

LOW CARBON ALT+ADDS PRIZE



With a minimal footprint increase, this 'ex-govie' home has been creatively upgraded to enhance its liveability and functionality; measurably extending its life span.

Notorious for their air-leakage and generally poor occupant comfort levels, the starting point for Little Loft House was expectedly low with a 3.8star rating and 37% carbon emissions increase when compared to the average new Canberra house. By valuing building performance enhancements over floor area increases, the architects and owners have achieved an exemplary outcome on a modest budget. Retention of the existing fabric, upgrading windows and insulation, and making smart material choices has led to a more liveable and efficient home with a dramatically reduced carbon footprint.

This project illustrates that, in the right hands, 'ex-govie' homes can be adapted to achieve positive outcomes for both the occupant and our environment.

LIGHT HOUSE ARCHITECTURE AND SCIENCE LITTLE LOFT HOUSE ALTS+ADDS | 1 STOREY



SCAN ME



Little Loft House is a rejection of the 'disposable' mindset by breathing new life into a home that many would consider ripe for a 'knock-down/rebuild'. Working mainly within the original footprint, the existing external walls, roof and slab were all largely retained, as were some internal walls. The floor plan was rejigged and extended by just 13m2 to create a new family home of just 136m2, with more functional space and better connection to the outdoors. The new home achieved an EER of 7.7 stars, is now all electric and total energy consumption has dropped by 69%.

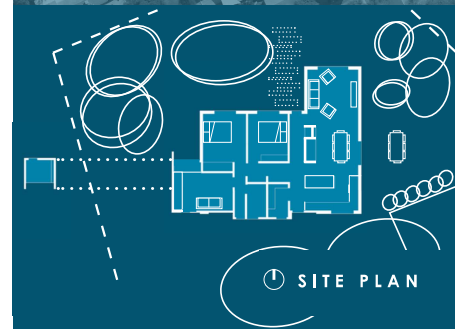


CANBERRA
LOW CARBON HOUSING
CHALLENGE

≥77%
improved

EXCELLENT

GLOBAL WARMING POTENTIAL



SITE PLAN