

Climate tech

Organizations see a substantial role for climate tech in addressing the climate and ecological crisis



OF EXECUTIVES SAY THEIR ORGANIZATIONS WILL NOT ACHIEVE THEIR SUSTAINABILITY GOALS WITHOUT CLIMATE TECH

Source: Capgemini Research Institute, Climate Tech Survey, August–September 2023; N=1,350 organizations.

On average, executives expect climate tech to help their organizations achieve

57% of their decarbonization or net zero goals

*Estimate based on the perception of surveyed executives

Source: Capgemini Research Institute, Climate Tech Survey, August–September 2023; N=1,189 organizations that track the contribution of climate tech towards achieving their overall decarbonization or net zero goals.

Cost is a major obstacle for climate tech adoption



Source: Capgemini Research Institute, Climate Tech Survey, August–September 2023; N=1,350 organizations.

Digital technologies are key to accelerating adoption of climate tech and driving down costs



Source: Capgemini Research Institute, Climate Tech Survey, August–September 2023; N=1,350 organizations.

Despite the challenges, there are pockets of rapid progress

For technologies where the green premium has decreased significantly, such as solar PV and EVs, adoption of the technology is expected to accelerate. However, rapid progress is also expected in areas where green premiums remain significant (e.g., CCUS in the cement industry, SAF in the aviation industry, and low-carbon hydrogen in the steel and shipping industry).



Source: Capgemini Research Institute, Climate Tech Survey, August–September 2023, N=150 executives each from the energy and utilities, automotive and industrial machinery sectors; N=50 executives each from the food and beverages, aviation, shipping, construction, steel, cement, plastics, fertilizers, pulp and paper, glass, and non-ferrous metals sectors.

Actions to accelerate climate tech adoption



Source: Capgemini Research Institute analysis.



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