



CAPABILITY STATEMENT

Remote area project management

Energy and power system
engineering

Community engagement and
stakeholder management



Our mission is to deliver technical solutions for our clients that are people-centred, innovative and practical, and enhance the sustainability of human settlements.

CAPABILITIES

Remote Area Project Management:

- Prefeasibility and feasibility studies for infrastructure projects including life cycle cost analysis; in particular for community infrastructure such as swimming pools
- Project development including coordination of design briefs and documentation through to end construction
- Project and construction management, including procurement and contract management, site supervision, acceptance testing and commissioning.

Community Engagement and Stakeholder Management:

- Adaptation and application of a comprehensive community energy planning model, including the development of household energy metering and other demand side management devices
- Advice and training in the area of community consultation, and engagement training and education
- Management of projects requiring high levels of stakeholder engagement and communication.

Power and Renewable Energy Systems Engineering:

- Policy review and advice on energy and renewable energy, particularly within a remote area context
- Electrical power system and renewable energy system design
- Energy efficiency program management including auditing and implementation of recommendations
- Website, database and data acquisition system specification and procurement
- Development and delivery of 'turnkey' rural electrification projects and programs
- Financial modelling of rural electrification projects including life cycle cost analysis of supply options
- Expert technical advice and renewable energy system design including detailed analysis of technology options
- Advice and training in the maintenance and support of renewable energy systems to ensure long term sustainability.



WHO WE ARE

CAT Projects offers engineering services and solutions designed to enhance the sustainability of remote and urban communities across Australia and the Asia Pacific. Our solutions are people-focused, innovative and practical, acknowledging the important relationship between people, technology and place.

In undertaking this work we necessarily stray from the traditional role of an engineering consultancy. Indeed, while we operate with informed pragmatism and rigour, we are influenced by our shareholder's 30 year heritage of working to support the livelihoods of remote Aboriginal communities across central and northern Australia.

This provides us with a unique appreciation of the important relationship between people, place and technology, as well as the role that innovation plays in charting a viable future for remote settlements.

We understand, however, that technology and its role in people's lives is not static; consequently CAT Projects also engages in significant research and thinking around our areas of expertise, specifically considering new ways of providing people with energy services and the benefits this can accrue.



OUR VALUES

Excellence in Engineering

We apply technical rigour and pragmatism to all our work, leading to high quality and innovative solutions that have been recognised as outstanding by Engineers Australia a total of four times since the company's inception in 2007. This includes being honoured with the highest accolade that Engineers Australia confers on a project: the Sir William Hudson Award, for our work with the Bushlight India Project.

Active Engagement

A practical understanding of the critical relationship between people and place and the role of high quality engagement informs all elements of the technical design work that we do. This approach is supported by standardised, proven and replicable consultation processes and backed up by an accredited ISO 9001 quality management system.

Continuous Learning

Recognising that we operate in an environment influenced by rapid technological change, CAT Projects undertakes active knowledge development of all its staff and stakeholders. This allows us to be flexible and responsive and deliver to our clients high quality solutions in a competitive environment.



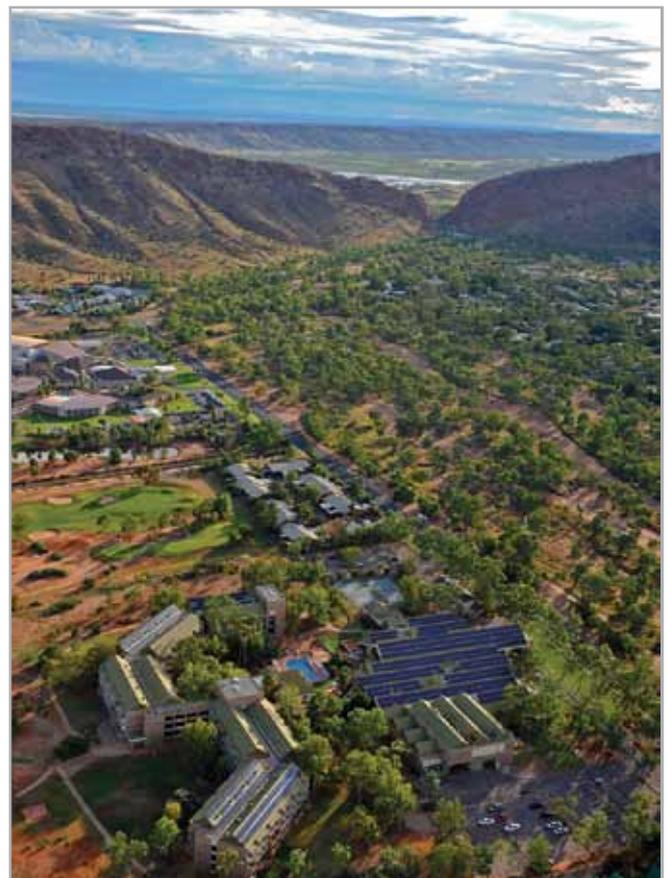
OUR WORK

CAT Projects operates both internationally and within Australia, providing private consulting services individually and in partnership with other providers.

Our clients include state and national governments, intergovernmental agencies, power utilities, community service organisations and large commercial firms.

CAT Projects has provided project management and engineering services for three of the largest solar power plants in Australia; developed - along with Desert Knowledge Australia - the unique and internationally recognised Desert Knowledge Australia Solar Centre; and initiated, developed and managed the award winning Bushlight India Project.

CAT Projects experience and capabilities also include extensive work modelling, designing and developing control systems for high penetration PV systems for remote diesel minigrids, and project management of large infrastructure projects, including the \$18 million Alice Springs Aquatic and Leisure Centre.



Established in 2007, CAT Projects is a wholly owned subsidiary of the Centre for Appropriate Technology Incorporated (CAT Inc.), a Northern Territory based, and Indigenous controlled, not-for-profit association.

CAT Inc. works to secure sustainable livelihoods for communities of Indigenous people through appropriate technology. It provides information, knowledge and practical services across a range of areas including energy, housing and infrastructure, water, waste, telecommunications, transport and technical skills development.

CAT Projects
Desert Knowledge Precinct
PO Box 8044, Alice Springs NT 0871 Australia
Tel: +61 8 8959 6240 Fax: +61 8 8959 6111
Email: enquiries@catprojects.com.au

CAT Projects is a trading name of Ekistica Pty. Ltd.
ABN 74 126 787 853.



www.catprojects.com.au