

The Sustainable CTO



Best Practice for Sustainable CTOs

Today's CTOs face the critical challenge of meeting the increasing demand for computer processing power whilst simultaneously helping organizations reach net zero. Intel's initiative, *The Sustainable CTO* investigates where CTOs currently are on their journey to becoming sustainability influencers and the lessons they can learn from **sustainability frontrunners**.

Sustainability frontrunners

Organizations surveyed that have the most mature level of net-zero strategy: "a clear net-zero strategy to deliver positive ESG impact".

Measurement and Reporting

What gets measured gets managed, and our study shows that organizations are making good progress on sustainability measurement.



99% measure their scope one and scope two emissions.

83% monitor the carbon output of their entire IT infrastructure.

83% of senior IT leaders in sustainability frontrunner organizations personally understand how their organization's scope one and two emissions operate within the business overall and within the IT function specifically (compared to 57% across all organizations).

Investing in 'Tech Positive'

When it comes to making investments to reduce IT-related emissions, energy-efficient hardware is the focus.

The top five areas of investment for reducing IT-related emissions:

2 Renewable energy sources

4 Transformational technology

1 Energy-efficient hardware

3 New 'green' technology

5 Recycling hardware

Building a Sustainable Supply Chain

Organizations are increasingly scrutinizing their supply chains to ensure partners do not derail their net-zero strategies, and sustainability is now a key driver of purchasing decisions when buying IT products and services.

87%

of sustainability frontrunners review suppliers and partners through a sustainability lens and will cut ties with those that fail to positively contribute to their targets (compared to 78% across all organizations).

78%

of organizations will pay a premium for an IT product or service with strong sustainability credentials.

Improving the IT Function's Sustainability Performance

When it comes to individual actions that IT departments are taking to boost the function's sustainability performance, companies are largely focusing on minimizing waste and optimizing efficiency.

The top 3 practices being deployed to improve the IT function's sustainability performance (according to senior IT leaders):

1 **64%** Minimizing electronic waste by repairing equipment when necessary

2 **59%** Minimizing electronic waste by keeping technology in use for longer

3 **54%** Educating employees in my organization about optimizing energy efficiency through user behavior



Download *The Sustainable CTO* report to find out more.