

INNOVATION HOUSE CASE STUDY TROPICAL TINY HEALTHY HOUSE

WHERE

Townsville in North Queensland, but this tiny house is also on wheels, so it travels.

REQUIREMENT

Innovation House were engaged by Melbourne University to develop a healthy house prototype.



REQUEST

The client was specifically interested in the material selection, processes used and the resulting indoor air quality of the built product. Being a tiny house on wheels the house allowed the client to live modestly without many of the typical household pollutants and even change location to suit the season.



METHOD

Funded by CSIRO this project has helped to demonstrate some healthy housing options that have also triggered some keen interest with design students from local schools, James Cook University, and Tiny House advocates across the nation, who are following the success of this prototype. Since the launch in 2019 this house has seen constant domestic and international interest.

PRODUCTS

To produce a healthy house some of the products used included:
Colorbond sheeting, steel frame, insulated, secure louvre windows, hygienic stainless steel lining.

RESULTS



Stainless Steel Construction

Low-offgassing, resistant to microbial growth



Affordable

A smaller footprint means less cost



Passive Ventilation

Little need for air conditioning



No Petrochemicals

No materials such as glues or sealants, manufactured wood products & others

PLUS!

- ✓ ABC News Article
- ✓ Interest from local schools and universities

