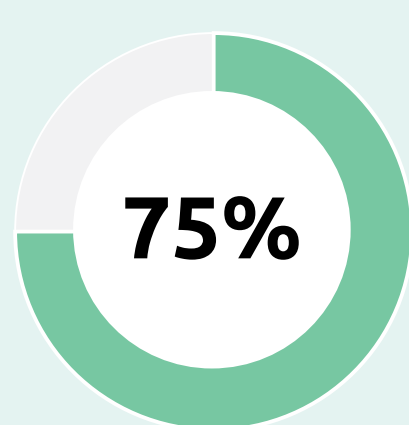


Climate tech

HARNESSING THE POWER OF TECHNOLOGY FOR A SUSTAINABLE FUTURE

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.

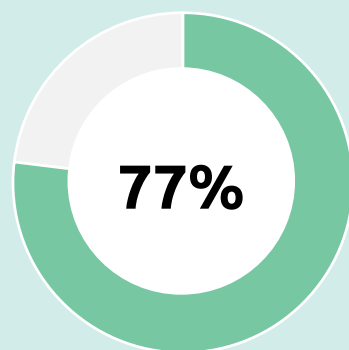
On average, executives expect climate tech to help their organizations achieve **37%*** of their decarbonization or net zero goals

*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

Most executives expect product costs to increase due to adoption of climate tech



of executives say that product costs are likely to increase due to climate tech adoption

Organizations are unwilling to accept a significant green premium for climate tech adoption

On average, the increase in product cost due to climate tech adoption or the "green premium" that organizations are willing to accept is

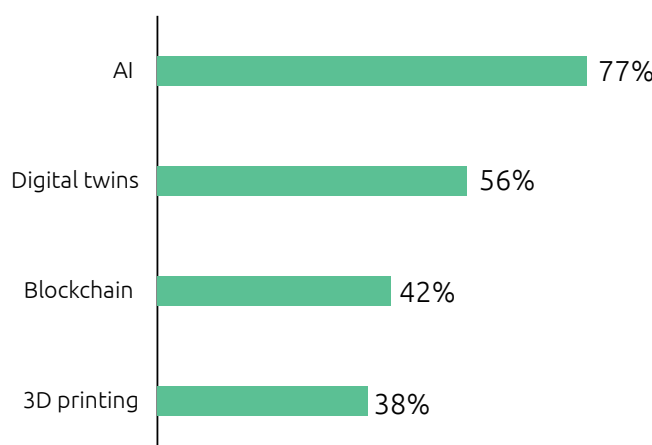
~9%

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

78% of executives say that data and digital technologies will play an important role in accelerating climate tech adoption

PERCENTAGE OF EXECUTIVES WHO SAY THE FOLLOWING TECHNOLOGIES WILL HAVE A HIGH IMPACT ON ACCELERATING THE ADOPTION OF CLIMATE TECH



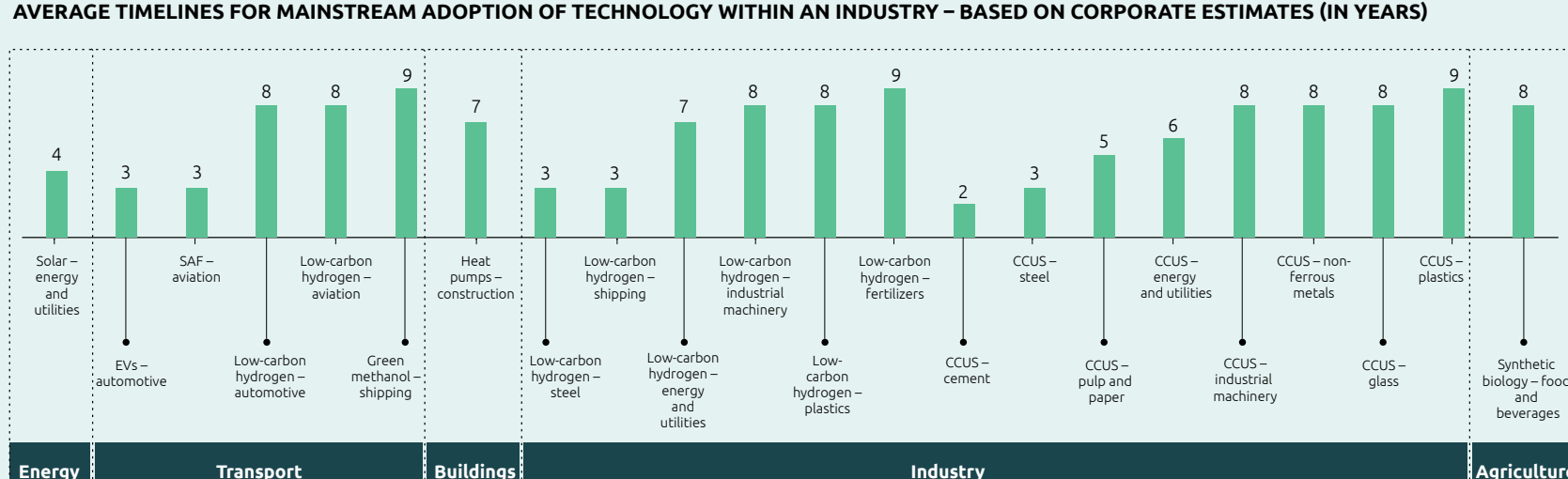
71% of organizations have already realized cost advantages from using digital technologies to scale the adoption of climate tech

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

Despite the challenges, there are pockets of rapid progress

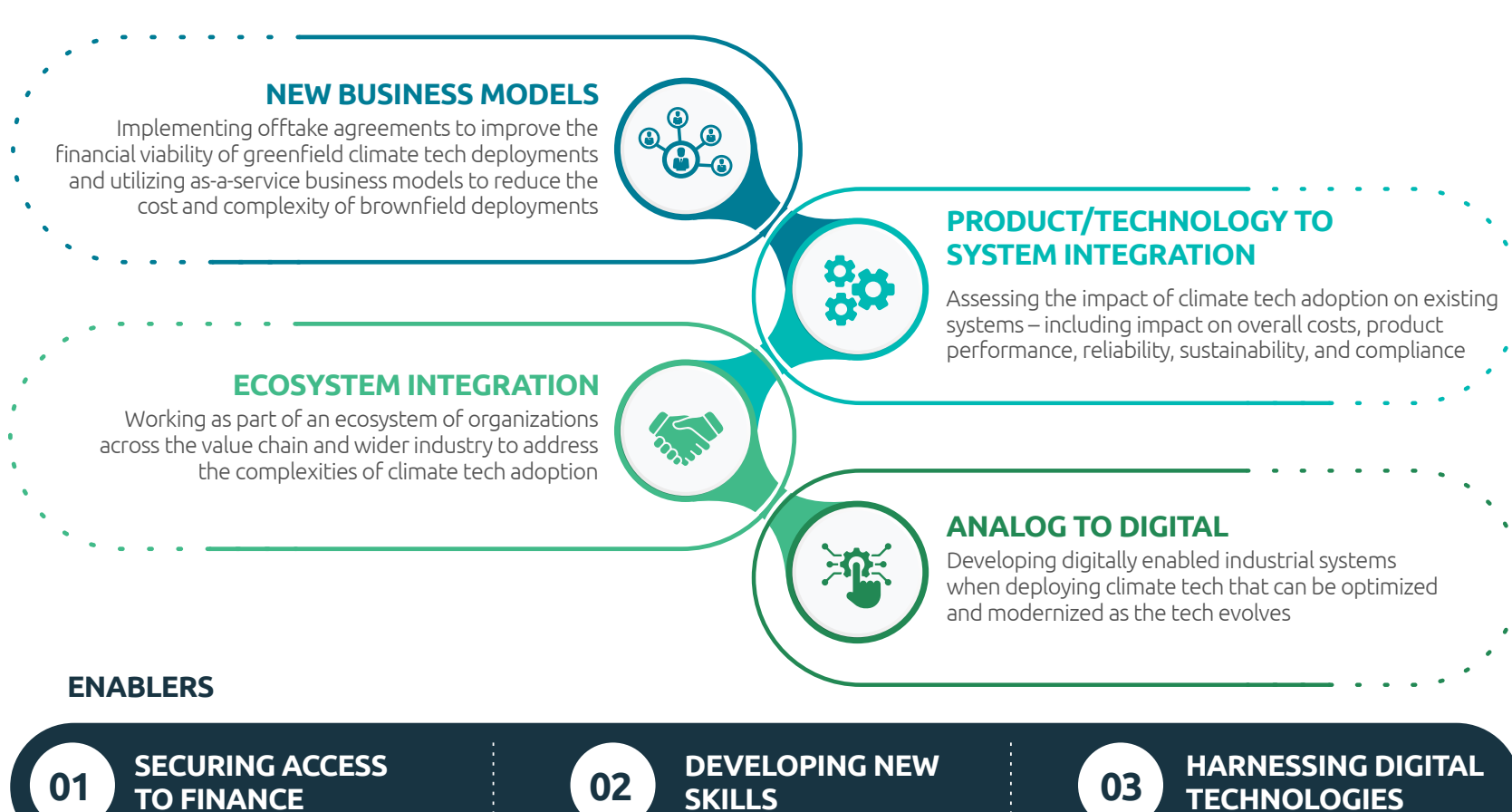
For technologies where the green premium has decreased significantly, such as solar PV and EVs, adoption of the technology is expected to accelerate. However, rapid progress is also expected in areas where green premiums remain significant (e.g., CCUS in the cement industry, SAF in the aviation industry,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

AVERAGE TIMELINES FOR MAINSTREAM ADOPTION OF TECHNOLOGY WITHIN AN INDUSTRY – BASED ON CORPORATE ESTIMATES (IN YEARS)



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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