Measure and reduce carbon emissions across your IT products

Cutting your emissions is not only good for the planet, it's also good for business. But to make that happen, you need a baseline – understanding exactly where you are before you set out where you need to be. And that's particularly tricky for IT services. Our Digital Carbon Calculator gives you a comprehensive snapshot of carbon emissions across all your IT products. That means you'll be able to baseline your estimated carbon emissions for annual CO_2 accounting – and see where you can make carbon savings as part of your lifecycle management.

Sustainability is increasingly at the heart of business strategies. In fact, reducing carbon emissions is the key KPI for 54% of enterprises.[1]

Digital technologies have a critical role to play in reducing carbon emissions and measuring progress towards net zero, and you'll need to show you're reducing emissions across your own operations, as well as supplier products and services.

It can be difficult to baseline your carbon emissions for your IT services. But without this starting point, it's impossible to identify areas where you can cut carbon emissions. And this data is also important for annual sustainability reporting.

Our Digital Carbon Calculator tool helps give you the accurate, reliable and consistent data you need to baseline the carbon emissions of your IT services. As you gain a clearer picture of where you are, you can use the data to see which devices to prioritise as part of your ongoing lifecycle management.

Understanding your carbon emissions

Our Digital Carbon Calculator will help you:

- measure and monitor carbon emissions across your IT products and services
- estimate the carbon footprint of your IT inventory
- get a detailed breakdown of carbon emissions by enterprise, region and device type
- access lifecycle inventory management for your IT estate
- understand which high-carbon devices to prioritise at refresh cycles.

88%
of consumers would rethink purchasing from companies that aren't ethically or environmentally sustainable[2]

ICT solutions have the potential to help lower global CO_2 emissions by

20%
by 2030[3]

1. www.globalservices.bt.com/en/insights/whitepapers/role-of-digital-services-in-enterprises-becoming-sustainable
2. www.globalservices.bt.com/en/insights/articles/manufacturing-disrupted-how-digital-leaders-are-surpassing-the-competition
3. smarter2030.gesi.org/

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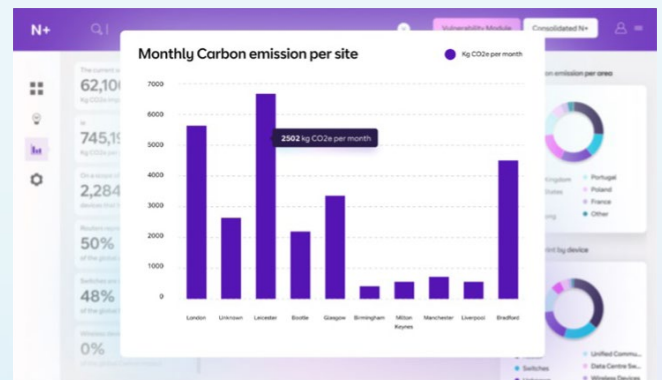# Giving you the digital tools you need to drive sustainability

Our Digital Carbon Calculator is unique, as it combines carbon footprint data from the IT services you buy from us, and the IT services you buy from other vendors, using a lifecycle assessment (LCA) to give you an holistic view of your carbon emissions. It automatically highlights devices with the highest carbon impact to help you prioritise what to replace. It also helps with lifecycle management – you can view how much of your inventory is end-of-life, as well as anticipate future hardware and software lifecycles, so you can prioritise where you need to invest in replacing inventory.

Features

- Estimates total carbon emissions per month and per year
- Tracks emissions over time so you can see trends and the impact of decisions
- Identifies devices with the highest carbon impact
- Provides simple IT service lifecycle management
- Provides emissions breakdown per region

How it works

- We've collaborated with major IT services vendors to determine the carbon footprint for their devices
- The calculator is based on full lifecycle assessments where possible
- We've completed the assessments based on the GHG (Green House Gases) Protocol Corporate Standard using the ICT sector guidance[4]
- We also draw in regional grid carbon intensity figures for use phase emissions where these are available, or use the global average
- We then overlay your inventory device details with the LCA data and grid carbon intensity to estimate your carbon footprint

Why work with us?

We've committed to helping our customers avoid 60m tonnes of CO_2 by 2030.

We have first-hand experience in understanding the carbon footprint of IT services and by working with our partners we have the ability to collate, and share with you, the data required for carbon footprinting.

As part of a managed service, the calculator can be used in conjunction with our Carbon Network Dashboard which measures, monitors and reduces power and carbon emissions across your IT networks.

Our global Professional Services team can assess the current and future sustainability footprint across your global infrastructure to help identify your strategic options and the business case for sustainability change.

We've been recognised, by CPD, as a global leader in managing carbon reduction and climate change across the supply chain.[5]

Since 2016/17, we've reduced the carbon emissions intensity of our operations by 57% and have reduced carbon emissions by 19% in our supply chain.

4. ghgprotocol.org/corporate-standard
5. www.cdp.net/en/research/global-reports/global-supply-chain-report-2018

What could our Digital Carbon Calculator do for you?
bt.com/digital-sustainability

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