

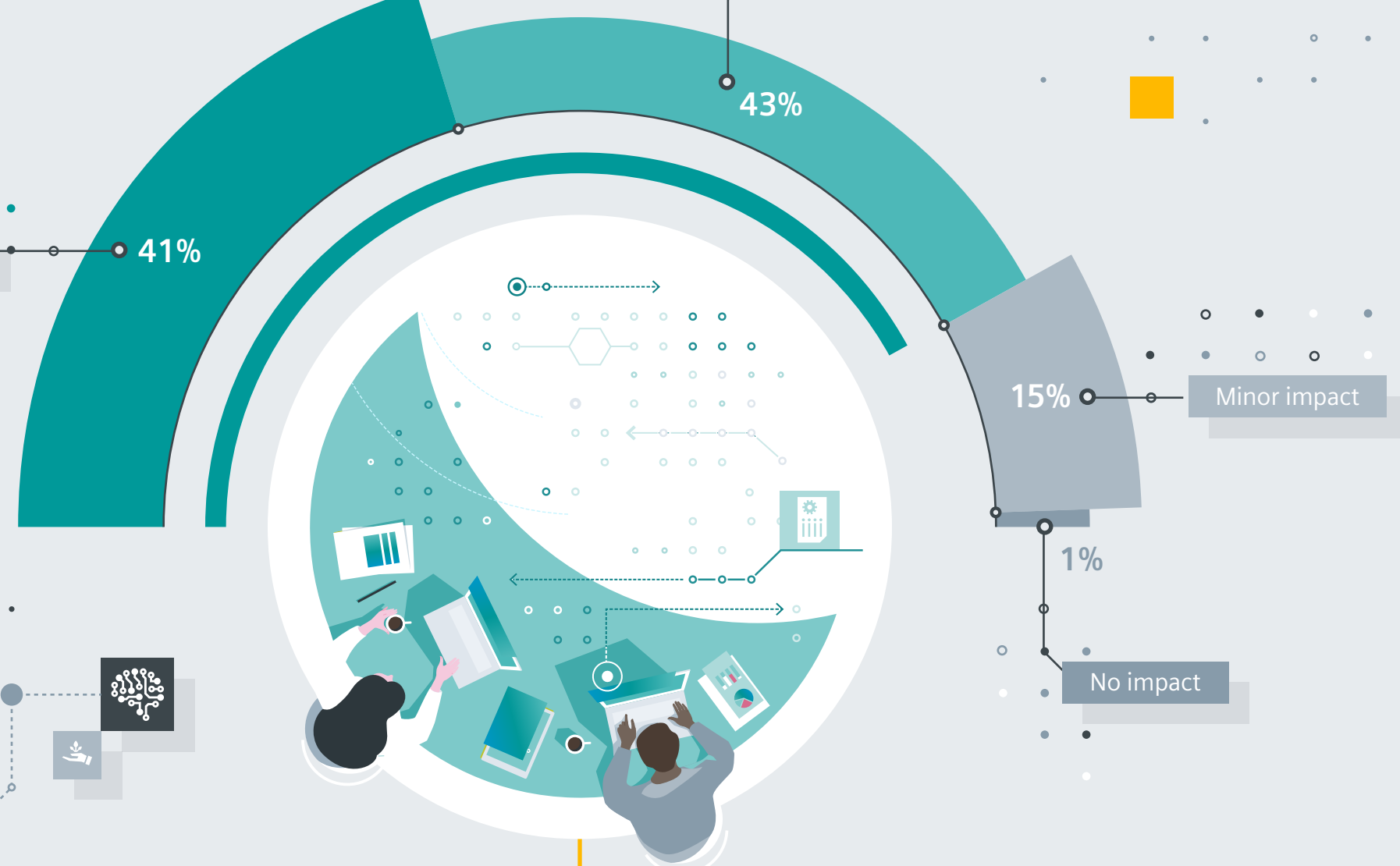
Prepared for take-off

Siemens' research indicates a rapid acceleration in AI-powered mobility insights, predictions and automation over the next three years.

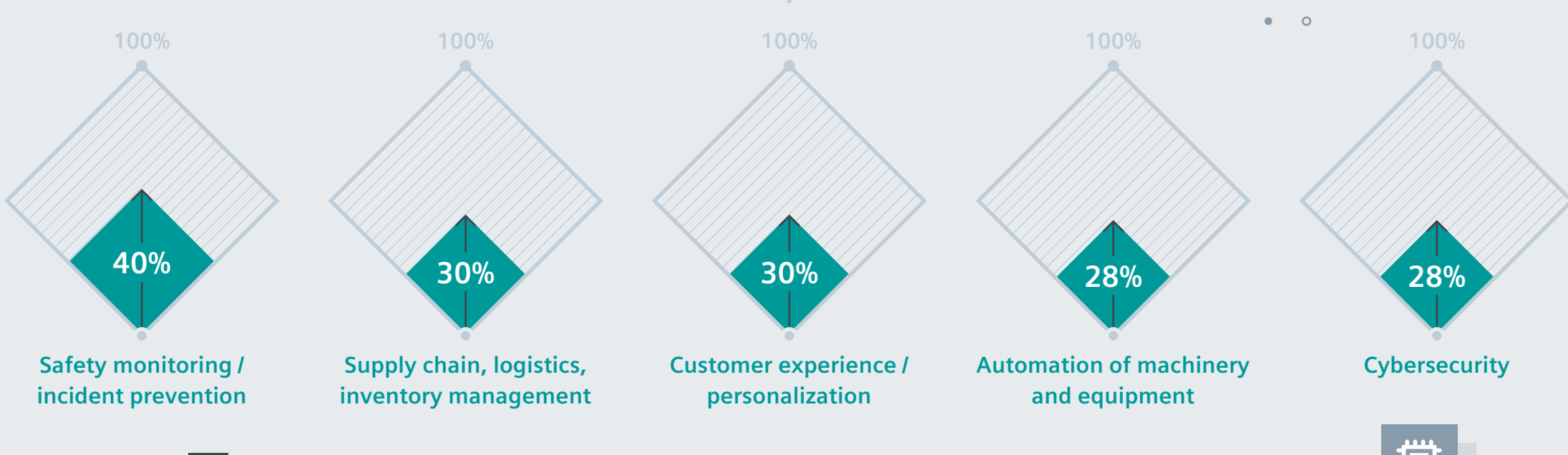
In 2030, we are likely to look back on the 10 years when artificial intelligence (AI) matured and proliferated through all modes of urban and inter-urban transport systems.

But the fastest expansion could be early in the decade. Our new research shows only modest benefits to date, but mobility organizations expect significant increases in these gains within just three years.

84% of executives from mobility organizations think AI will have a major or moderate impact on their organization's strategy over the next three years.

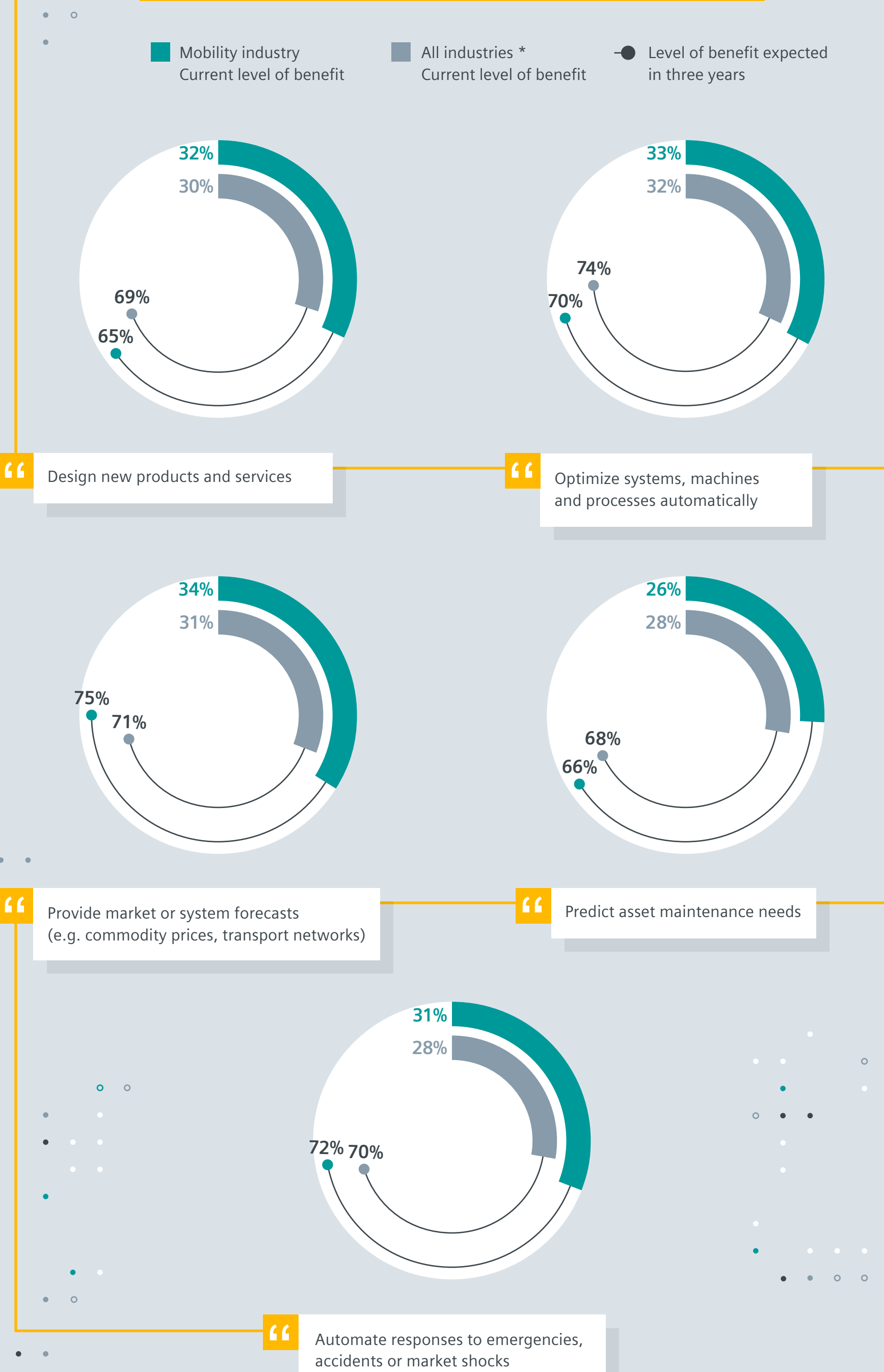


Top 5 areas where mobility organizations currently use AI.



Current benefits from various use cases, and benefits expected over the next three years.

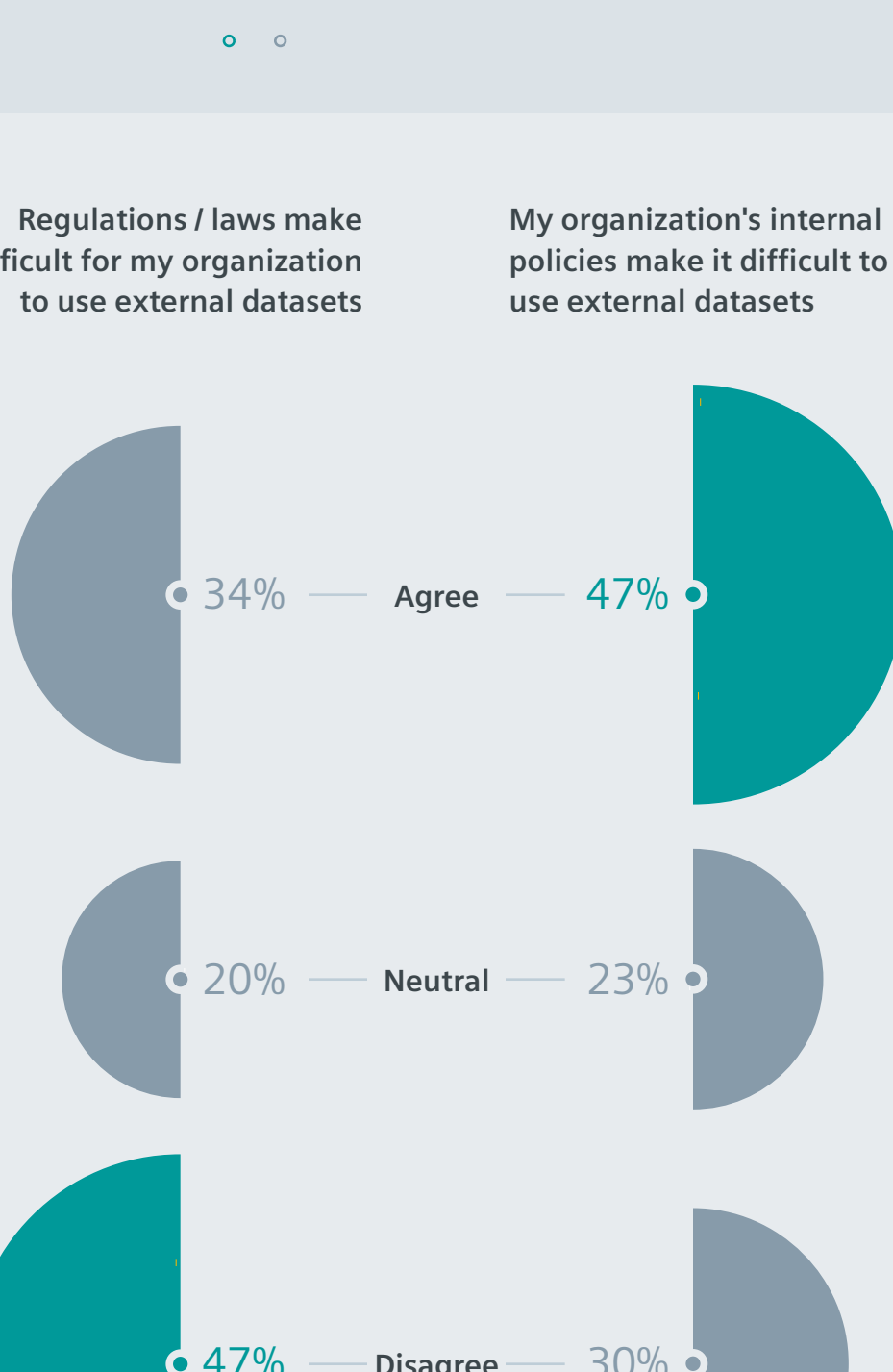
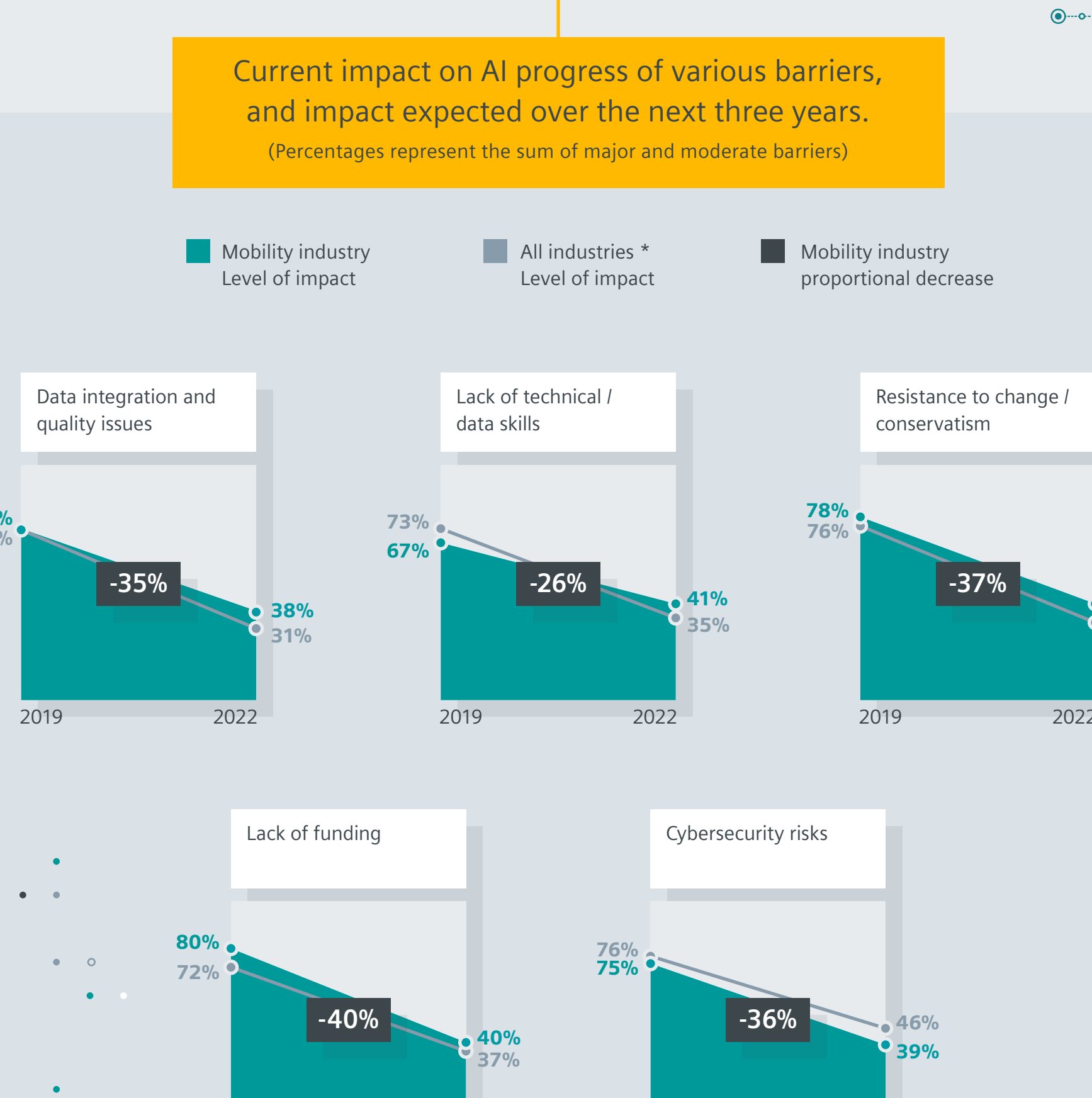
(Percentages represent the sum of major and moderate benefits)



At the same time, barriers to AI implementation are expected to fall sharply in significance. This includes everything from funding and skills to cybersecurity and access to data.

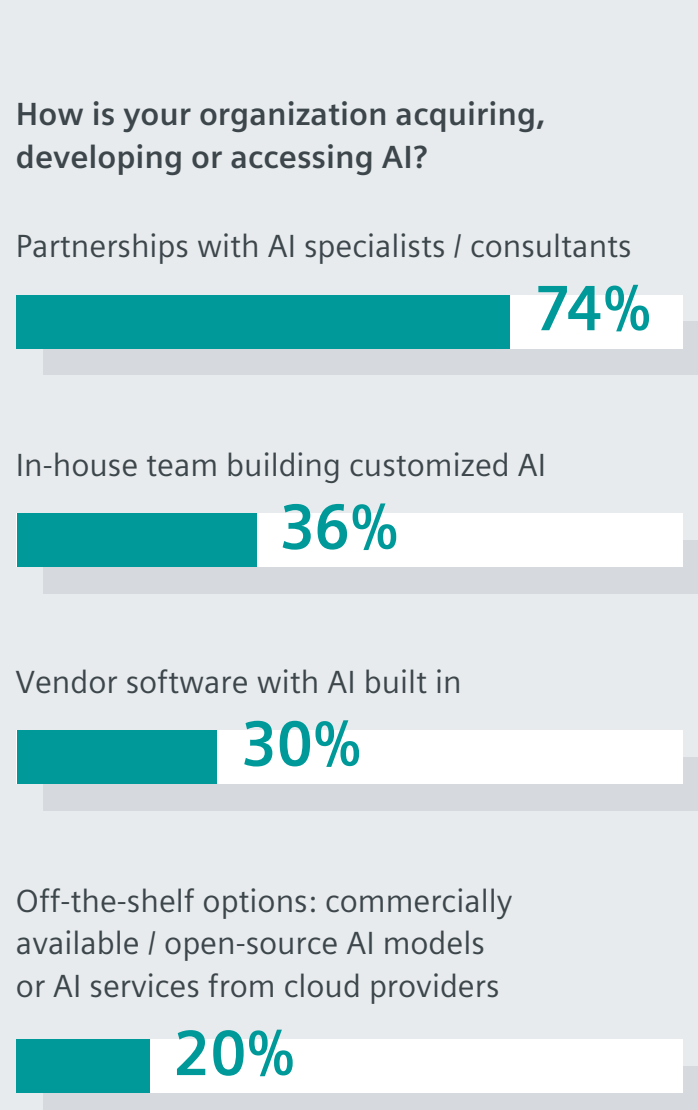
Current impact on AI progress of various barriers, and impact expected over the next three years.

(Percentages represent the sum of major and moderate barriers)



For mobility organizations, internal policies are a bigger obstacle to external datasets than regulations.

How is your organization acquiring, developing or accessing AI?



1 Better movement, exchange and control of data – within and beyond the organization's walls – will be crucial to developing new capabilities with AI.

Mobility companies are likely to continue developing and accessing AI in a variety of ways – from in-house teams to off-the-shelf solutions.

2 We will see AI embedded in mobility infrastructure, including autonomous assets and intelligent edge devices that drive instant optimisation as conditions change.

With these transformative innovations now within reach, AI is ready for take-off.