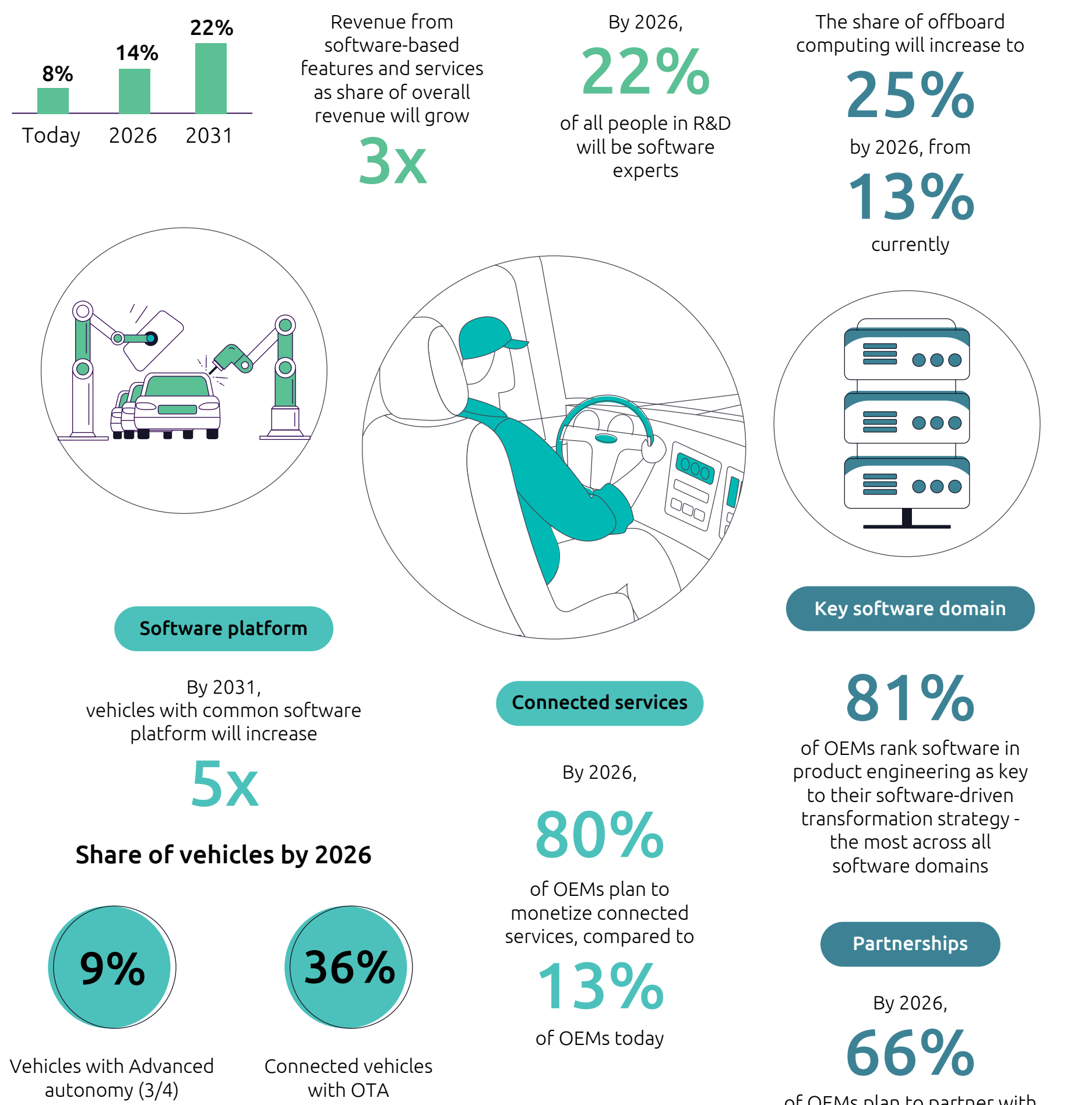


NEXT DESTINATION: SOFTWARE

How automotive OEMs can harness the potential of software-driven transformation



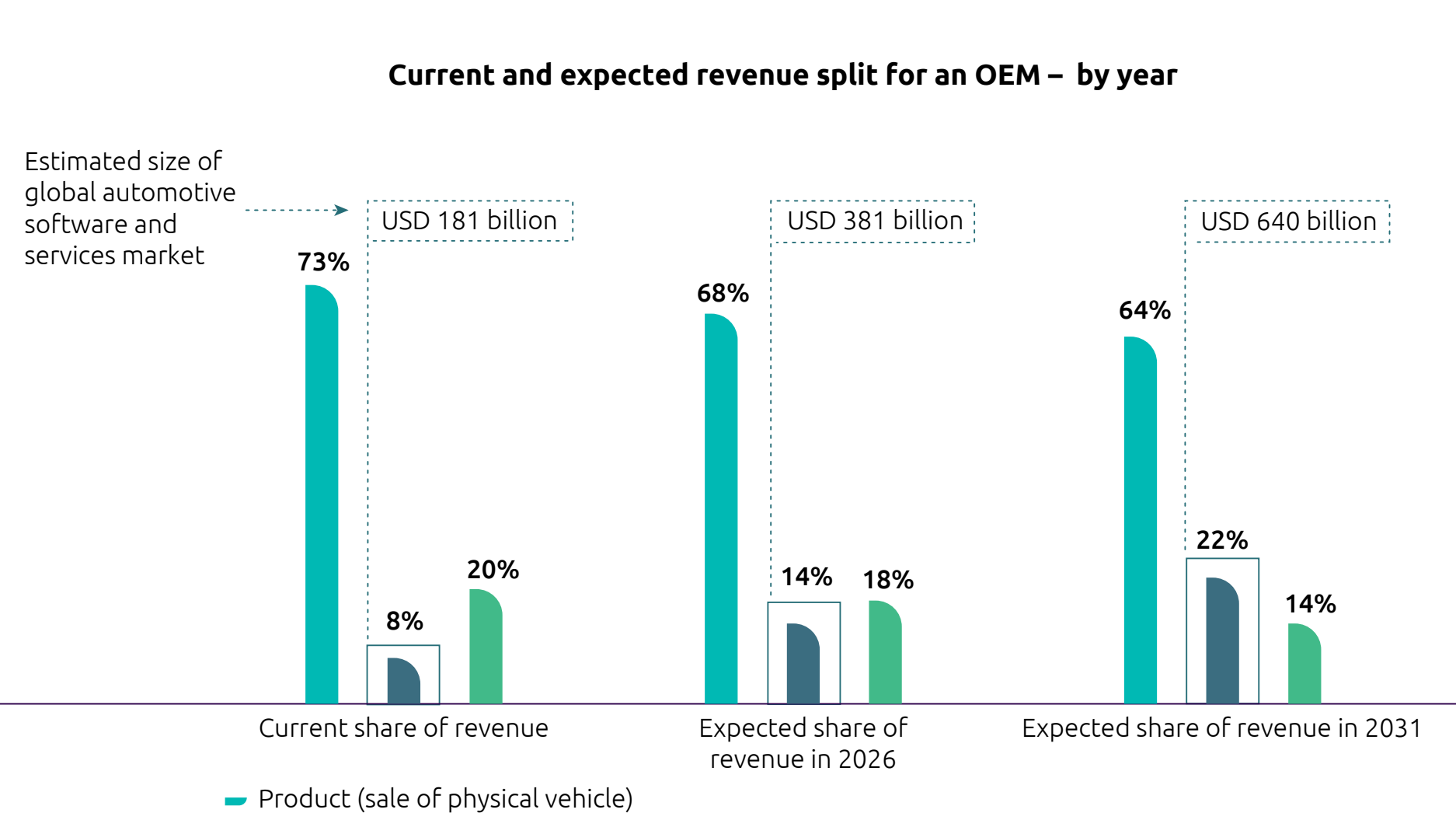
Software will have a significant impact across the entire OEM value chain



Source: Cappgemini Research Institute, Software in Automotive Industry survey, July 2021; N=148 OEMs, respondents primarily from general management function.

Revenue share of software-based features and services is set to more than triple in the next 10 years, amounting to \$640 billion

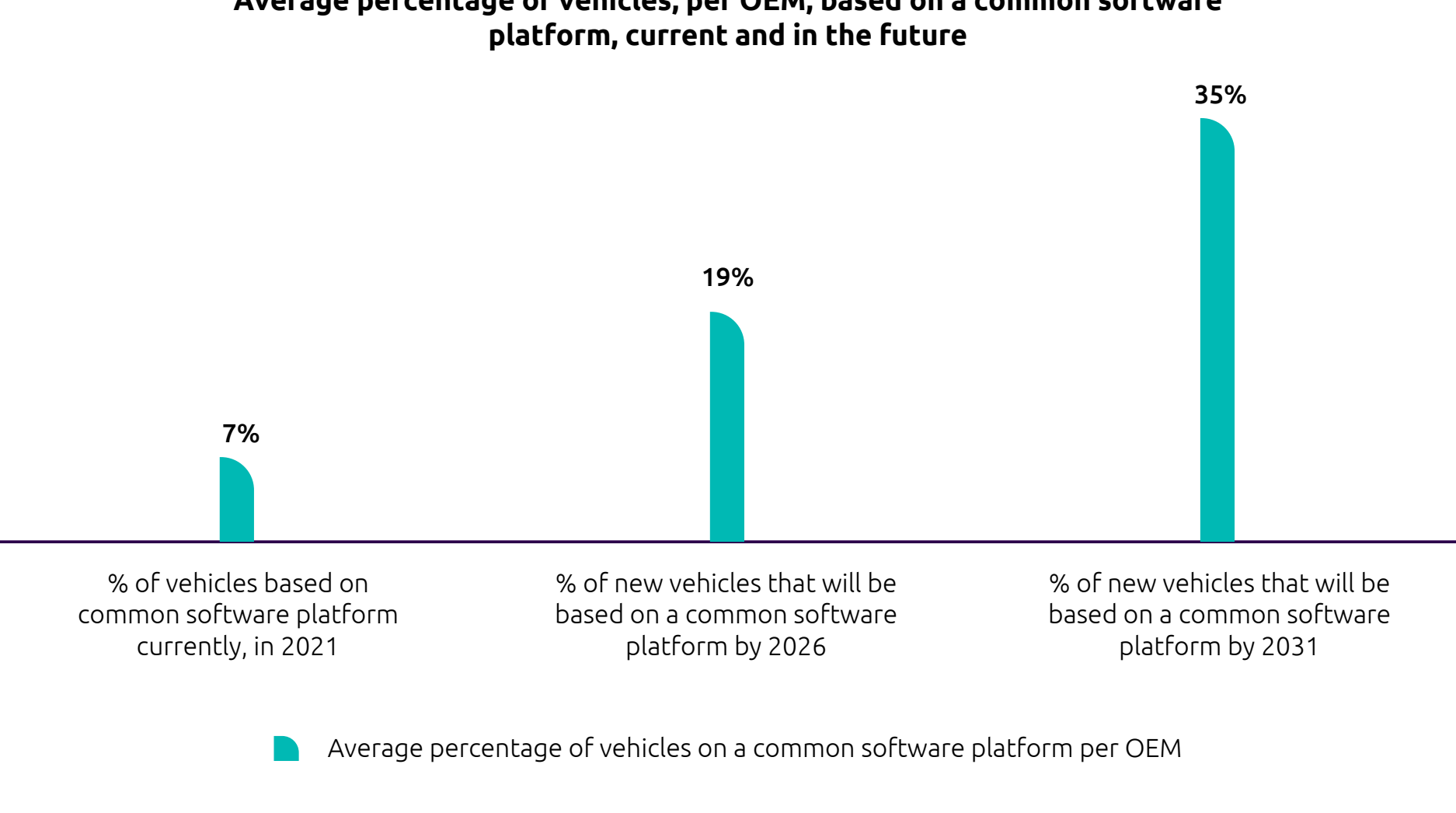
Current and expected revenue split for an OEM – by year



Source: Cappgemini Research Institute, Software in Automotive Industry survey, July 2021; N=148 OEMs, respondents primarily from general management function.

A key driver of revenue from software-based features and services will be the adoption of a common software platform for the vehicle fleet

Average percentage of vehicles, per OEM, based on a common software platform, current and in the future



Source: Cappgemini Research Institute, Software in Automotive Industry survey, July 2021; N=84 OEMs (represented by engineering/R&D function) who currently have/plan to have a common software platform in the next five years.

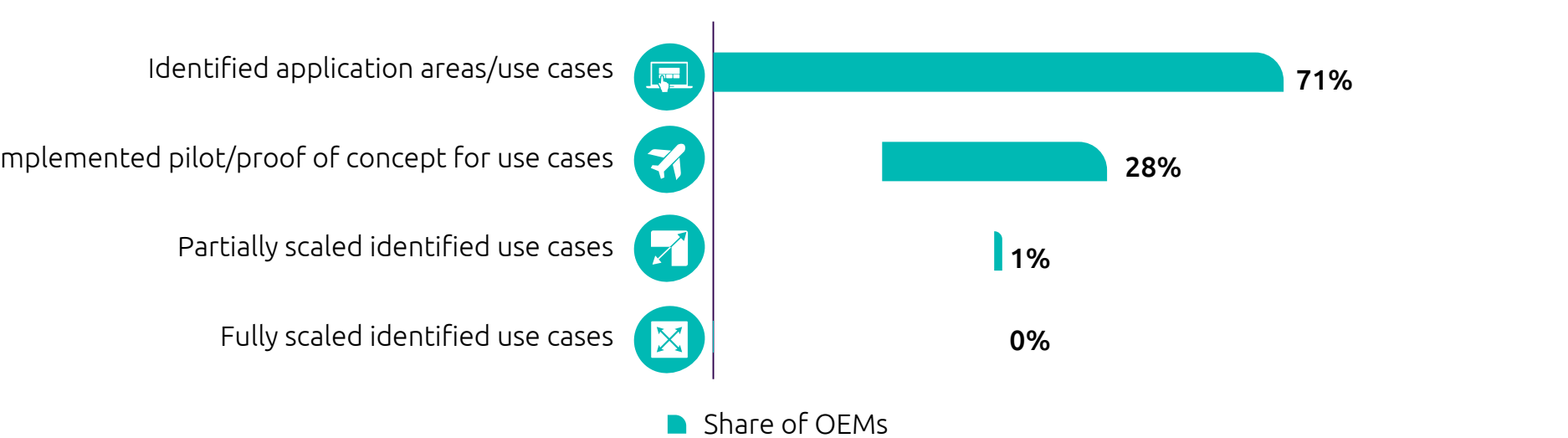
On average OEMs currently spend

2.2%

of their annual revenue on their software-driven transformation

However only 1% of OEMs have partially scaled and none have fully scaled their transformation use cases

Maturity of software-defined transformation for OEMs



Source: Cappgemini Research Institute, Software in Automotive Industry survey, July 2021; N=148 OEMs, respondents primarily from general management function.

Partial scale: | Partially scaled the identified use cases for at least one model/production facility
Full scale: | Fully scaled the identified use cases for at least one model/production facility

60%

of OEMs are still beginners in their transformation journey

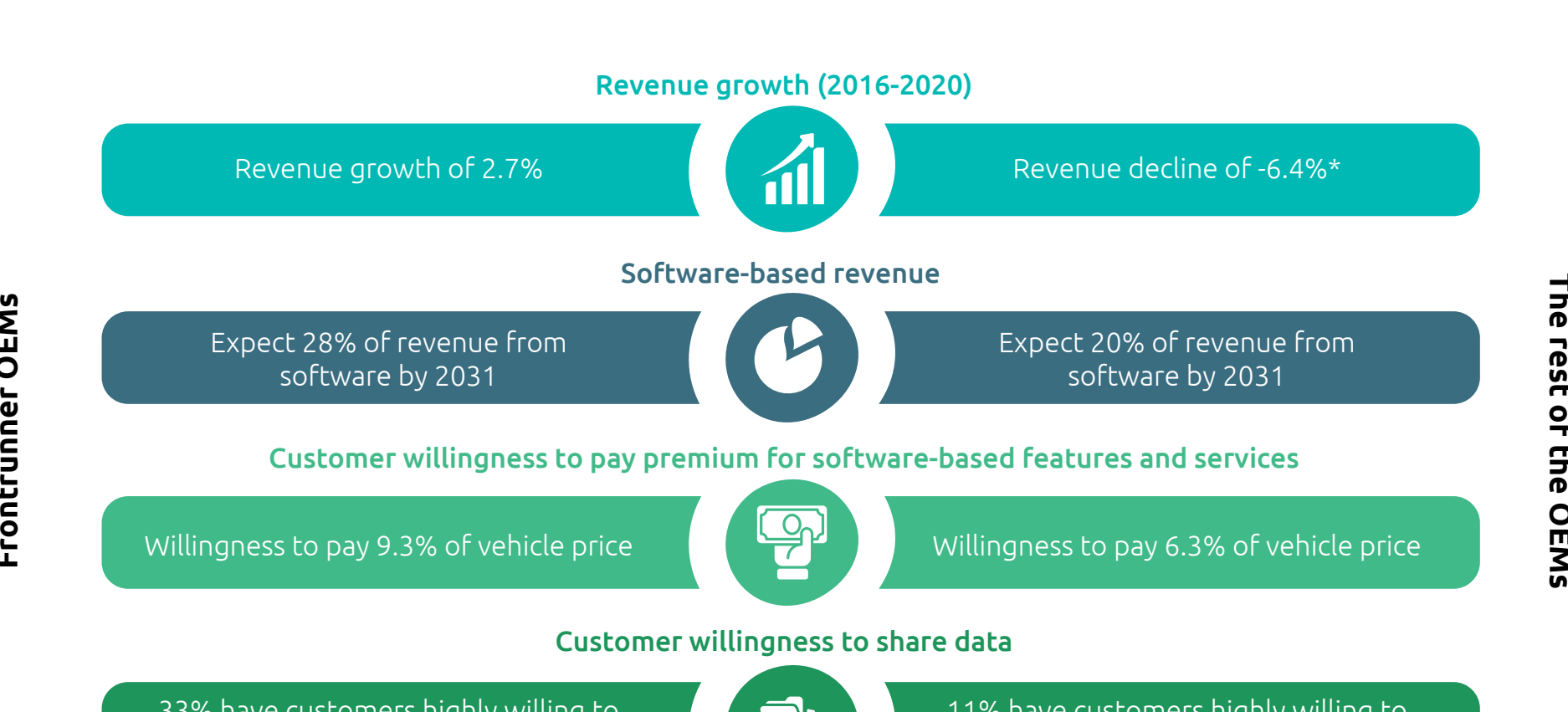


Source: Cappgemini Research Institute, Software in Automotive Industry survey, July 2021; N=100 OEMs with at least both General Manager and Engineering representative roles.

For frontrunner OEMs, who are

15%

of the overall OEMs, a successful transformation is likely to yield significantly better results



Source: Cappgemini Research Institute, Software in Automotive Industry survey, July 2021; N=100 OEMs with at least both General Manager and Engineering representative roles. *Global automotive data from MarketLine™.

How automotive OEMs can harness the full potential of their software-driven transformation

Transformation Enablers

- Build a software-focused vision and strategy
- Leverage software toolchains and agile to foster collaboration across organizational units
- Forge strategic partnerships on key software frontiers
- Strive for excellence by building and retaining software talent

Transformation Areas

- Define a clear roadmap for the next-generation software architecture
- Tap into the power of data to enable intelligent vehicles, operations, and services, faster

Source: Cappgemini Research Institute analysis.

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