

# BRANZ

## Who We Are:

BRANZ's core purpose is to improve people's lives through our research and to inform, educate and motivate those who shape the built environment. This is achieved through the work of over 100 highly trained specialist staff located in Wellington, Auckland, Hamilton and Sydney. With this broad range of experience and capabilities, and a holistic understanding of the industry, BRANZ is able to provide a one-stop shop for problem-solving and information uniquely focused on building and construction.

The Sustainable Built Environment team at BRANZ has identified seven key areas or 'domains' where we believe we have expertise in providing research and consulting to the construction related industries and government both central and local.

- Life cycle assessment
- Energy and renewables
- Water
- Sustainable buildings (design rating tools, climate change, business practice, maintenance etc)
- Behavioural science
- Urban design
- Communication and education

## What We Are Doing:

Specific work BRANZ is currently carrying out or will carry out in the next two years includes the following.

- Household energy end-use project
- Eco-Design Advisor project
- Sustainability website for the industry will be released in May
- Understanding how we need to build to adapt for climate change
- Green homes Scheme
- Developing a GHS for retrofit of houses
- Health issues in building – dust mite cross infection, healthy housing index
- Commercial buildings – assisting the NZGBC in developing their rating tool, developing a simple tool for environmental workplace assessment
- Solar wall project – how effective are they. Also future research will look at effectiveness for schools and other system types.
- Effect of active cooling
- Solar hot water and heat pump monitoring programme
- Impact of Heat pumps for NZ – desk top study
- Beacon monitoring of the NOW Homes and retrofit homes.

## How To Contact us:

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