

ECO HOME BUS TOUR 2022

NORTH PERTH

REVISITED



About North Perth Revisited

Carolyn

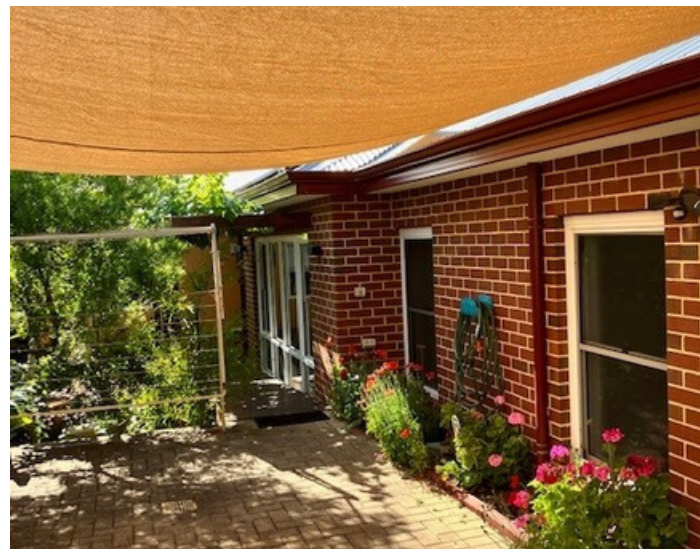
In 2009, when I approached Solar Dwellings to design the extension to my 95 year old cottage in North Perth, I was keen to have an effective passive design which incorporated universal access and sustainability principles and would also convert the 2x1 house into a 4x2 home. The extension has certainly delivered on my expectations and in addition to other changes to the original cottage, such as underfloor insulation and sealed up fireplaces, my home has become a very liveable light-filled space that feels very peaceful and comforting. As a bonus, I have not paid any electricity bills for 12 years despite only having a 1.5kw solar panel system



2/3 x BED



2 x BATHROOM



SOLAR DWELLINGS
SMARTER SUSTAINABLE HOMES

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SUSTAINABILITY FEATURES



ENERGY EFFICIENCY

- Energy efficient lighting
- Energy efficient appliances
- Draught proofing
- LED Lights throughout
- Natural daylight
- Zoning



PASSIVE HEATING/COOLING

Passive solar designed home including

- Cross flow ventilation
- Thermal mass
- External shading
- Pelmet with curtains

ACTIVE HEATING/COOLING

Mechanical heating and cooling systems

- Ceiling fans



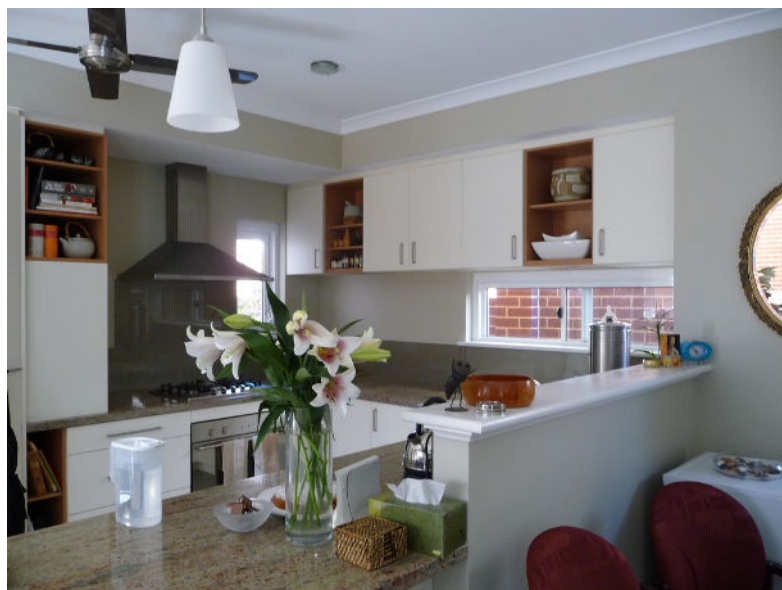
INSULATION

- Anticon under roof
- Ceiling batts
- AirCell Permicav to double brick walls
- Comfort Wall R1.35 to existing walls



AGEING IN PLACE/LIVABLE HOME

- 870 Wide doors to extension
- Hobless shower recess
- Tapware accessible outside shower recess
- No steps inside home
- Window openings easily accessible



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RECYCLED MATERIALS

- Timber floor boards
- Timber screens
- Cast iron bath
- Cast iron basin

WASTE REDUCTION

- Book exchange library
- Composting of food scraps
- Make jam, pickles etc
- Reuse and recycle where possible
- Tool exchange library
- Toy exchange library
- Swap with friends and neighbours to reduce waste
- Waste recycled and reduced during construction



HEALTHY HOME

- Overhead cupboards to ceiling to reduce dust
- Cross flow ventilation
- Natural light and ventilation



WATER EFFICIENCY

- Water efficient appliances
- Low flow shower heads and tapware

