CGI

Green IT

Helping organizations combine their sustainability strategy with their digital transformation, while reducing costs.

As technology accelerates with innovations such as AI, big data, cloud computing, costs and environmental impacts are increasing. However, technology provides solutions to help organizations become more sustainable and scale up their impact.

Technology leaders have a key role to play and can act by implementing levers to reduce the environmental footprint of IT solutions and services (Green IT) and leveraging these technologies for sustainability purpose (IT For Green).

Why should you prioritize Green IT ?

Anticipate regulations
Comply with and be ready for existing and upcoming regulations including digital accessibility (WCAG), data privacy (GDRP), climate risks (CSSB), and sustainable procurement

Improve your IT cost efficiency
Benefit from cost improvement levers such as increased life span of end-user-devices, optimized number of devices, server consolidation, virtualization, green data center design, automated power management

Enhance your IT capabilities
Leverage technology to accelerate sustainability efforts, improve ESG data and embed ESG in your digital transformations
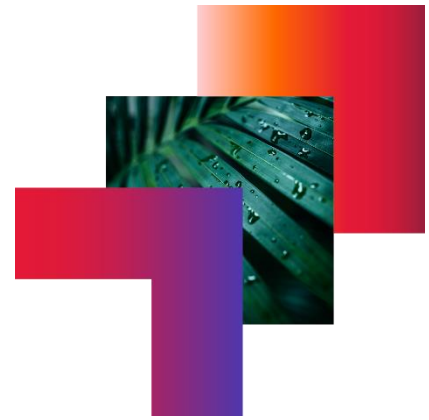
Retain your employees
Contribute to your company's purpose and increase employee engagement and satisfaction by promoting a sustainable digital culture

Key trends

- Energy consumption from digital technologies is rising **6x faster** than the rest of the economy

- By 2025, digital technology will account for **8%** of Greenhouse Gas (GHG) emissions

Source: Digital Governance Council

Challenges

When organizations lack the skills and knowledge to green their IT operations, reducing their IT environmental footprint poses challenges:

01 ESG is not embedded in digital transformations and organizational culture

02 Limited visibility of the IT environmental footprint

03 IT is not fully leveraged to increase sustainability impact

04 Lack of robust ESG data

Assess your Green IT maturity

Start now

We help organizations overcome Green IT challenges

Green IT approach

Assess, strategize and implement

- Green IT maturity assessment
- Green IT for digital transformation
- Green IT change management

IT environmental footprint

Reduce the environmental impact of digital technologies

- IT carbon footprint
- Eco-design
- Green coding

IT for green

Leverage end-to-end IT capabilities for sustainability

- ESG Data & Analytics
- AI and machine learning
- Earth observation

Why work with us?

- Deep understanding of technology
- Proven Green IT experience and recognition
- Local & global Green IT network
- Global Center of Expertise on Green IT
- Integrated teams: CGI's Green IT offerings combine expertise in digital maturity, sustainability, change management, IT delivery, data and analytics
- Comprehensive capabilities and +45 years of industry insights

Green IT is part of our broader ESG and sustainability advisory offerings

Green IT

- Green IT approach
- IT environmental footprint
- IT for green

Sustainability strategy & ESG assessments

- Materiality analysis
- Gap analysis
- Stakeholder engagement
- Target setting

ESG data & analytics

- Digital sustainability solutions
- Data optimization
- Software and systems

Net zero advisory

- Carbon footprint
- Roadmap to net-zero
- Decarbonization initiatives

Operationalization

- Change management
- Process improvement
- Operational excellence
- Agility

About CGI

Founded in 1976, CGI is among the largest IT and business consulting services firms in the world.

We are insights-driven and outcomes based to help accelerate returns on your investments. Across hundreds of locations worldwide, we provide comprehensive, scalable and sustainable IT and business consulting services that are informed globally and delivered locally.

For more information about our Business Consulting services in Canada, visit cgi.com.

Clients trust us

- Ubisoft partners with CGI to take their ambitious Green IT strategy to the next level. Read more
- Provided a Canadian healthcare facility with a Green IT maturity assessment as part of a digital maturity assessment.
- Develop a fire prevention solution for First Nation communities across Canada. Read more