

The power behind electrifying energy

What motivates utility decarbonization efforts?

Technology has overtaken government regulation as a stronger driver of industry progress toward a low-carbon energy future.

Primary drivers of utility industry decarbonization efforts

56% 54%

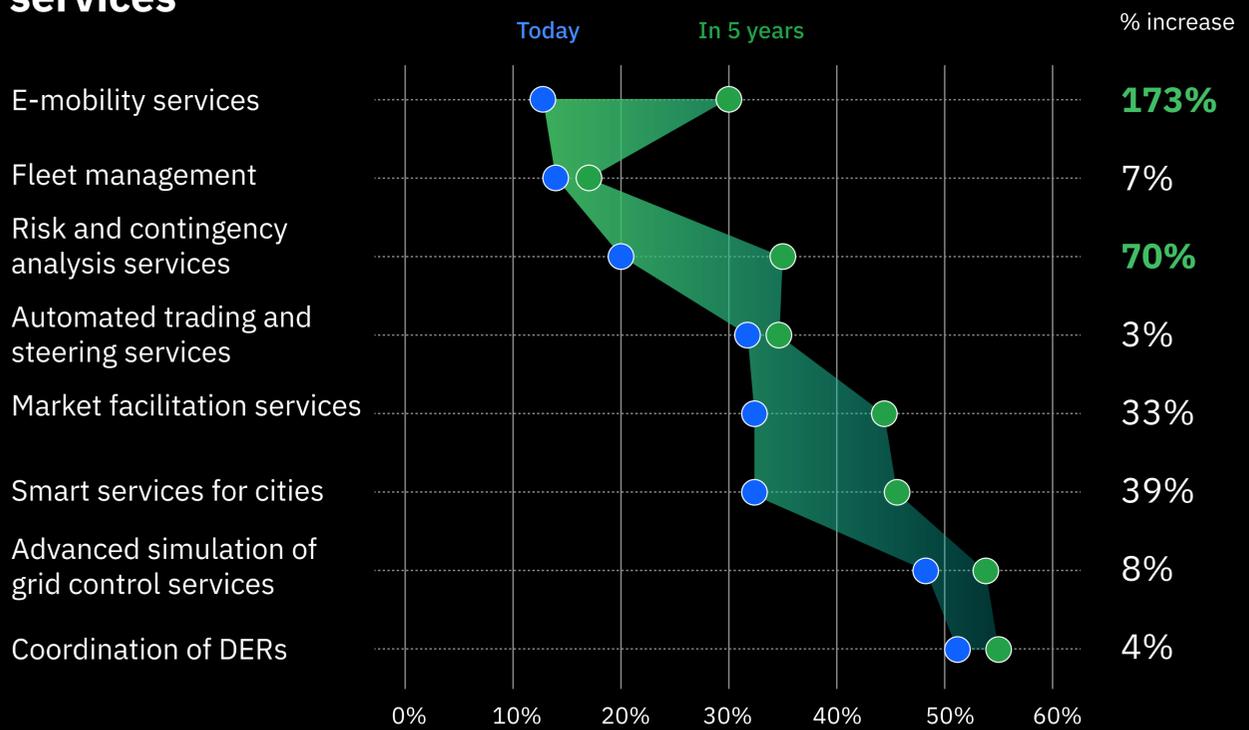
Technological changes that facilitate greener alternatives

Government regulation



New capabilities enable new services

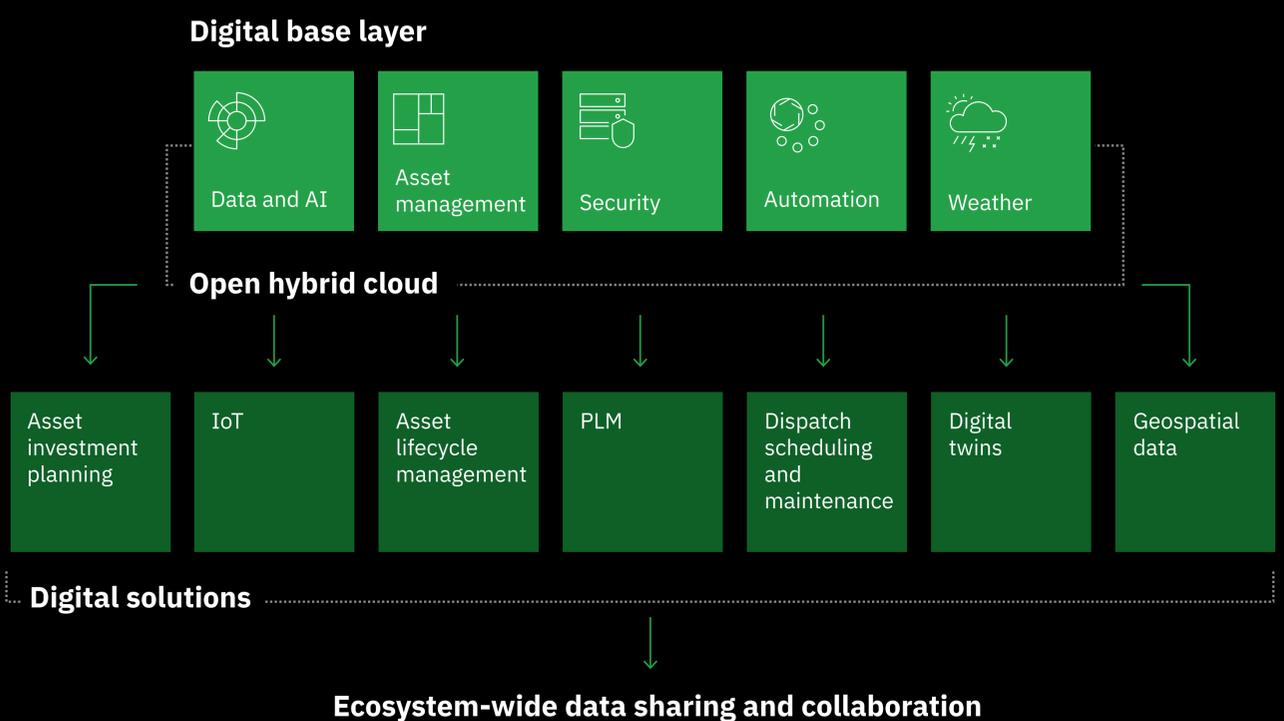
Utilities are using digital technologies to expand their services into new areas like smart cities and e-mobility—and expect further growth over the next 5 years.



Q: Which of the following energy-related services is your organization providing (today and in 5 years)? Figure depicts "rolling out" and "fully implemented" responses.

A foundation for next-generation utility operations

Digital solutions can enhance operations and customer engagement. These solutions require the support of a digital "base layer" that incorporates data, AI, and security features and operates in a flexible hybrid multicloud environment.



To learn how a group of resilient, reliable utilities are incorporating renewable energy and leading the market, [register](#) for our newsletter and watch for our full report in early 2022.

IBM Institute for Business Value

Source: 2021 IBM Institute for Business Value Electrifying Energy Benchmark Survey.

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