



## Integrated Water Management

### Introduction and company overview

Axiom Water Technologies Pty Ltd is a specialist Water Quality and Integrated Water Management Consulting Service based in Cairns, Tropical North Queensland.

We work in Participatory Development and Technical aspects of Environmental, Water and Wastewater related consulting practice.

Our objective is the integration of water supply, sanitation, environmental health, hygiene and nutrition approaches targeted towards social and institutional change to achieve positive long term outcomes.

### About integrated water management

The integrated water management approach helps to manage and develop water resources in a sustainable and balanced way, taking account of social, economic and environmental interests. It recognises the many different and competing interest groups, the sectors that use and impact water resources, and the needs of the environment.

The integrated approach co-ordinates water resources management across sectors and interest groups, and at different scales, from local to international. It emphasises involvement in national policy and law making processes, establishing good governance and creating effective institutional and

regulatory arrangements as routes to more equitable and sustainable decisions.

A range of tools, such as social and environmental assessments, economic instruments, and information and monitoring systems, support this process.

### Core competencies

Experience in regional and remote areas working with development organisations and private industry in the design and implementation of:

- Integrated water supply, environmental sanitation and hygiene projects.
- Participatory Rural Appraisal (PRA)
- Capacity building of local people
- Governance improvement strategies
- Implementation and evaluation of development programs with a focus on sustainable, community-led outcomes
- Community-led Total Sanitation (CLTS)
- Participatory community planning
- Gender mainstreaming
- Implementation and evaluation of development programs with a focus on sustainable, community-led outcomes
- Development of water resource policy, planning and project implementation

## Key staff

**Peter Sharry MIWM, BAppSciChem**

### Principal Consultant

Peter holds a Masters Degree in Integrated Water Management and a Bachelor Degree in Applied Chemistry. He has over 25 years of experience specialising in water and wastewater treatment and natural resource investigations. He has worked on participatory development projects in Vanuatu, Kiribati, Papua New Guinea and Australia for the past five years.

**Tari Bowling MIWM, BEnvSci - WASH Specialist**

Tari has a Master of Integrated Water Management degree and over 13 years of experience. She specialises in the field of WASH and nutrition, CLTS, participatory community development, environmental management, and water resource management with a focus on project integration. For the past four years she has lived in the Lao PDR designing and delivering an Integrated WASH and Nutrition program.

## Relevant project experience

- Naringel School WaSH project, Los Negros Island, PNG.
- Outer Islands Climate Change Adaptation Water Supply Project, Kiribati.
- Implementation of the Theun-Hinboun Power Company (THPC) Integrated WASH & Nutrition Program
- Integration of environmental health/ waste management; Water Safety Plans, CLTS, WASH in Schools and community development activities
- Liaison and support to THPC staff, government counterparts and collaborative partners;
- Support to Environment Unit and development of THPC Water Quality Monitoring & Evaluation Plan
- Advising on THPC Environmental Management Plan
- Village water supplies assessment and planning, Kerema district PNG
- Drinking water options assessment for project affected villages in the Gulf Province PNG

- Integrated planning support for development of indigenous lead resource extraction project, energy project and sustainable community development, Yuku-Baja-Muliku Landowners & Reserves Ltd

## For More Information Contact

**Mr Peter Sharry - Director**

M: +61(0) 407 090 040

M (PNG): +675 7909 6090

E: [peter@axiomwatertech.com](mailto:peter@axiomwatertech.com)

W: [www.axiomwatertech.com](http://www.axiomwatertech.com)