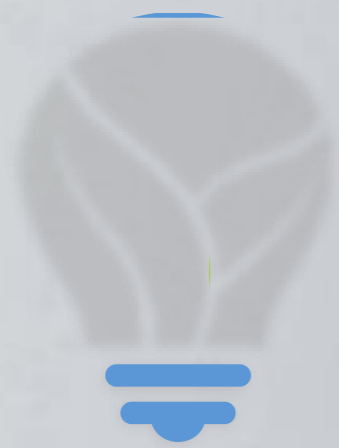
Indicators

- Energy Efficiency
- Renewable Energy

1	National energy efficiency planning	92	▼
2	Energy efficiency entities	100	▼
3	Information provided to consumers about electricity usage	50	▼
4	EE incentives from electricity rate structures	74	▼
5	Incentives & mandates: large consumers	72	▼
6	Incentives & mandates: public sector	100	▼
7	Incentives & mandates: utilities	33	▼
8	Financing mechanisms for energy efficiency	83	▼
9	Minimum energy efficiency performance standards	75	▼
10	Energy labeling systems	83	▼
11	Building energy codes	60	▼
12	Carbon Pricing	0	▼

■ Score : 67-100   ■ Score : 34-66   ■ Score : 0-33

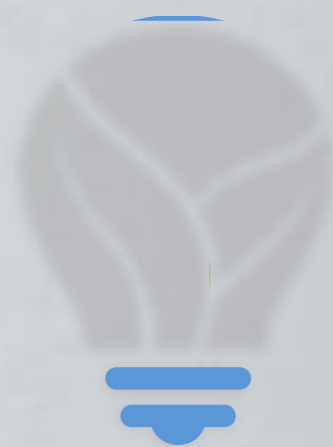
**RISE**



Learn more at our website:  
[www.rise.worldbank.org](http://www.rise.worldbank.org)



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# Regulatory Indicators for Sustainable Energy

## A Scorecard for Policy Makers