ECOPOD

ECOPOD

The ECOPOD is a componenet based housing product that provides a flexibile architectural designed modular home in an environmentally responsible way. The design system consists of a variety of modules that can be put together to fullfill the needs of any project. The modules consits of pods for living, dining, bedrooms, kitchens, bathooms, ensuites and outdoor living areas. The construction itself has been futher deconstructed into components which are flat packed and can be shipped to any location. The components are quite quickly assembled into the final product - providing both price and time certainty for people looking to for a new environmentally responsible home or holiday resort solution. www.ecopod-thailand.com
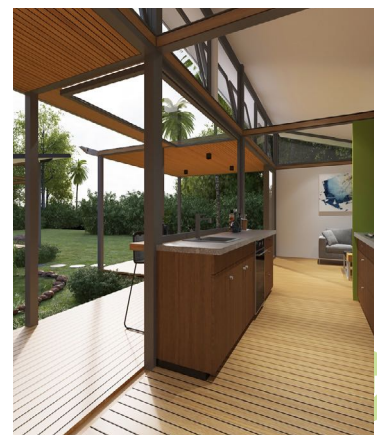
PROJECT OVERVIEW

CLIENT
Ecopod

LOCATION
Koh Samui Thailand

FLOOR AREA
varies

COMPLETED
Under Construction

PROJECT VALUE
$700-$900 USD/m2

CONTRACTOR
Ecopod

ECOPOD

BARRON COURT & UTAH DRIVE

A cost effective solution for a mining community

Lightwave were chosen by the mining company's project manager to design a modular housing product for an expanding mining community located in the central Queensland mining belt.

The brief was to deliver a product that was cost effective in its design - inherently by the smaller nature of the dwellings, and also by close consideration of construction cost efficiency, repitition of layouts and design details, and the life cycle costs of materials specified. The dwellings were to be designed for occupation by small families or couples without children, with two bedrooms suitable for share households.

PROJECT OVERVIEW

CLIENT
Urban Land Development Authority & BMA

LOCATION
Moranbah, Central Qld
Australia

FLOOR AREA
$90m^2$-$100m^2$

COMPLETED
in progress

MODULAR BUILDING SYSTEMS

Smaller dwellings, repitition of layouts and design details fulfilled
the brief, which was to deliver a product that was cost effective in
its design and construction.

THE LIGHTWAVE TEAM

LIGHTWAVE INTERNATIONAL

MARK WALSH
Director

Bachelor of Architecture Queensland University of Technology
Graduate Diploma Architecture Polytechnic of North London
Bachelor of Applied Science Queensland University of Technology
Board of Architects Queensland No. 2854
NSW Architects Registration Board No. 6829

RELEVANT EXPERIENCE

Education
Aged Care
Retirement Living
Apartment Design
Permanent Modular

Mark is a qualified and registered architect. Lightwave was established thirteen years ago as an architectural studio to provide design concepts that strengthen business models and project branding.
As a talented designer, Mark recognized that quality design outcomes from an architectural company should be a fait accompli and Lightwave's focus has been on the delivery of service to architectural clients, including intergrating into the management of the entire delivery process.

The ethos of Listen, Understand, Create provides all team members with a framework to approach design and problem solving tasks, from a user experience level to the delivery of architectural information to stakeholders.

Mark's design experience over a career of 30 years extends from small home design to large scale urban projects, from pencil sharpener, designer, project manager, documenter, on-site manager, architect, project director to development manager. The broad array of experience reflects his interest in context and the need to identify, include and provide creative solutions to the needs of the multitude of players in any building project.

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