

Decarbonizing Energy: From A to Zero

The race to decarbonize the oil and gas industry, and embrace a positive energy future, is on.

We call it positive energy.



The 2015 Paris Agreement. Calls from environmental activists, consumers, regulators and investors to eliminate emissions. Dwindling demand growth. Overabundant oil and gas supplies. Lackluster shareholder returns.

Together, these factors have created an existential crisis for the oil and gas industry. Survival means curbing the emissions trajectory to net-zero by 2050. To thrive in the new low-energy landscape, requires radical changes.

Starting now.



Energy-related CO₂ emissions = ~40 GT/year

65%

65 percent of these emissions, about 26 GT/year, is related to oil and gas.

20%

20 percent of the industry's CO₂ emissions are from extraction, processing, transportation and refining activities.

80%

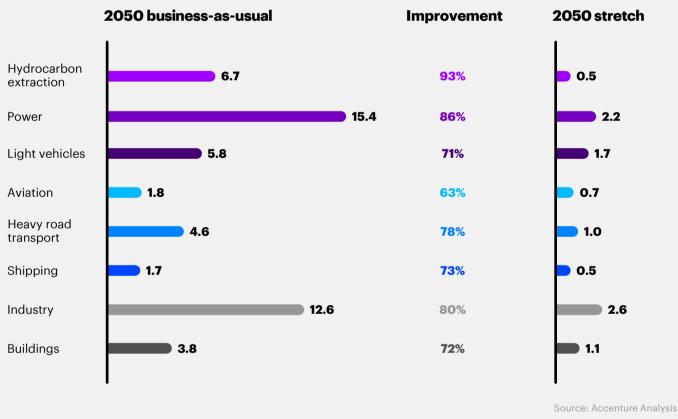
80 percent are released at the point of consumption.

Destination decarbonization

Accenture has created a "stretch case" scenario demonstrating what we believe is possible, realistic and within reach. Only by architecting actions in the eight most energy-dependent sectors can oil and gas companies hope to mitigate emissions.

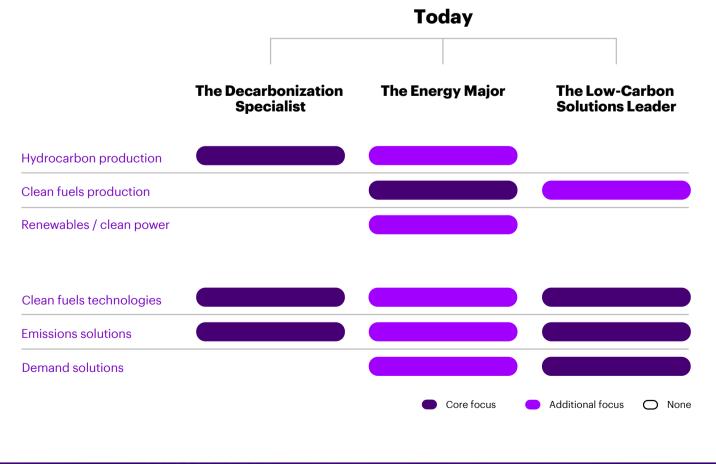


Shifts to reduce emissions from 2050 business-as-usual to 2050 stretch



The archetypes: Three future power plays Looking to the low-carbon future, we believe there are three—

and only three—archetypal roles that oil and gas companies can play during the Decarbonization Transition and beyond.



Are you ready to make the move to a positive energy future?

www.accenture.com/DecarbonizingEnergy