

3 VISIONS, 3 ACTIONS FOR A SUSTAINABLE AUSTRALIAN ECONOMY



Australia may be the 'sunburnt country' but we have the capacity for 'luscious' green and sustainable infrastructure and practices. The key is to make it easy for Australian businesses to comply with our government's innovative environmental policies.

VISION 1: Energy Efficient Government Operation (EEGO)

In order to lead by example in the quest to heighten energy efficiency and reduce the cost and environmental impact of its operations, the government needs to identify, monitor and report on its relevant performance. CSC has designed an integrated systems solution, incorporating SAP modules, to enable the government to efficiently and effectively manage its efforts to reduce energy consumption.

Our solution will enable reporting of energy performance by agencies, as well as the tracking of alignment to intensity targets. Most importantly, it will guide the adoption of minimum energy performance standards and measurements for offices, appliances and vehicles.

This same infrastructure can be leveraged to measure performance of other sustainability outcomes such as water conservation and waste reduction.

VISION 2: Smart Grid, Smart City - Australia, the clever country

CSC has Advanced Metering Infrastructure (AMI) capabilities to assist in deploying the government's National Energy Efficiency Initiative. Due to our proven experience in this field, we are currently implementing smart grid infrastructure for a key Victorian Utility.

We have designed and are now implementing an end-to-end AMI solution for our client's customer base of over 1.1 million electricity meters. Together the smart meters are expected to generate 87 million interval reads a day.

CSC worked on the design of the complete functional architecture for the solution focusing on scalability, availability and requisite capacity for data processing and analysis of the customer's meter data. Our IT infrastructure contributions include:

- Development of infrastructure to support the AMI application redevelopment project(s).
- Production and Disaster Recovery (DR) infrastructure to support AMI-related applications and associated smart meter volumes.
- DR strategies for meeting AMI-related availability requirements.
- Network redesign to support the availability and throughput requirements of the AMI application suites.
- Monitoring solution on the availability and performance requirements of the program.
- Upgrades required to support additional AMI development and DR infrastructure.

CSC CAN HELP REDUCE GREEN HOUSE GAS EMISSIONS IN 3 EASY PHASES

VISION 3: Reducing Green House Gas emissions - it's as easy as 1, 2, 3...

Australian businesses will need to significantly modify their IT systems in order to comply with both the Carbon Pollution Reduction Scheme (CPRS) and National Greenhouse Energy Reporting System (NGERS).

We realise the successful implementation of these key government initiatives will require sound integration of data from multiple systems within each business entity. CSC Australia has designed a three phased approach to make it easy for Australian businesses to fulfil their mandatory carbon emission obligations.

Our architectural design and systems integration will enable companies to leverage captured data intelligence to drive innovation, make informed key decisions and deliver real value beyond compliance. Through managing their carbon footprint, businesses will receive a wealth of operational data to help improve their bottom line and give insights into risk exposures, areas for improvement and strategic direction.

Our solution changes organisations' IT systems to reflect the impact of climate change legislation in three easy steps:

Phase One enables companies to:

- Produce compliant regulatory reports
- Update their internal costing and cost allocation
- Track and report actual vs. target carbon emissions

Phase Two comprises:

- Integration of monitoring systems to enable automated data feeds to produce regulatory reporting
- Carbon permit management

Phase Three provides:

- Integrated scenario planning and modelling to ascertain the impact of acquisitions/ changes in ownership, carbon offsets and ongoing reductions in emission targets.

In three easy steps Australian businesses can easily identify, monitor and report both their direct and indirect emissions to realise the government's vision for a sustainable Australian economy.

We can help you turn your Green Vision for Australia into Action.

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