

Manage and reduce your GHG Emissions

e-Bench® is a powerful, patented SaaS platform developed and supported by CarbonEES®. It gathers, monitors and benchmarks your organisation's total energy use, costs and CO₂e performance — making management faster, easier and more actionable than ever before.

As well as saving you time and money, the CarbonEES® team are on hand as your expert GHG management guides, providing local insights and tailored support.

1. All your GHG emissions online in one place — no more scattered spreadsheets or invoices.
2. Identify energy consumption or billing issues early and easily, by appliance, floor or building.
3. Make informed decisions to reduce your GHG emissions, waste and energy use.

Electricity

Monitor grid consumption with real-time tracking, invoice reconciliation and KPI benchmarking. Typical e-Bench® customers have seen a 29.8% improvement year-on-year.

Natural Gas

Track gas consumption and costs alongside GHG emissions. Set targets, receive alerts when usage drifts and get recommendations to stay on course.

What e-Bench® monitors

e-Bench® can monitor all types of resource flows. Every captured stream has its relevant GHG emissions calculated, along with any available attributes or financial data.

Electricity

Diesel

LPG

Solar PV

Air Travel

Reticulated Gas

Gasoline

Medical Gases

Waste

Photovoltaics

Water

Steam

Coal

Biomass

Vehicles & Fleet

WHO IT'S FOR

Is e-Bench® for you?

e-Bench® is the one-stop shop for Energy, Utility or Facilities Managers — and a powerful tool for Sustainability Managers, building owners and tenants.

Perfect if you have:

- Multiple facilities or buildings to manage
- Multiple assets to monitor (meters, equipment, vehicles)
- Large or complex facilities
- Complex energy and CO₂e reporting requirements
- Offices or sites in multiple locations
- Buildings with multiple tenants
- Toitū or other sustainability certification requirements

Perfect for:

- Councils & Government
- Tertiary Institutions
- Commercial & Industrial
- Property & Facilities Management
- Sustainability Teams
- Energy & Utility Managers

Ready to reduce your energy use and CO₂e emissions?

Talk to the CarbonEES® team today to find out how e-Bench® can work for your organisation.

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CarbonEES®
CONSULTANCY

eBench®

eBench®

See the total energy and CO₂e performance of your organisation

New Zealand's leading cloud-based energy, utility and carbon management platform

\$100M+
energy monitored across NZ

20+ years
expert carbon & energy consulting

NZ#1
patented SaaS platform

Patented SaaS Platform • Brought to you by CarbonEES® – Towards Zero

Everything in one integrated platform

e-Bench® combines advanced functionality to turn complex energy and emissions data into clear, actionable insight — suitable for both non-technical users and energy professionals.



Targeting & Monitoring

Real-time dashboards, automatic alerts when usage or costs deviate from expectations, and expert recommendations from the CarbonEES® team.



Invoice Reconciliation

Comprehensive invoice verification system ensuring all bills are accurate — catch errors and overcharges before they become costly.



Advanced Reporting

Choose from existing reports or customise your own. Automatically share relevant information to improve decision-making across your organisation.



Benchmarking

Compare performance by asset, location or floor level against KPIs and the e-Bench® database of best-practice buildings.



Continuous Commissioning

Ongoing watching brief on building performance — identifies the optimal point to intervene. Typical payback period under one year.



Energy Saving Simulation

Model the financial and carbon impact of proposed initiatives before committing to investment.

Identify issues early and make informed decisions

Monitor

- Receive alerts when usage or costs differ from expectations
- Check usage against supplier invoices for billing accuracy
- Review monthly reports to track what is happening across all sites

Benchmark

- Compare by asset, location or floor level against KPIs
- Get before-and-after snapshots to verify programme performance
- Verify emissions reduction success and find the next opportunity

Great insights and advice

e-Bench® automatically aggregates your data into easy-to-analyse, meaningful reports. Choose from existing templates or customise one, then automatically share the relevant information to improve decision-making.

With all information online in one place, there is no need to manage multiple spreadsheets, reports or invoices.

The CarbonEES® team will be on hand as your expert energy guides, providing local insights and tailored support. Designed for everyone — from non-technical staff to energy professionals.

Expert carbon & energy services beyond the software

CarbonEES® combines deep engineering expertise with the e-Bench® platform to deliver a full suite of carbon and energy management solutions.



GHG Inventories

Accurate, Toitū-aligned greenhouse gas inventories with full audit support. We handle data collection, gap-filling and evidence packs so your team doesn't have to.



Decarbonisation Planning

Set science-based targets and build a practical emissions reduction roadmap, with financial and carbon impact modelling for every proposed initiative.



Energy Auditing

Identify inefficiencies, reduce costs and benchmark performance across sites — including invoice reconciliation and ongoing monitoring via e-Bench®.



Energy Procurement

The NZ energy market is complex and fast-moving. Our specialists ensure you're on the right contract, avoid billing errors and secure the best pricing.



Toitū Audit Support

Expert preparation and support for Toitū carbonreduce and carbonzero certification — from data gathering through to audit completion.



Continuous Monitoring

Ongoing expert oversight with regular reporting, anomaly detection and actionable recommendations from the CarbonEES® team.