



CarbonNOW – the carbon budgeting application for CIOs

IT accounts for 2.5% of global emissions, and it is increasing as much as 8% -10% per year. Organisations in the UK are now required to set a Net Zero Target of 68% by 2030, which translates a reduction of 10% every year for the next 10 years. The regulatory pressure, increasing environmental awareness of customer and higher public expectation reflect an urgent need for organisations to transition into Net Zero. Armed with the capabilities within CarbonNOW, Deloitte can help organisations to decarbonise their IT estate, operations and supply chain.



CIOs continue to address three common challenges when trying to align to organisations' Net Zero goal:

Lack of a plan and roadmap to start reducing carbon emissions from IT Estate.

Poor, non-granular emissions data that impede the ability to confidently make operational decisions.

Dispersed and disconnected data that are difficult to analyse, with **gaps in operational level data** that leads to an incomplete view on IT carbon emission.

The CarbonNOW application can provide data visibility to CIOs in decarbonising IT estate, operations and supply chain by:

Integrating multiple data: Setting baseline through a single view of carbon emissions and budget insights to help CIOs manage within their carbon budget.

Prioritising carbon improvement: Pinpointing the least efficient areas and top performers to gain clarity on what can be done.

Tracking reduction initiatives: Providing benchmark to enable tracking of carbon reduction initiatives against science-based targets

Deloitte's Consultancy Services

Whilst CarbonNOW enables organisations to solve their most urgent data barrier to achieving Net Zero target, Deloitte recognises that Net Zero is also a massive organisational transformation. We can provide follow-on consulting services from strategy to implementation, lead by deep sustainability expertise, to help organisations successfully transition to Net Zero.

○ Net Zero and Organisational Transformation

○ 100% Green Electricity

○ Employee Engagement

○ Data Centre of the Future

○ Shockproof IT Operations

○ Workload Optimisation

○ Life Cycle Analysis and Zero Waste

○ Green Tech Sourcing

CarbonNOW Overview

The audience that benefits from CarbonNOW includes :

- CIO's and COO's of Private, Public, Technology and Financial Services Businesses.**
- Most benefit to large organisations, with high IT intensity, with large scale emissions, with significant data centres, estates and large number of employees/ customers/ devices.**
- Small Medium Enterprises** working as part of supply chain decarbonisation program
- Technology suppliers** who want to provide better data on their products to clients

1. Set Targets
Guidance on how to set your science based target in line with national government targets globally

2. Produce Baseline
Sets your first baseline year

3. Tracks Progress to NetZero
Shows monthly and annual trends
Calculates your resulting Carbon Debt

4. Produce Carbon Budget
puts costs and impact at the heart of decision making.

5. Drill down and compare
emissions and efficiency across **Estates Data Centres, Cloud, Devices, Power Supply** Scope 2 and 3 emissions.
Prioritise where the biggest gains can be made, identify data gaps.

6. Calculates Investment
required to remove your historical emissions

7. Implement the Roadmap
Set your ambition
Implement decarbonisation initiatives based on 5 strategic themes and track their progress

8. Take Action NOW!
Demonstrate the cost and impact of delays

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