

CASE STUDY

Sustainability leader selects Energetics to provide energy data management



Client

Brisbane City Council

Industry

Government Corporation

Lead consultant

David Martenson

Cost savings

1% on annual utility spend

Relationship

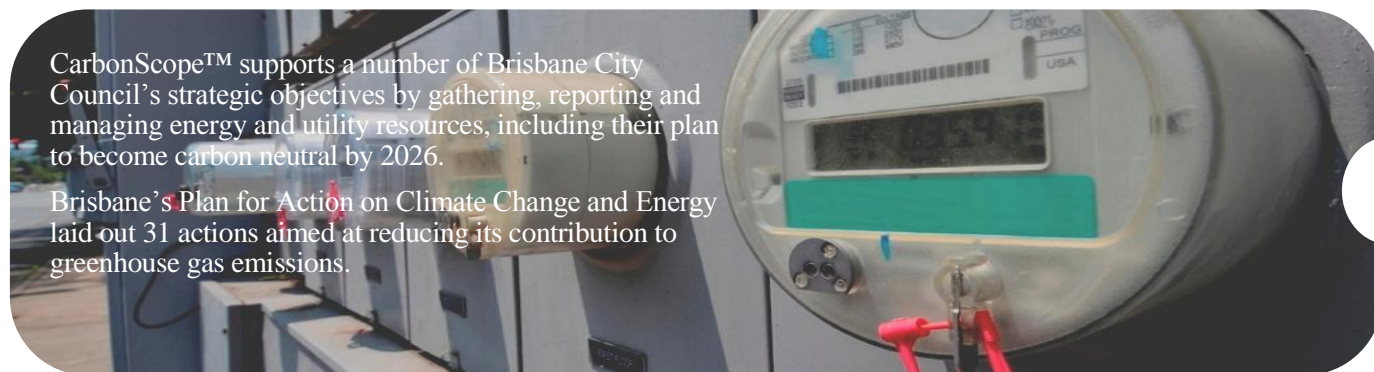
2003 - present

Objective

Become carbon neutral by 2026

CarbonScope™ supports a number of Brisbane City Council's strategic objectives by gathering, reporting and managing energy and utility resources, including their plan to become carbon neutral by 2026.

Brisbane's Plan for Action on Climate Change and Energy laid out 31 actions aimed at reducing its contribution to greenhouse gas emissions.



Project identification

Brisbane City Council is Australia's largest local government, serving over a million residents and 1400 sites.

Energetics partnered with the Council in 2003 to systematically collect energy and utility data across all 1400 sites, translate it into comparable formats and units, and provide energy and carbon reporting at various levels of the organisation from a trusted source.

Energetics' approach

Energetics' energy data management system (CarbonScope™) and associated services automates the Council's collection, validation, and reporting of data from electricity, natural gas, and fleet fuels, providing visibility and transparency of energy usage and spend across the organisation.

The dataset provides a critical foundation for systematically setting energy reduction targets and data preparedness for regulatory reporting.

We address Brisbane City Council's objectives through:

- **Centralised energy and carbon**

database - Reliable, accurate and robust data recording for water, energy, fleet fuels, greenhouse gases and related financial expenditure providing the foundation for reporting additional resources such as travel, paper and waste data.

- **Regulatory reporting** - Meet regulatory reporting requirements, such as National Greenhouse and Energy Reporting (NGER) Act, and Energy Efficiency Opportunities program (EEO).
- **Internal sustainability reporting** - Internal quarterly sustainability and energy efficiency reporting.
- **Carbon offset reporting** - Provide reliable accurate figures for purchasing of carbon offsets for fleets.
- **Managing energy reduction** - Provide baseline information for Marginal Abatement Cost Curve (MACC) analysis and capability for tracking energy savings against targets.
- **Organisational reporting** – energy and sustainability reporting.



Valuable outcomes

In partnership with Energetics, the Council has achieved:

- systematic and auditable data collection for NGER reporting.
- baseline and reference data for assessing data and tracking projects identified under the EEO program.
- accurate financial accruals for energy and utilities across the organisation.
- Savings of approximately 1% on annual utility spend through Energetics' multi-point validation process which identifies incorrect invoices.
- accurate reporting of GreenPower purchases and required carbon offsets, since the Council began its GreenPower purchasing program in 2003.
- accurate, auditable determination of

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carbon offsets for fleet fuels.

- confidence in a centralised energy and utility database, as a source of information for quarterly sustainability reporting, electricity and gas procurement, and ad-hoc reporting.
- energy reports that normalise data against team-specific operational Key Performance Indicators, such as library visitors, asphalt production and rock quarry production.

Proven Experience

Energetics has extensive experience in data management and reporting solutions that encompasses:

- a proven and robust global data capture, management and reporting platform.
- a dedicated data management team integrated within Australia's leading energy and greenhouse consultancy.
- 10 years experience in managing energy and environmental data and reporting for many of Australia's leading organisations.

Our data management solution is supported by over 100 consultants Australia-wide who design, implement and measure energy and carbon management solutions.

For more information on how Energetics can support your data management needs, contact:

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