

Our world faces a dual challenge: meeting growing demand for energy while reducing environmental impacts, including the risks of climate change. ExxonMobil is committed to doing our part.

Society wants lower emissions.
To meet global energy demand while also reducing energy-related emissions, society needs more access to affordable and reliable lower-carbon energy, and technologies and products that are more energy efficient.

The world needs more energy.
By 2040, global energy demand is projected to increase more than 20%. A few key factors are contributing to this growth.

Population growth
The world's population will likely reach about 9.2 billion people by 2040, up from 7.6 billion today.

Energy inequality
Even today, nearly 1 billion people lack access to electricity, which impacts their income, education and health.

Growing middle class
Rising incomes, particularly in developing nations, will help create the largest expansion of the global middle class in history, from 3 billion to more than 5 billion by 2030.

Lower-carbon energy
The world is gradually shifting to lower-carbon fuels like natural gas and renewables (e.g., biofuels, wind and solar). Investments in emissions-reducing technologies such as carbon capture and storage will also be critical.

Making progress
Global energy-related CO₂ emissions are projected to peak by 2040, even as populations and economies continue to grow. Despite this progress, breakthrough technologies are needed to meet targets set by international accords such as the Paris Agreement.

New energy consumers
More middle-class consumers will mean increased demand for homes, cars, electricity, goods and services — and the energy to power them all.

Energy efficiency
New technologies and products, such as modern appliances, advanced building materials and fuel-efficient vehicles, will help society use less energy.

