

Smart Cooling in the Tropics Project Brief

Between 2012 and 2016 the Australian Government's Low Income Energy Efficiency Program (LIEEP) supported 20 national research based projects. The purpose was to trial approaches to improve the energy productivity of low income households. Smart Cooling in the Tropics was one of these projects.

Smart Cooling in the Tropics received \$2.7 million in funding from the Department of Industry, Innovation and Science and was delivered by the Environment Centre Northern Territory in collaboration with Charles Darwin University and supported by four locally based social welfare agencies.

It was one of Northern Australia's first large-scale projects to identify and measure the best approaches to residential cooling, comfort and energy productivity in tropical Australia.

Smart Cooling in the Tropics was unique in that its energy efficiency measures were solely focused on understanding and improving environmental cooling and comfort in a tropical Australian climate. This objective was achieved with climate appropriate retrofits and a successful education model.

LIEEP has allowed the Environment Centre NT to work with a diverse group of Top End residents and partners. Its outcomes stand to be used to inform energy, housing and health policy, and to influence the development and modification of building codes and other

rating systems to make them appropriate for Australia's tropical environment.

The Environment Centre NT

The Environment Centre NT is the leading community environment organisation in the Northern Territory, Australia. The Environment Centre NT and predecessor organisations have been working to protect the environment since 1983.

The Environment Centre NT works to protect and restore Top End biodiversity and ecosystems, foster sustainable living and development, and cut greenhouse gas emissions and build renewable energy capacity.

Since 2002 the Environment Centre has supported COOLmob a sustainable living program delivering practical information and environmental education, training, home energy assessments and the delivery of retrofit and capacity building projects.

For more information contact:
Jessica Steinborner Project Manager
jessica.steinborner@ecnt.org or 8981 3642.