

Sustainability strategies face greater pressure in 2024

UII DATA REPORT 132 | APRIL 2024

SUMMARY

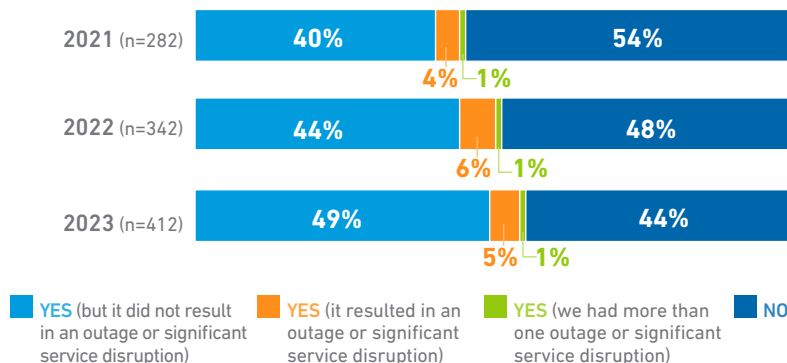
Sustainability remains a top priority for most data center organizations. However, results from the Uptime Institute Sustainability and Climate Change Survey 2023 suggest companies' efforts to reduce their environmental footprint and defend against climate risks may be slackening. Slightly fewer operators say their organization has set a goal for net-zero emissions; and many of those with a goal are extending their target dates. While most expect sustainability regulations to affect operations in the next two years, less than half currently compile and report key metrics — other than PUE and energy use.

ABOUT THIS SURVEY

The Uptime Institute Sustainability and Climate Change Survey 2023, conducted online in December 2023, had more than 900 respondents. This report highlights some of the findings.

Extreme weather events rise, but cause few disruptions

Have your organization's data centers in your region experienced an extreme weather event that threatened continuous operation within the past three years?



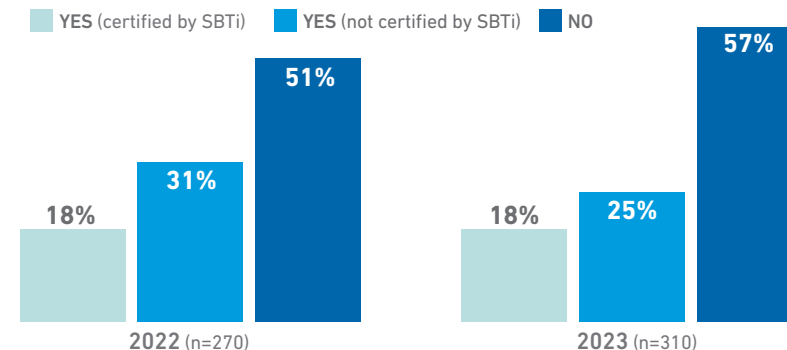
(All figures rounded.)

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Less than half have set net-zero emissions goals

Does your organization have a greenhouse gas net-zero emissions goal?



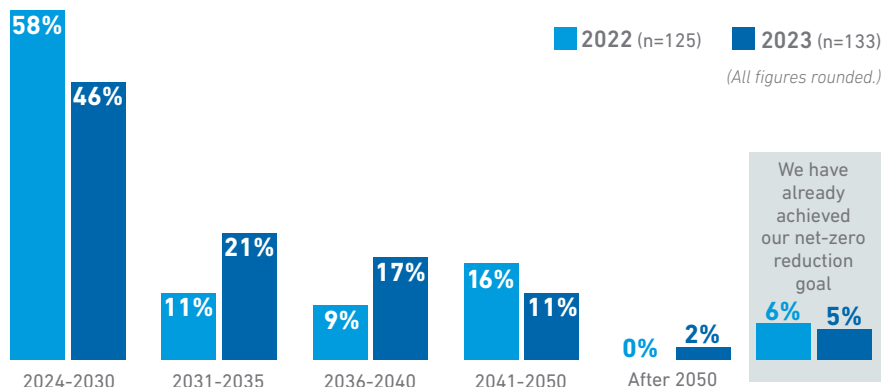
(SBTi, Science Based Targets initiative.)

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Net-zero target dates are being extended

When does your organization expect to achieve its greenhouse gas net-zero emissions goal?



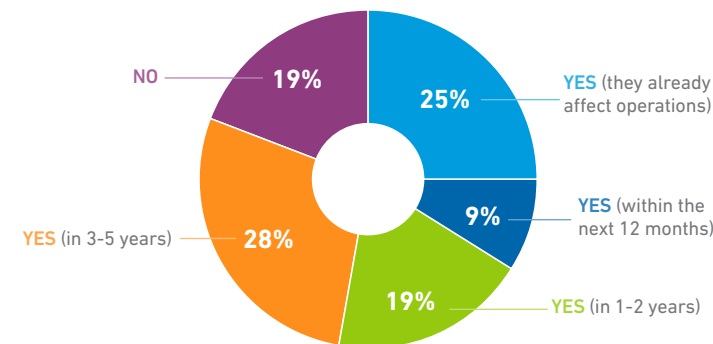
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Most expect sustainability regulations to affect operations

Does your organization believe its data centers will be subject to sustainability / energy-efficiency related regulations that affect operations? (n=349)

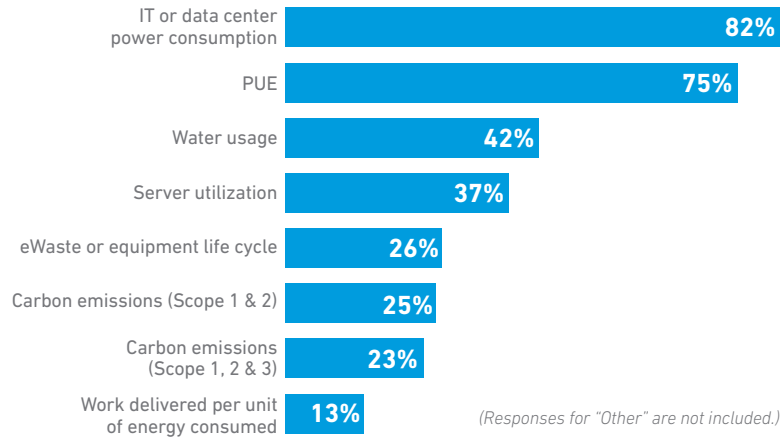


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Few organizations collect key sustainability data

Regarding your own organization, which IT or data center metrics does your organization compile and report for internal or external environmental sustainability purposes? Choose all that apply. (n=268)

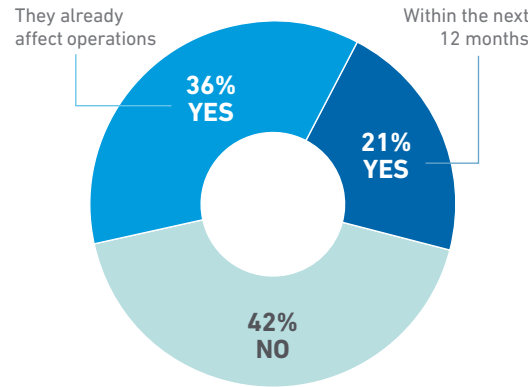


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Over half set goals for renewable energy use

Has your organization set an enterprise-wide goal for data center renewable energy or carbon-free energy consumption? (n=380)



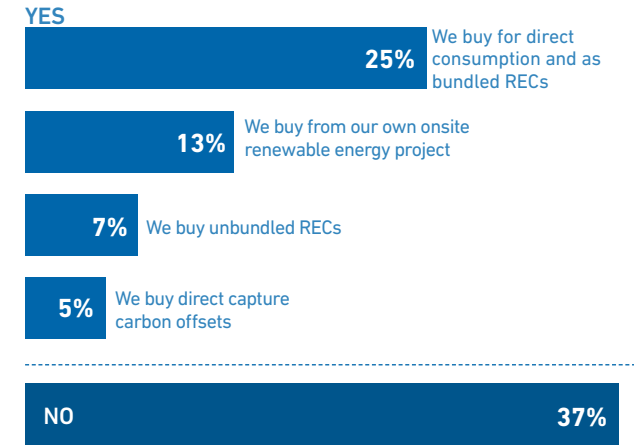
(All figures rounded.)

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Most buy offsets to balance carbon emissions

Does your organization buy carbon offsets (including RECs) to balance out carbon emissions associated with your data centers? Choose all that apply. (n=393)

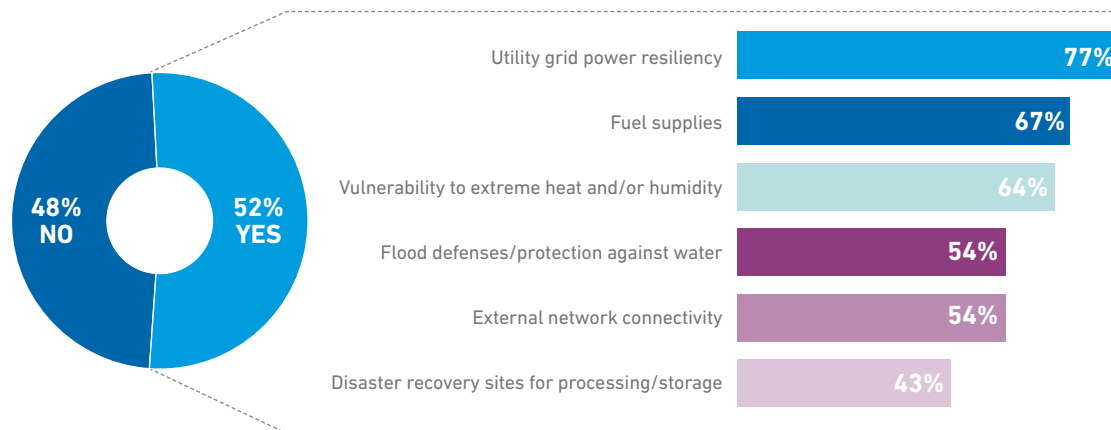


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Strategies for assessing climate risks vary

Are you formally required to conduct climate change / weather-related resiliency assessments for your data center infrastructure? Which of the following areas do you typically review? Choose all that apply. (n=430)

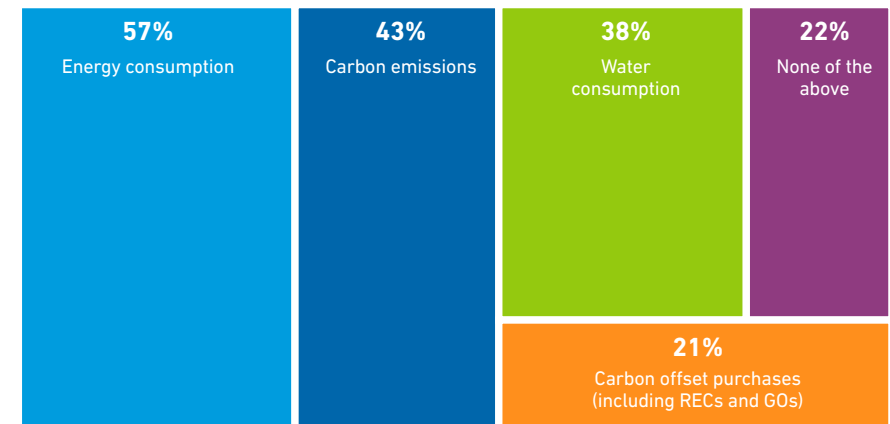


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Regulators target data center energy use and carbon emissions

Which of the following information is your organization required to provide to satisfy its 2023 regulatory requirements? Choose all that apply. (n=738)

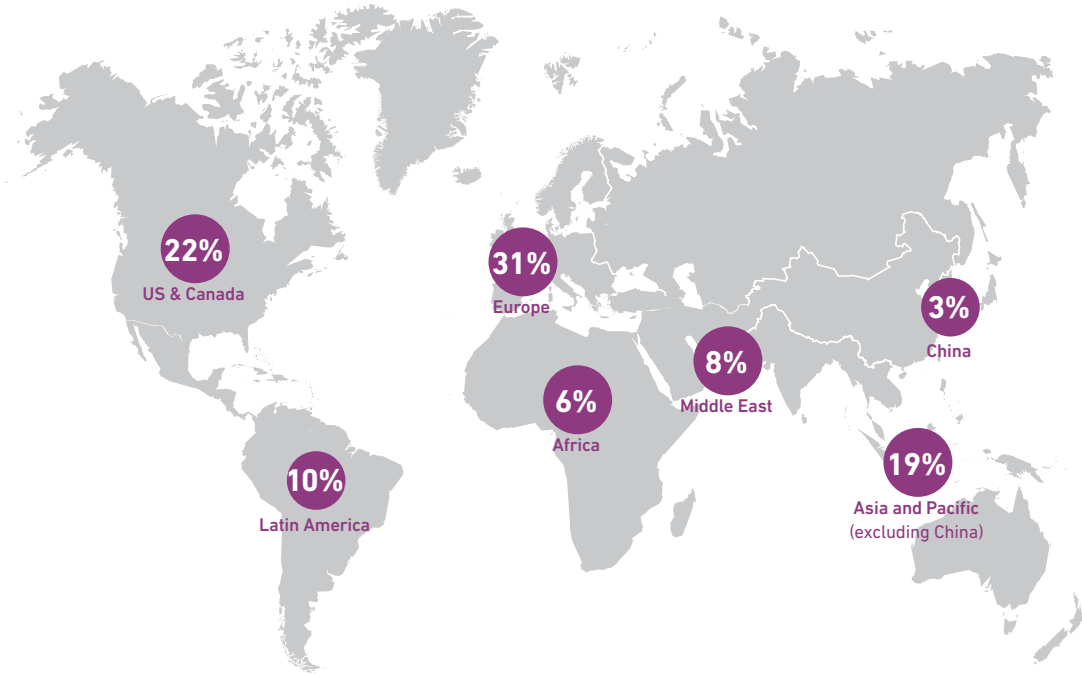


(Responses for "Other" are not included.)

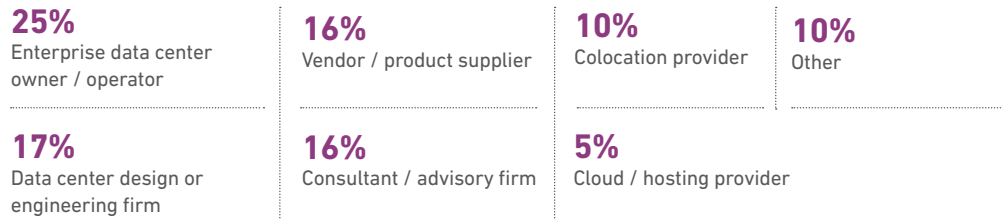
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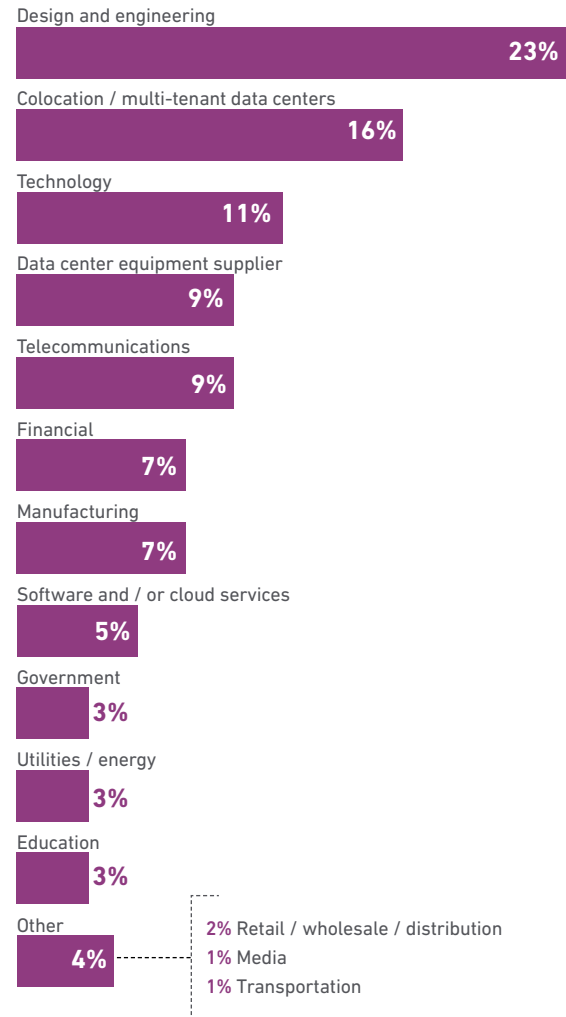
Company location (n=927)



Digital infrastructure environment (n=924)



Verticals (n=690)



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About Uptime Institute

Uptime Institute is the Global Digital Infrastructure Authority. Its Tier Standard is the IT industry's most trusted and adopted global standard for the proper design, construction, and operation of data centers – the backbone of the digital economy. For over 25 years, the company has served as the standard for data center reliability, sustainability, and efficiency, providing customers assurance that their digital infrastructure can perform at a level that is consistent with their business needs across a wide array of operating conditions.

With its data center Tier Standard & Certifications, Management & Operations reviews, broad range of related risk and performance assessments, and accredited educational curriculum completed by over 10,000 data center professionals, Uptime Institute has helped thousands of companies, in over 100 countries to optimize critical IT assets while managing costs, resources, and efficiency.

Uptime Institute is headquartered in New York, NY, with offices in Seattle, London, Sao Paulo, Dubai, Singapore, and Taipei. For more information, please visit www.uptimeinstitute.com

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