Reducing carbon, fueling growth: Lowering emissions in the chemical industry

**KEY TAKEAWAYS**

01 The chemical industry is crucial in building a sustainable global economy. However, the industry emits more than two gigatons of greenhouse gas emissions per annum globally.¹

02 To accelerate their pace of lower-carbon innovation, chemical and material producers will need to embrace new technologies, get closer to end markets, and take a lead role in working within—and across—value chains to deliver lower-carbon products and solutions.

03 Lowering carbon emissions is not only a challenge but also an opportunity, potentially opening pathways for chemical companies to capture additional value.

04 Demand for more sustainable products is increasing as chemical customers look to achieve their environmental, social, and governance ambitions.

05 To take advantage of this opportunity, chemical companies should actively work within their supply chains and with end-market customers to ensure their offerings are positioned to support sustainability targets.

06 Achieving net-zero emissions across the chemical value chain will require not only capital investment and business transformation but also new types of partnerships with key stakeholder groups.