

Smart factories @ scale

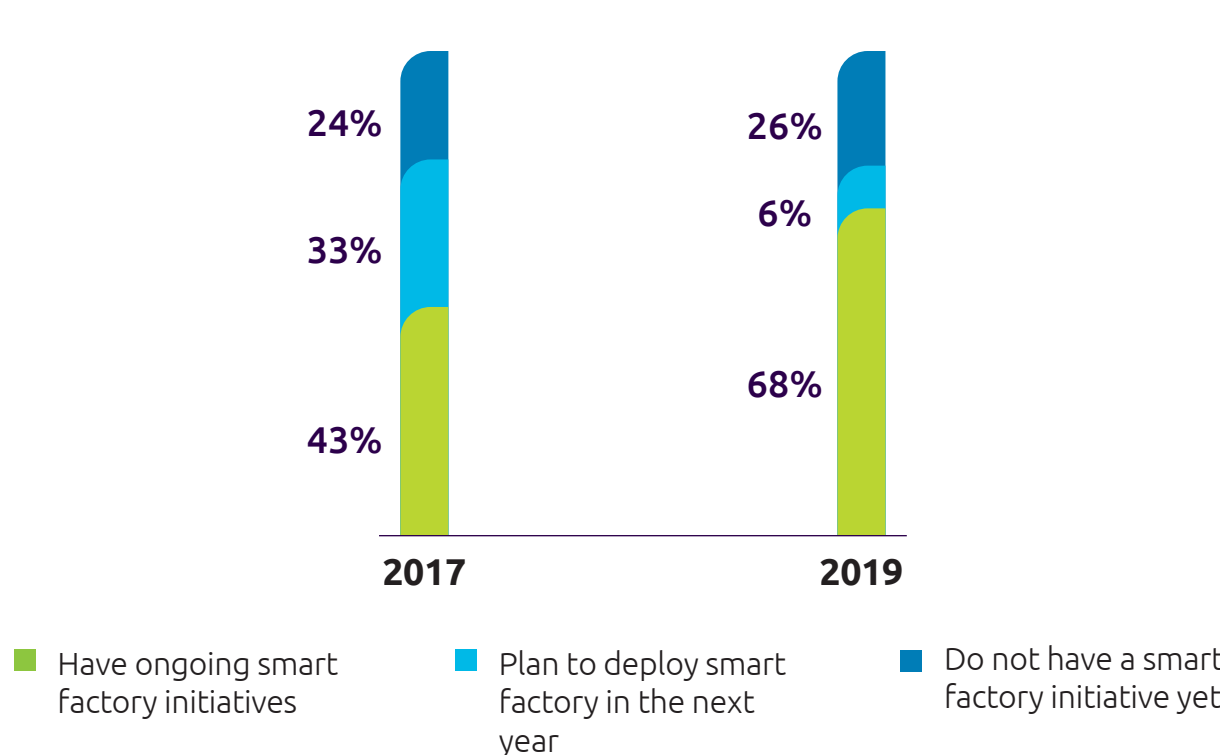
Seizing the trillion-dollar prize through efficiency by design and closed-loop operations



Organizations are showing an increasing appetite for smart factories

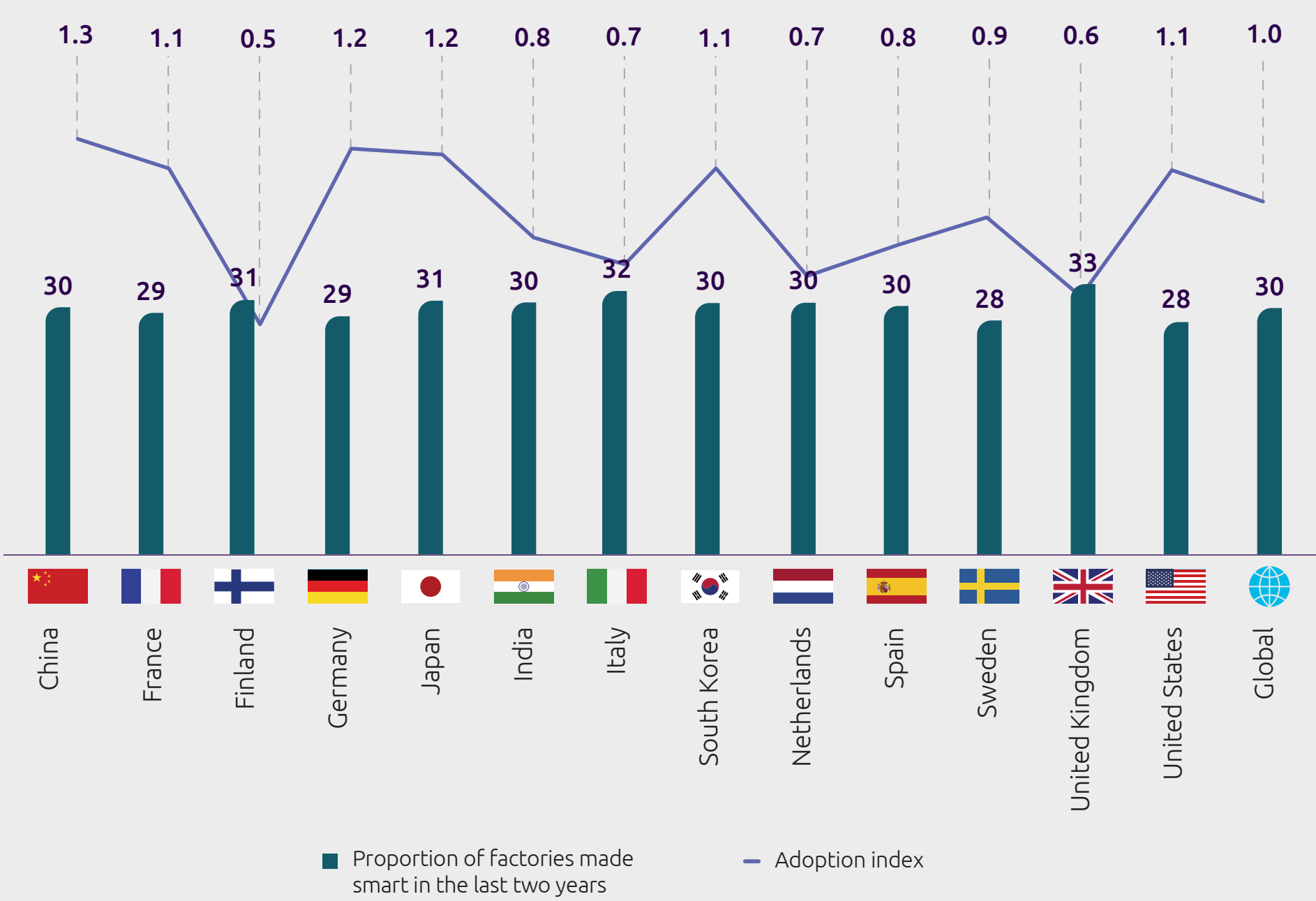
68% of manufacturers have ongoing smart factory initiatives, far more than the 43% in 2017

Percentage of organizations deploying smart factories - 2017 vs 2019



Source: Cappgemini Research Institute, Smart factory survey, April–May 2019, N=1,348 manufacturers.

China, Germany, and Japan are aiming to aggressively adopt smart factories in the next five years, closely followed by South Korea, the United States, and France



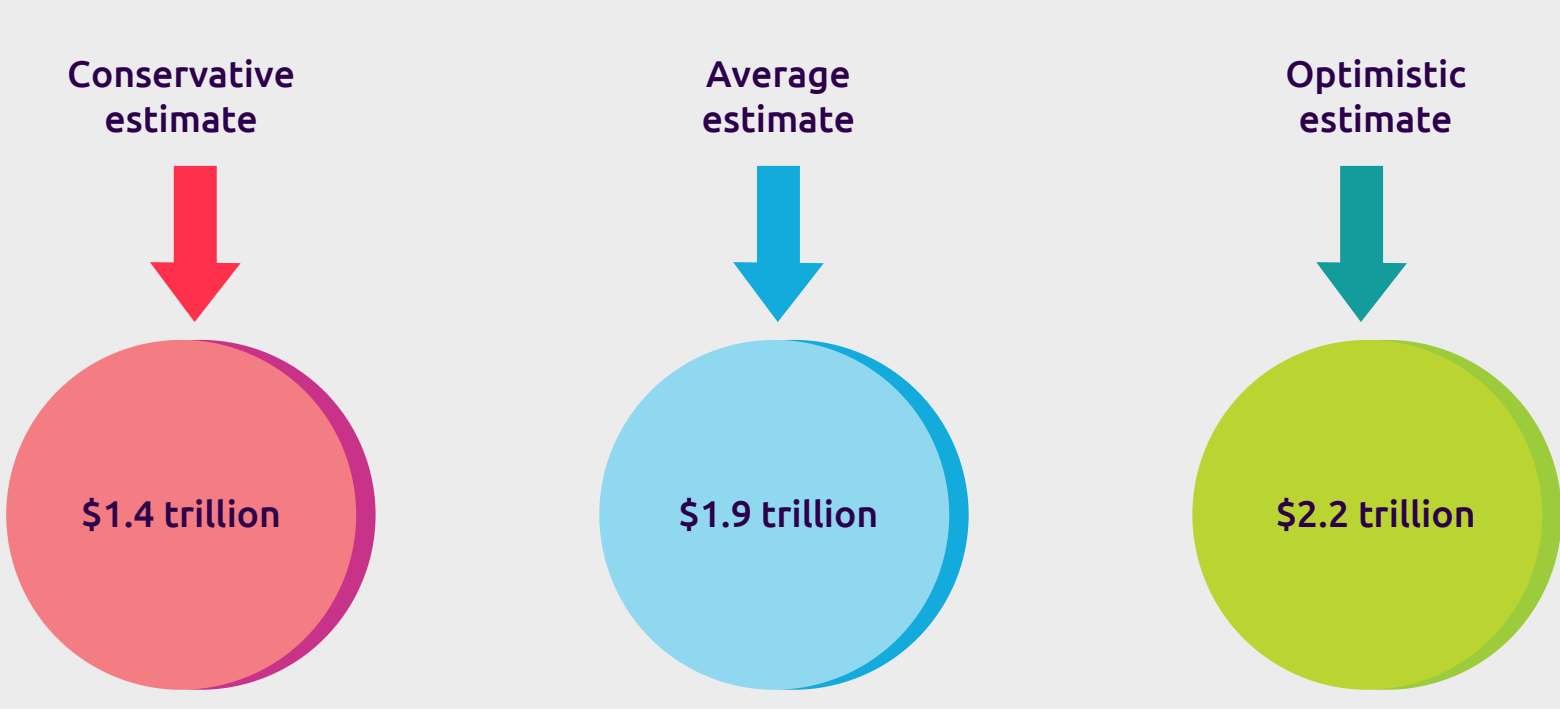
*The smart factory adoption index shows the future expansion plans. An index greater than one means that the country has a more aggressive expansion plan in the future compared to the average and vice-versa.

Source: Cappgemini Research Institute, Smart factory survey, April–May 2019, N=912 manufacturers.

Efficiency by design and closed-loop operations drive smart factory benefits equally

The economic potential of smart factories is bigger than ever

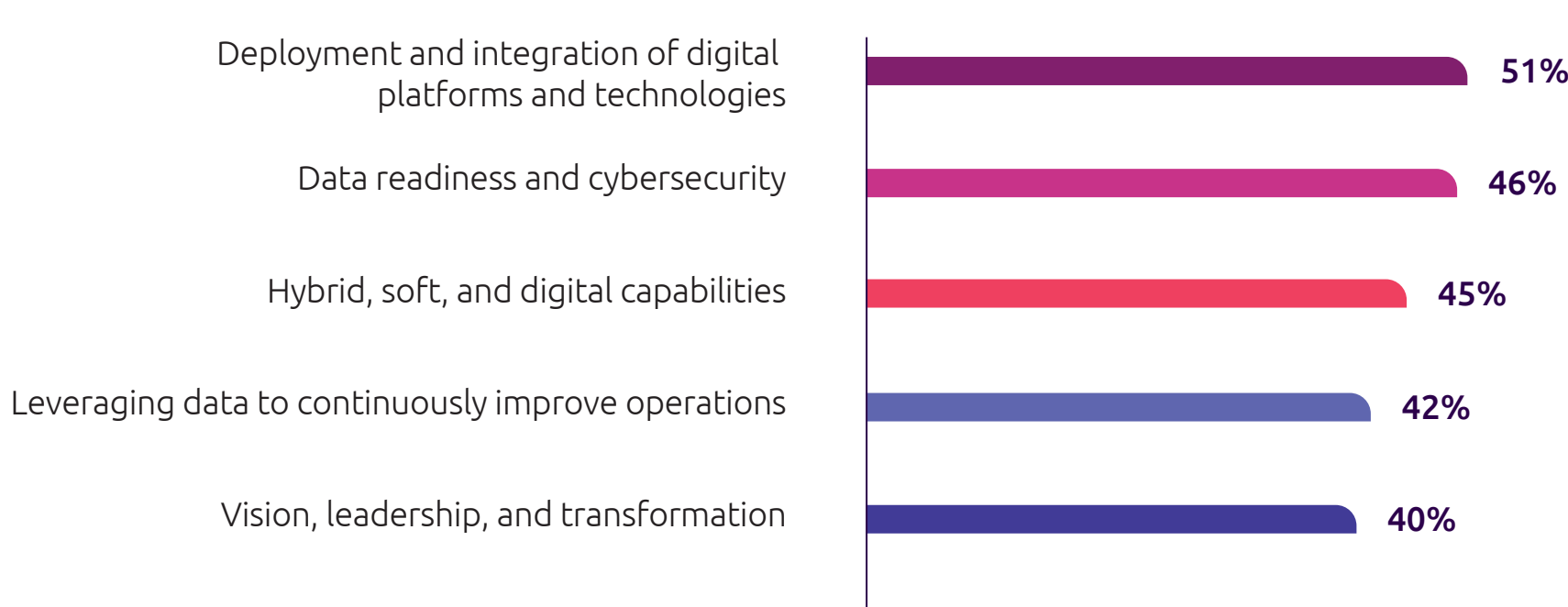
Expected additional value added by manufacturing industry due to productivity gain in smart factories by 2023



Source: Cappgemini Research Institute analysis.

However, challenges to scale remain

Major challenges faced by manufacturers in achieving performance at scale

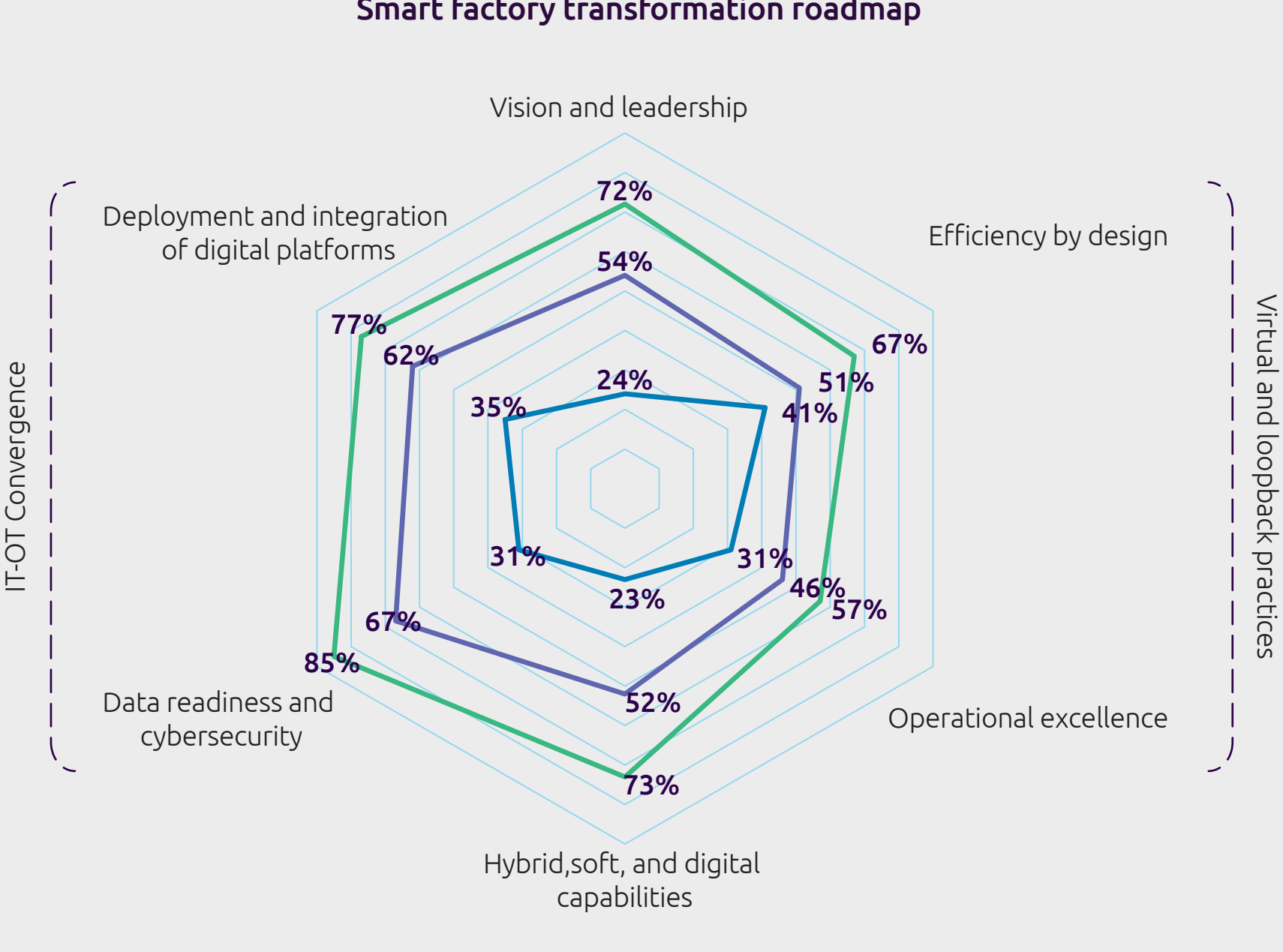


Source: Cappgemini Research Institute, Smart factory survey, April–May 2019, N=1,000 manufacturers.

A few organizations, though, have mastered this transformation

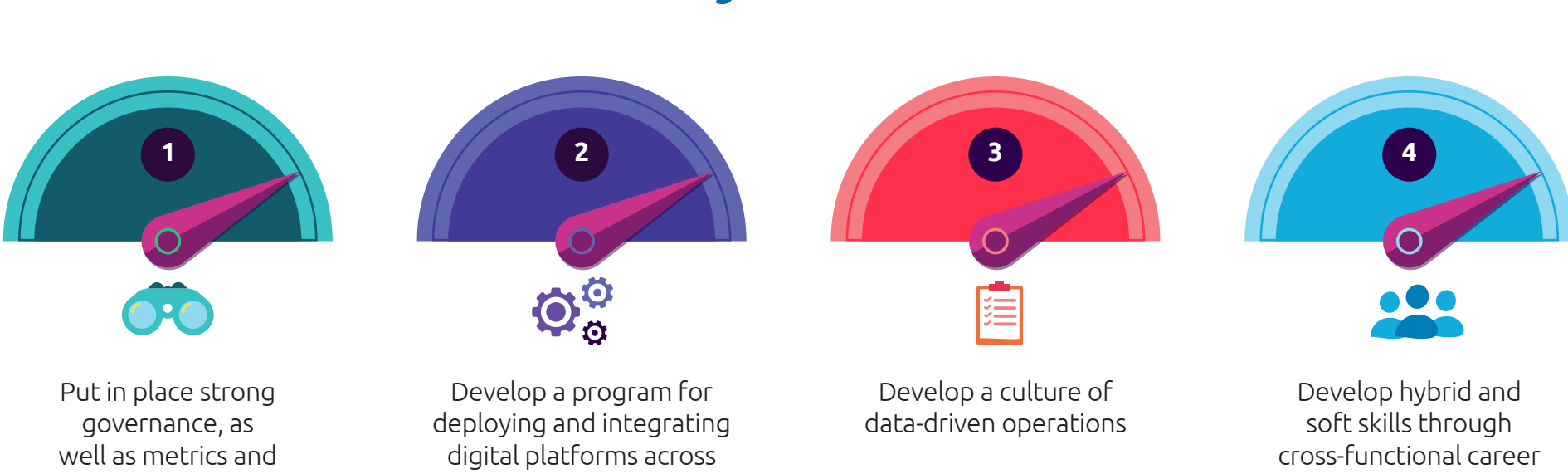
10% of organizations surveyed outperform others on all dimensions of smart factory transformation

Smart factory transformation roadmap



Source: Cappgemini Research Institute, Smart factory survey, April–May 2019, N=912 manufacturers, N=91 front runners.

How can organizations accelerate and secure their smart factory transformation?



Sources: Cappgemini Research Institute analysis.

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