



ATCDI

APPROPRIATE TECHNOLOGY AND COMMUNITY DEVELOPMENT INSTITUTE

RESEARCH, DEVELOPMENT, APPLICATION AND DISSEMINATION OF APPROPRIATE TECHNOLOGY

About Us

Founded in 1978 at the Papua New Guinea University of Technology, our institute began its journey as the Appropriate Technology Development Unit, later evolving into ATCDI in 1981. Over the years, our unwavering mission has been to pioneer novel technologies that enhance the quality of life within Papua New Guinea communities, particularly those in rural areas. Through our work, we strive to propel rural development in a culturally sensitive and sustainable manner, fostering positive changes and lasting impact in the community.

Our collaborative efforts with government institutions, non-government organizations, community groups, and donor agencies enable us to conduct comprehensive research and develop apt tools and techniques to cater to rural development needs. Our experienced team of Engineers, Scientists, Technical and Community Development Officers are dedicated to disseminating knowledge on these transformative technologies to communities both within and beyond Papua New Guinea. Amid the challenges posed by politics, economics, and societal, technological, ecological, and legal requirements, we have persevered for over 45 years, committed to making a tangible difference in people's lives. As we continue to grow and adapt, our focus expands to include the urban peripheries, recognizing their equally crucial need for basic amenities. Together, let's create a future where every community has access to appropriate technology and resources for a better quality of life.

Vision

Research, Development, Application and Dissemination of Appropriate Technologies.

Mission

Improve living standard in PNG.

Core-Values

1. Community, particularly those in rural remote areas less service by Government.
2. Application and sharing of suitable skills and knowledge with communities.

ATCDI ESTABLISHED PROGRAMS

At present the ATCDI focuses on five (5) Key Program Areas:

ENERGY PROGRAM

The Energy Program conducts feasibility studies and implements micro hydro-power, solar power, and other energy systems in rural areas. By providing access to renewable energy sources, the Energy Program aims to improve the quality of life for rural communities while minimising environmental impact.



APPROPRIATE TECHNOLOGY PROGRAM

The Appropriate Technology Program (Small Industries) focuses on the development and promotion of suitable tools and equipment from available resources to enhance income-generating activities among Papua New Guinea (PNG) communities. The program works to empower communities by providing them with the skills and resources they need to become self-sufficient and economically independent.



WATER AND SANITATION (WaSH) PROGRAM

The Water Supply and Sanitation Program provides technical assistance and training to improve infrastructure mainly in the areas of water supply and sanitation. This program conducts research, develops, and tests new technologies and equipment suitable for use in Papua New Guinea. By improving access to clean water and sanitation, the program aims to improve the health and well-being of rural communities.



FOOD AND DOWNSTREAM PROCESSING PROGRAM

The Food and Downstream Processing Program conducts research and development of small-scale, community-based food preparation and preservation techniques using local produce, with a focus on promoting health. This program seeks to improve food security and provide communities with new income-generating opportunities.



LIKLIK BUK INFORMATION CENTRE

The Liklik Buk Information Centre is a program run by the Appropriate Technology and Community Development Institute (ATCDI). Its primary function is to publish and distribute various development publications, manage a resource library, and provide information to urban and rural communities.



For more information on what ATCDI can do for you, contact our office, or visit our New Website: