

# Which Countries Need to be Around the Summit Table for Climate Change and Energy Security?

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## Threshold: 2% of global GDP or Population

Bangladesh
Brazil
Canada
China
France
Germany
India
Indonesia
Italy
Japan
Nigeria
Pakistan
Russia
Spain
UK
US
TOTAL (16)
72% GDP
65% POPULATION

# Who Caused the Problem?

Cumulative Emissions
United States
China
Russia
India
Japan
Germany
Brazil
Canada
UK
Italy
Mexico
South Korea
France
Indonesia
Australia
Ukraine
Iran
South Africa
Spain
Poland

# Who Will be Most Affected?

## Largest Population in Low Elevation Coastal Zones

China

India

Bangladesh

Vietnam

Indonesia

Japan

Egypt

United States

Thailand

Philippines

# Who Can do Something About it?

Total CO2 Emission from Energy Consumption (2006)
China
United States
Russia
India
Japan
Germany
Canada
United Kingdom
South Korea
Iran
Italy
South Africa
Mexico
Saudi Arabia
France
Australia
Brazil
Spain
Ukraine
Poland



Can decrease future energy consumption.

GDP PPP (2008)
United States
China
Japan
India
Germany
UK
Russia
France
Brazil
Italy
Mexico
Spain
Canada
South Korea
Indonesia
Turkey
Iran
Australia
Taiwan
Netherlands



Have financial Resources to Invest in mitigation and adaptation.

<b>Largest Total Forest Cover</b>	<b>Landmass</b>
Russia	Russia
Brazil	Canada
Canada	United States
United States	China
China	Brazil
Australia	Australia
Congo (Dem. Rep)	India
Indonesia	Argentina
Peru	Kazakhstan
India	Sudan
Sudan	Algeria
Mexico	Congo (Dem. Rep)
Columbia	Greenland
Angola	Mexico
Bolivia	Saudi Arabia
Venezuela	Indonesia
Zambia	Libya
United Republic on Tanzania	Iran
Argentina	Mongolia
Myanmar	Peru

# Additional Proxy Indicators



- Intellectual resources
  - Quality of education
  - Patents
  - Venture Capital
- Trade or Investment
- Compliance
  - Military Expenditure
  - Government Efficiency

# 综合国力 (zōnghé guó lì) “comprehensive national power”

2010	2020
United States	Japan
Japan	United States
Germany	Germany
France	France
Italy	Italy
Russia	South Korea
England	China
China	England
South Korea	Russia
Canada	Canada
Brazil	Brazil
Australia	Australia
India	India
Mexico	Mexico
Indonesia	Indonesia
South Africa	South Africa
Egypt	Egypt