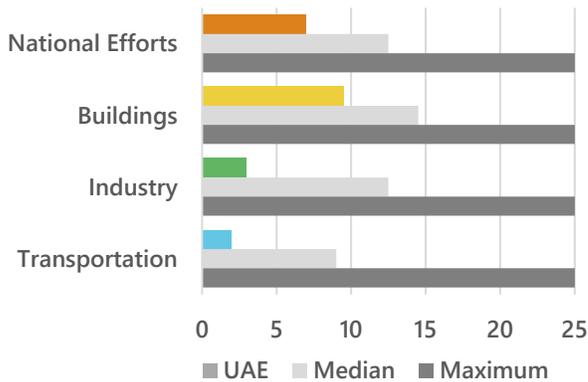
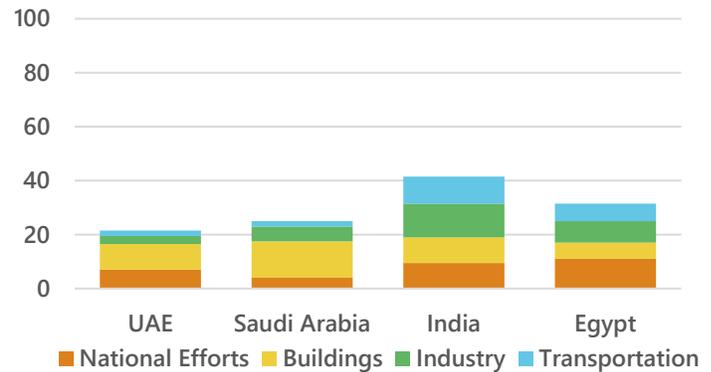


UAE in the 2022 International Scorecard



How does the UAE compare to other countries in Asia and North Africa?



NATIONAL EFFORTS



The United Arab Emirates (UAE) has a goal to improve energy efficiency 40% by 2050 according to the 2017 UAE State of Energy report. Nevertheless, the country has yet to implement the required policies to achieve said goal. We could not find information regarding the size of the UAE's investments in energy efficiency programs or R&D, nor could we confirm the existence of any tax incentives or loan guarantees to promote energy-efficient technologies in this country. The energy intensity of the UAE remains high and its thermal power plants are among the least efficient of all the countries analyzed.

BUILDINGS



The UAE scored 9.5 points for building efficiency. A few emirates have implemented building performance codes for residential and commercial buildings. The nation could adopt these codes on a national level and could improve them by introducing additional requirements beyond thermal efficiency. The UAE currently has 10 appliance groups covered by energy performance standards (MEPS) and 10 appliance groups covered by mandatory labels; however, the UAE could increase the number of appliance groups covered by both MEPS and mandatory labeling. The country could also improve building efficiency by mandating efficiency requirements and requiring all buildings to comply with building rating and disclosure requirements.

INDUSTRY



Efforts to improve efficiency in the industrial sector currently exist. The government provides for voluntary agreements with manufacturers to improve energy efficiency. Nevertheless, the energy intensity of the country's industrial sector remains high. The UAE could greatly benefit from establishing mandates for energy managers and audits, and policies related to energy management systems. Providing incentives for the deployment of combined heat and power technologies could also prove to be a powerful tool to improve the efficiency of the UAE's industrial sector.

TRANSPORTATION



The United Arab Emirates was the lowest scoring country in the transportation section. This was mostly due to the lack of verifiable data. Out of all the metrics analyzed in this section, we could find information only for vehicle miles traveled and fuel economy for light-duty vehicles. The country has a relatively high VMT per capita of 4,978. The UAE's score would benefit from increased data availability.