

Armenia

Trilemma Rank  
# 54

Trilemma Score  
67.4

Balance Grade  
CBB

Armenia ranks 54th globally, with stronger performance in Sustainability and Equity, and room for improvement in the Security dimension. Armenia has greatly increased in Sustainability since 2000, this is due to improved energy efficiency and an increase in low carbon electricity generation. Equity has slightly dipped since 2010 but remains strong. Armenia achieves a balance grade of CBB.

Population  
2.9 (millions)

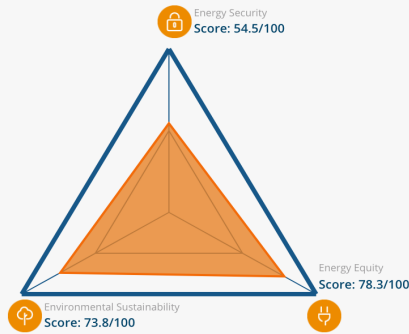
Land Area  
28.5 (thousand sq. km)

GDP Per Capita  
4,212 (PPP US\$)

Industrial Sector  
25.0 (% of GDP)

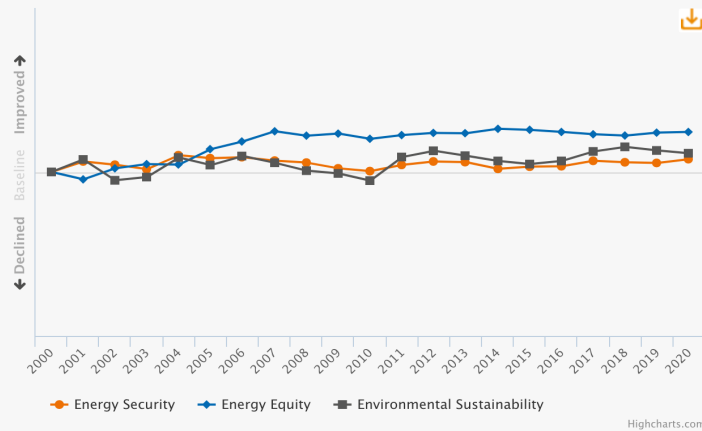
GDP Growth  
5.2 (annual %)

Balance



Historical Trilemma Scores

Trend lines track the country's performance in each dimension, beginning with a baseline of 100 in the year of 2000



Trends and Outlook

Armenia's energy sector has moved from a severe crisis in the early 1990s to relative stability. Despite productive and successful reforms, Armenia's energy sector still faces essential challenges, namely: the need to maintain energy supply reliability and the need to maintain affordable tariffs. To deal with these challenges, the government has recently adopted several laws focused on developing domestic, especially renewable, energy resources and widespread implementation of energy efficiency measures.

By 2025, Armenia is aiming to generate more than a quarter of its domestic power needs from renewable energy sources. Solar energy has been developing in Armenia over the past years. Nine photovoltaic power plants with a total installed capacity of over 7 MW have been put into operation. In addition, in 2019, the Masdar, the Abu Dhabi-based energy company announced its plans to deploy 400 MW of solar and wind capacity in the country.

Key metrics

Metrics are determined relative to other countries, with a full bar representing a score of 100.

|                                     | 2020 Performance | Trend 2010-20 |
|-------------------------------------|------------------|---------------|
| <b>Energy security</b>              |                  |               |
| Import dependence                   | Progress bar     | ▲             |
| Diversity of electricity generation | Progress bar     | ▲             |
| Energy storage                      | Progress bar     | ▶             |
| <b>Energy equity</b>                |                  |               |
| Access to electricity               | Progress bar     | ▲             |
| Electricity prices                  | Progress bar     | ▼             |
| Gasoline and diesel prices          | Progress bar     | ▲             |
| <b>Environmental sustainability</b> |                  |               |
| Final energy intensity              | Progress bar     | ▼             |
| Low carbon electricity generation   | Progress bar     | ▼             |
| CO2 emissions per capita            | Progress bar     | ▼             |
| <b>Country context</b>              |                  |               |
| Macroeconomic stability             | Progress bar     | ▲             |
| Effectiveness of government         | Progress bar     | ▲             |
| Innovation capability               | Progress bar     | ▲             |