



# Australian Tropical Expertise Consortium

## WORLD LEADING TECHNICAL AND MANAGEMENT EXPERTISE IN THE TROPICS

The Australian Tropical Expertise Consortium (ATEC) is a specialist group offering expertise suitable to international and Australian clients in government, non-government organisations and private sector seeking a diverse and highly skilled network of specialist consultants. This collaborative mix of research institutions and significant private enterprise brings together knowledgeable and experienced people to offer innovative and practical solutions at a local level across the global tropics.

Many individuals in ATEC are recognised as international experts in their field. Institutional members include James Cook University, Commonwealth Scientific and Industrial Research Organisation (CSIRO) and the Australian Research Council (ARC) Centre of Excellence for Coral Reef Studies. Management bodies such as Wet Tropics Management Authority create best practice governance platforms for natural resource and protected area management. The ATEC network includes international engineering firms such as ARUP, Maunsell and GHD.

Living and working in the tropical environment of northern Queensland has given businesses and research organisations the opportunity to develop unique ways of working in the demanding tropical conditions typical of the Asia Pacific Region. Whether it be in protected area management, tropical health, planning and project management of tropical buildings, infrastructure and construction or water management, the Australian Tropical Expertise Consortium offers innovative and practical solutions to global tropical economies.





## Our tropical expertise advantage

### Location

Tropical North Queensland with its natural wealth of reef and rainforest has been a drawcard for leading edge institutions, researchers and best practice management protocols.

With our international airport, the region is just hours from most Asia Pacific destinations ensuring cost-effective placement of consultants. As experts who live and breathe the tropics, we understand the challenges of remote and tropical locations.

### People

ATEC members have a high level of experience and knowledge that extends theoretical perspective to practical application across indigenous and international spheres. As a client, you have access to more than 80 experts from over 45 organisations.

### Services

Over 80 diverse skills are offered as part of the consortium's capabilities. Our service providers are proud of the quality of work and excellent reputation. They are long term, well established businesses familiar with the needs of international clients.

### Collaboration

Private businesses frequently partner together or with institutions to offer client-focussed solutions. ATEC members can offer a collaborative project team to ensure client needs, no matter how specialised, are met with a holistic, systematic approach.

### Innovation

The region has a reputation for delivering practical and achievable solutions in tropical environments in the Asia Pacific region with a high level of innovation.

World leading infrastructure developments in the tropics include: Cape York Peninsula Development Road, Skyrail, Cairns Convention Centre, Ma:Mu Canopy Walk and the Cairns Esplanade Development.

### What we can do

- offer a central point for multidisciplinary project teams and management
- offer personnel with tropical know-how and understanding of working in tropical conditions
- source leading edge expertise in niche areas
- cost effectively travel within the Asia Pacific area

## Our capabilities

### Tropical environmental management

- environmental management and planning
- world heritage and protected areas
- coastal zone management
- land use and planning
- waste processing and water management
- climate change
- environmental auditing
- community and indigenous peoples engagement
- international and Asia Pacific environmental law policy development
- risk assessment and management

### Tropical living

- construction and design in tropical climates – road and powerline engineering
- eco and urban planning and consulting
- ecotourism planning and construction
- civil and structural engineering
- architecture and landscape planning
- disaster management, including mitigation and recovery
- education and training
- sustainable energy, housing and construction

### Tropical primary industries

- tropical horticulture and plantation management
- sustainable agriculture
- tropical aquaculture
- tropical forestry

### Tropical health

- tropical disease management
- population health management
- research and development

## For more information, please contact

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### Supported by



**Queensland Government**