

United arab emirates reduced carbon emissions

The UAE Net Zero by 2050 strategic initiative is a national drive to achieve net-zero emissions by 2050, making the Emirates the first Middle East and North Africa (MENA) nation to do so. The initiative aligns with the Paris Agreement, which calls on countries to prepare long-term strategies to reduce greenhouse gas (GHG) emissions and limit the rise in global temperature to 1.5 C compared to pre-industrial levels.

In the selection box above you can also add or remove additional countries and they will appear on all of the charts on this page. This allows you to compare specific countries you might be interested in, and measure progress against others.

This interactive chart shows cumulative CO2 emissions - the sum of emissions produced since 1751 to the given year. This allows us to understand how much of the total CO2 emissions to date has been emitted by a given country.

When countries set targets, measure or compare CO2 emissions, they tend to focus on production-based emissions - CO2 emitted within a country"s own borders. However, this fails to capture emissions from traded goods - the CO2 emitted in the production of goods elsewhere, which are later imported (or the opposite: emissions from goods that are exported).

We can estimate consumption-based CO2 emissions by correcting for trade. These emissions are shown in the interactive chart. Note that the resolution of data needed to calculate this is not available for all countries.

Looking at a country"s annual emissions is useful, but it can be hard to put these numbers in context of the global total. Is 10 million tonnes of CO2 large or small; what about 100 million; or 1 billion tonnes?

This interactive chart shows the breakdown of annual CO2 emissions by source: either coal, oil, gas, cement production or gas flaring. This breakdown is strongly influenced by the energy mix of a given country, and changes as a country shifts to or from a given energy source.



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