Introducing: The Sustainable CTO

The Changing Role of the CTO

Tech leaders must embrace a new role as the most pivotal influencer on sustainability in the organization. The Sustainable CTO finds that CEOs see sustainability as the top growth driver for their organization between now and 2030. But 70% of senior IT leaders believe their organization requires a significant change or complete transformation to transition to net-zero business.

Intel's research among 2,020 senior IT leaders, CEOs, and CSOs found that senior IT leaders believe:

- 82% of technology strategy and sustainability strategy must become increasingly aligned.
- 80% organizations are heavily reliant on technology and the CTO to become more sustainable.
- 70% their organization will not reach net zero without the IT function's support and action.

The Rise of the Sustainable CTO

Not only do CTOs have the vision and the appetite to accelerate sustainable transformation but, importantly, they have a mandate from the rest of the C-suite:

- 79% of senior IT leaders aspire to become a sustainability leader in their business.
- 84% of CEOs and CSOs say that the CTO has the potential to become the greatest driver of sustainability in the organization.

Stepping Into the Role of the Sustainable CTO

According to senior IT leaders, the top three priorities for CTOs are:

1. Build skills to understand where to optimize
2. Get buy-in from the wider business
3. Understand the data and operational existing infrastructure
4. Plan for solutions and software innovation
5. Leading the sustainable transformation of the IT function
6. Harnessing the potential of new technology innovations (e.g. AI, IoT)
7. Improving organizational productivity through digital transformation with new technology

According to our research, there are four main steps for an organization to become tech positive:

1. Understanding the data and operational existing infrastructure
2. Building skills to understand where to optimize
3. Getting buy-in from the wider business
4. Planning for solutions and software innovation

Download The Sustainable CTO report to find out more.