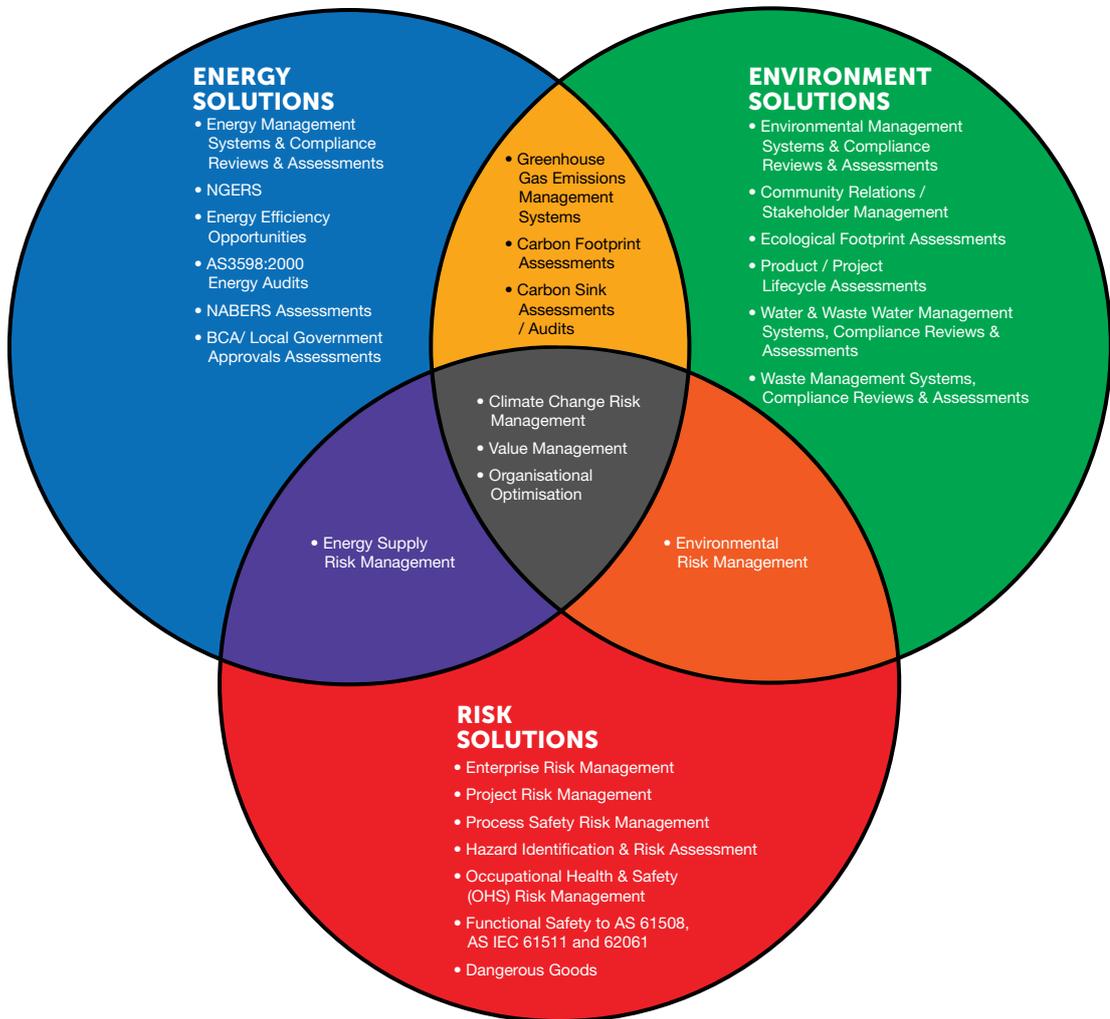


PRACTICAL SOLUTIONS - THE MAP



The Alberfield Solutions At Work

Alberfield's approach is to apply specialist skills across three broad areas of expertise.

The above diagram illustrates our broad skill set and highlights overlapping areas that can impact on your organisation's objectives. Our review process ensures all areas are covered.

We take the widest view of any problem presented to us to deliver the best value, practical solutions. Alberfield looks for the complete holistic solution to any practical problem as a starting point. From here we analyse the value for each component of the proposed solution and arrive at the best value solution in consultation with your organisation.

Details of Alberfield solutions to common Energy, Risk and Environment problems and requirements are provided in this manual.

Is your problem not on the list? Talk to us about how we can tailor a solution for your problem.



THE DIRECTORS



Alan Carmody

Director / Principal of Alberfield Pty Ltd since 1995.

A background experience ranging from psychology through geology, cartography, naval architecture, power and control systems engineering to applied physics, renewable energy systems, environmental management, risk management, sustainability and value management combined with a drive and commitment to achieving balance in all things (the impossible dream perhaps) has led Alan to his current place in life.

From a technical perspective, Alan has over twenty years' experience in coordination and management of technical projects large and small, in energy, environment and risk management, including development and delivery of monitoring and information systems in the mining, processing, power, water and wastewater industries. This is combined with a further three years in technical support roles in the mining, processing, petrochemical, on and offshore oil and gas, building services, manufacturing and marine sectors.

From a client perspective, Alan has a commitment to excellence while achieving the engineer's mandate of "fit for purpose".

Alan is an Associate Member of the Institute of Engineers Australia, Sustainable Engineering Society (SES), Information Technology, Electrical and Electronic Engineering (ITEE), and is an accredited TUV Functional Safety Engineer (TUV FS Eng).

Alan's key interests aside from his work include sailing, hiking, camping, music, flying, physics and space exploration.

Alan is married with four children.



Mike Dean

Director / Principal of Alberfield Pty Ltd since 2008.

Previously Director/Principal of Axial Consulting for 4 years, an engineering consultancy providing services in regards to project management, risk management and risk engineering in the resources sector.

Over twenty years' experience in risk management and loss prevention in an industrial context, technical engineering requirements for safe and reliable operation within industrial plants, project management of "green" and "brown" field projects, design, construction, commissioning and maintenance of electrical, instrumentation and control system equipment - especially in critical or hazardous applications, electrical equipment and its maintenance within Hazardous Areas.

Mike is a member of the Institute of Engineers Australia (including the Risk Engineering Society) and the Society for Risk Analysis. He is accredited with CFSE as a Certified Functional Safety Expert in Machinery Safety, and to the UEENEEM015B qualification for the classification of Hazardous Areas.

Mike is a keen dinghy sailor, being a member at Perth Dinghy Sailing Club and bushwalker. He is married with three children.