The Decarbonization Specialist

- The Energy Major
- The Low-Carbon Solutions Leader

Today

- Hydrocarbon extraction
- Power
- Light vehicles
- Aviation
- Heavy road transport
- Industry
- Buildings

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.

Catalysts for change


Together, these factors have created an existential crisis for the oil and gas industry. By 2050, emissions from the current business-as-usual scenario are expected to be 93% of 2015 levels.

60 percent of these emissions, about 24 Gt/year, are related to oil and gas.

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

80 percent are released at the point of consumption.

We call it positive energy.

Energy-related CO₂ emissions = ~40 Gt/year

65% 20% 80%

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.

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

Decarbonizing Energy: From A to Zero

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

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www.accenture.com/DecarbonizingEnergy