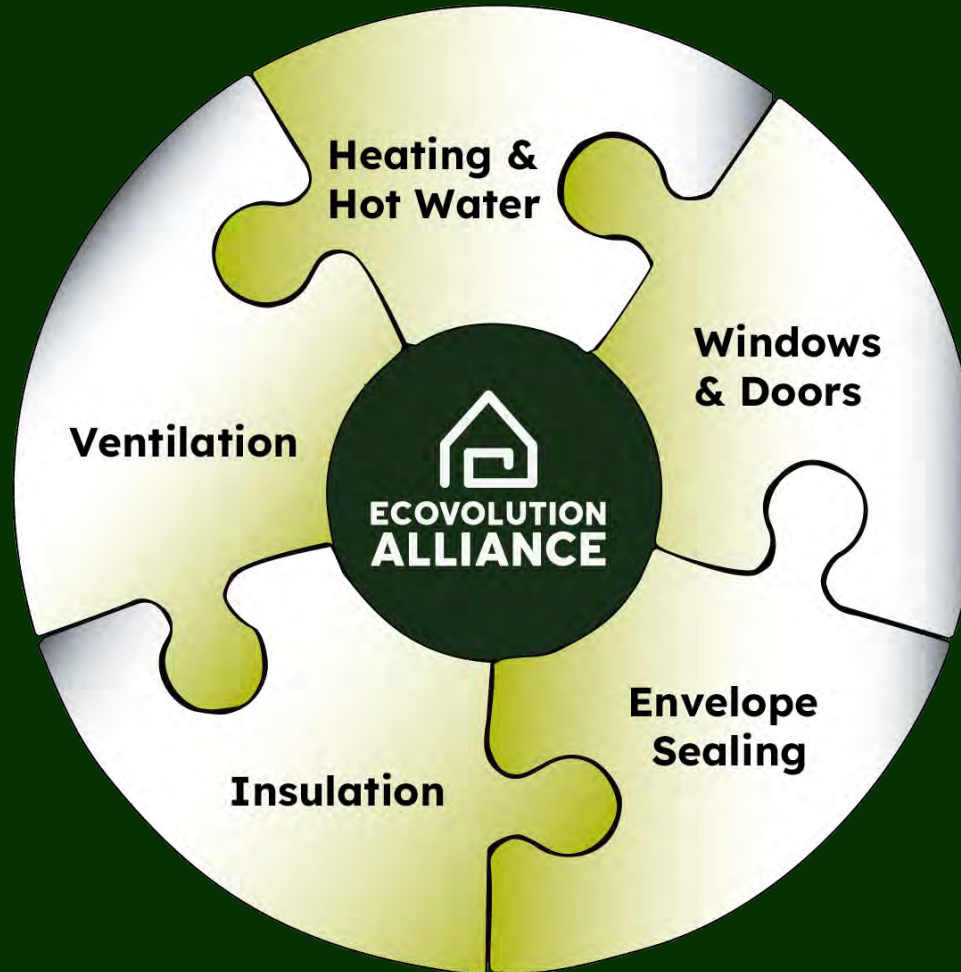


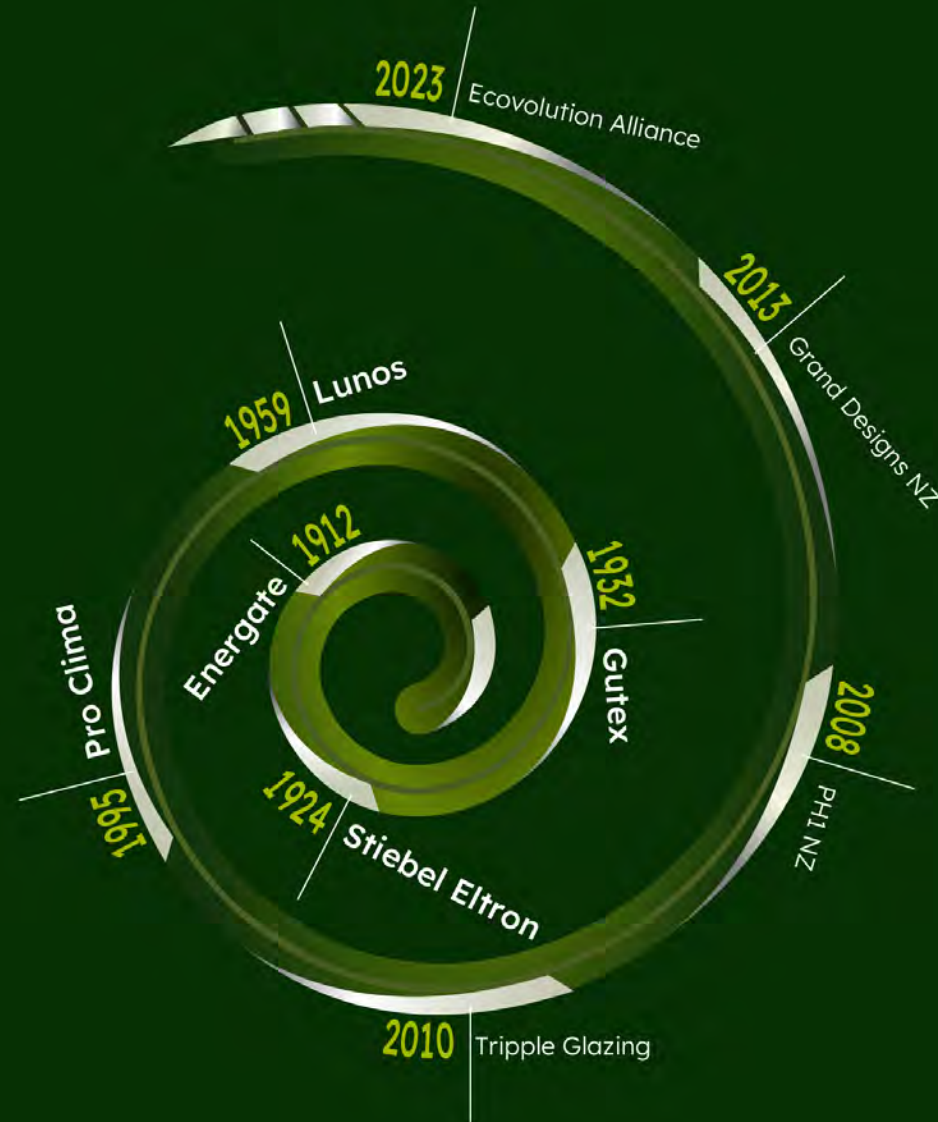


**ECOVOLUTION  
ALLIANCE**

# We are more than just products...



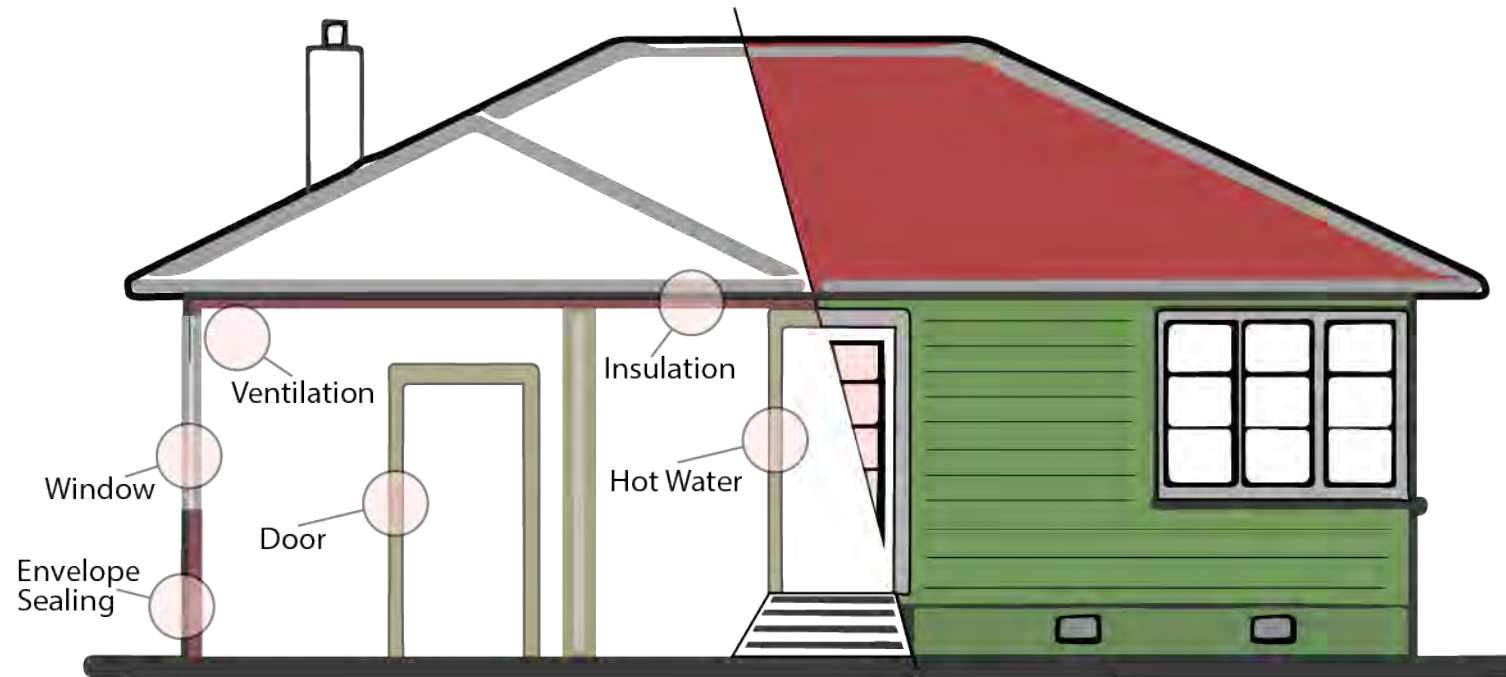
# We are more than just products...



# We are more than just products...



# We are more than just products...



Energate – Windows and doors



More than just windows and doors...

### 1. Energy Efficiency

**Cutting edge technology to provide exceptional thermal performance. With advanced insulation materials and precision engineering, they minimize heat transfer and air leakage, resulting in reduced energy consumption and lower utility bills.**

### 2. Design Integration

**The windows offer a seamless integration of energy efficiency and architectural design. Crafted to complement various building styles, from traditional to contemporary, ensuring that your windows and doors not only enhance energy performance but also elevate the overall aesthetics of your space.**

### 3. System

**Comprehensive system solution by offering a range of products, including windows, entrance doors, and sliding doors, designed to work harmoniously together.**





# Gutex – Wood fibre insulation





More than just insulation...

### 1. Sustainable

Made from recycled wood chips from sustainably managed forests. More carbon is stored in the wood fibre than emitted by manufacture.

### 2. Diffusion open

Wood fibre insulation allows moisture vapour to move through the insulation preventing a build-up of damaging condensation. This prevents mould forming and ensures great indoor air quality.

### 3. Ease of use

Wood fibre insulation can easily be installed as either additional insulation on the exterior of the framing, as bulk insulation, or blown into cavities.





pro clima – External and internal envelope sealing



More than just tapes and membranes ...

### 1. Weathertightness

**Our weathertightness system ensures a weathertight building envelope while maximising the drying potential of the wall, roof and floor. This is achieved with high performance, monolithic, non-porous weather resistive barriers (WRBs).**

### 2. Airtightness

**Uncontrolled airflow through the building structure drastically reduces the efficiency of insulation and will ultimately compromise the integrity of that insulation if moisture builds up within the envelope. An intelligent air barrier (IAB) protects the structure.**

### 3. Blower Door / WUFI

**In situ Blower Door test verification of the quality of installed intelligent airtightness systems reduces the risk of failure. Hygrothermal WUFI simulations allow for realistic calculations of the transient hygrothermal behaviour of multi-layer building components exposed to natural climate conditions.**





# LUNOS - Decentralized ventilation



More than just decentralised ventilation...

### 1. Heat Recovery

Ventilation systems with heat recovery are particularly efficient. They are especially recommended for living rooms and bedrooms, as they ventilate the rooms constantly without heat loss.

### 2. Sound Insulation

Sound insulation in ventilation systems is important to reduce unwanted noise and create a pleasant indoor climate. Inadequate sound insulation can lead to annoyance and health issues.

### 3. Exhaust Air

Exhaust air fans are very suitable for functional rooms such as bathrooms, kitchens or utility rooms. They transport the exhaust air either directly outdoors or via exhaust air shafts. They are available with or without heat recovery.





# Stiebel Eltron - Centralised ventilation





More than just centralised ventilation...

1. Efficiency

**Efficient** balanced ventilation **system** to supply fresh air to living areas and extract moisture from the wet areas.

2. Attic retrofit

**Easy** ducted installation **possible** for retrofits with roof space.

3. Savings

**Replaces** bathroom extract vents.



**STIEBEL ELTRON**

Stiebel Eltron – Hot water heat pump / heating



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More than just a Hot water heat pump and heating...



1. Efficiency

**Energy-efficient** alternative to **electrical hot water cylinders** or **gas instantaneous water heater** for all climate zones.

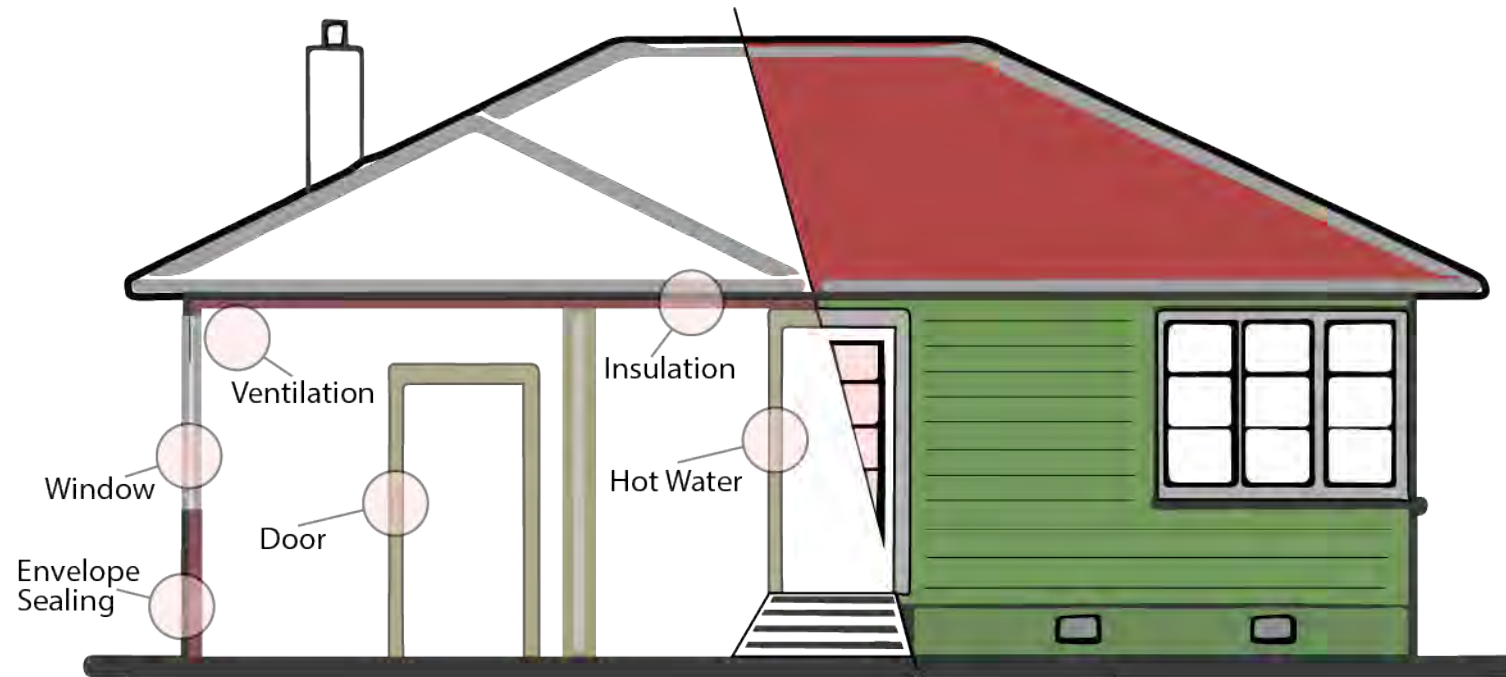
2. CO<sub>2</sub> reduction

**Most ecological hot water heating technology** reducing CO<sub>2</sub> emissions.

3. Heating

**Effective and simple** panel heaters provide the additional heating that might be required.

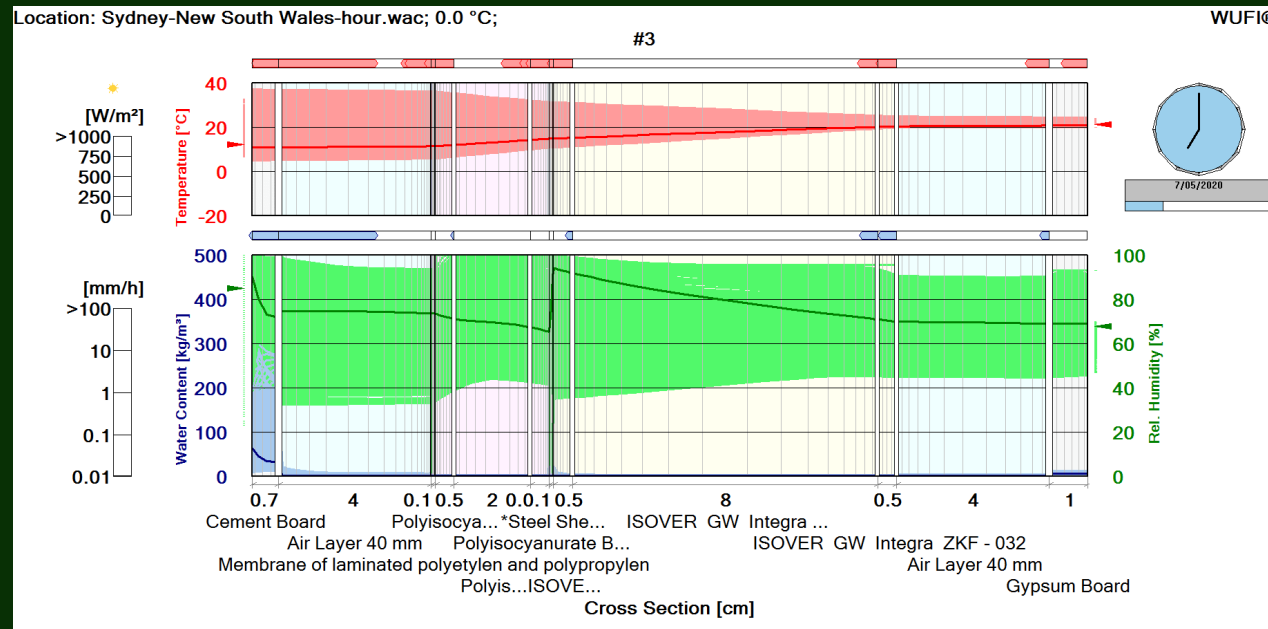
# We are more than just products...



# We are more than just products...



Right from the start we are here to support everyone involved. We offer specific theoretical knowledge transfer and can provide WUFI simulations to ensure optimum performance.



# We are more than just products...



- Insulation protected by Envelope Sealing
- Envelope Sealing to connect to Windows
- Windows to support Insulation
- Insulation/Windows & Doors support Heating & Hot Water
- Ventilation supported by Envelope Sealing



# We are more than just products...



We provide theoretical and practical training for installers of our products and systems. Centralised at the pro clima training facility in Auckland or locally when needed.



# We are more than just products...



**1.** Design support

Right from the start we are here to support everyone involved. We offer specific theoretical knowledge transfer and can provide WUFI simulations to ensure optimum performance.

**2.** Systems

All our products and systems are interlinked with each other. This will give everyone involved the outcomes they are expecting.

**3.** Training

We provide theoretical and practical training for installers of our products and systems. Centralised at the pro clima training facility in Auckland or locally when needed.

# A great New Zealand project...



Cohousing  
project  
Toiora in  
Dunedin

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ECOEVOOLUTION  
ALLIANCE

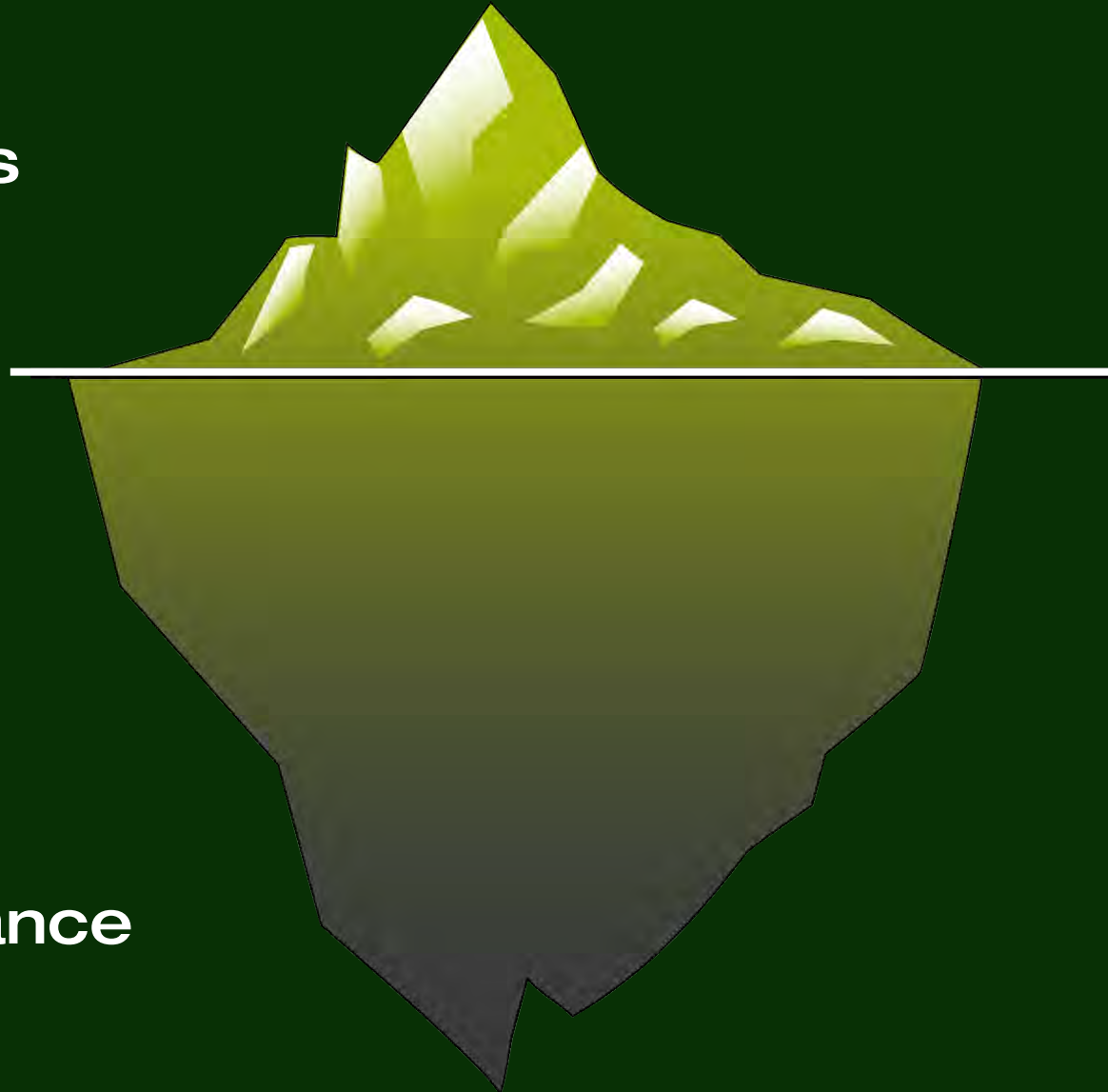
# How about the costs?

Material costs

Design costs

Local labour costs

Local compliance costs





# How about the costs?



**Saving Energy**  
An energy efficient home reduces your running costs and carbon footprint.

**Health**  
If your home is warm and drier all year round it has a positive effect on your health as it provides the optimum protection against mould and mildew.

**Comfort**  
With indoor air temperatures between 18 - 21 degrees Celsius and relative humidity between 40 % - 60 % all year round you feel more comfortable in your home.

**Investment protection**  
A well designed and built home, allowing for maximum drying capacity, offers the best protection against leaky building syndrome.

**Healthy Building**  
No Worries!

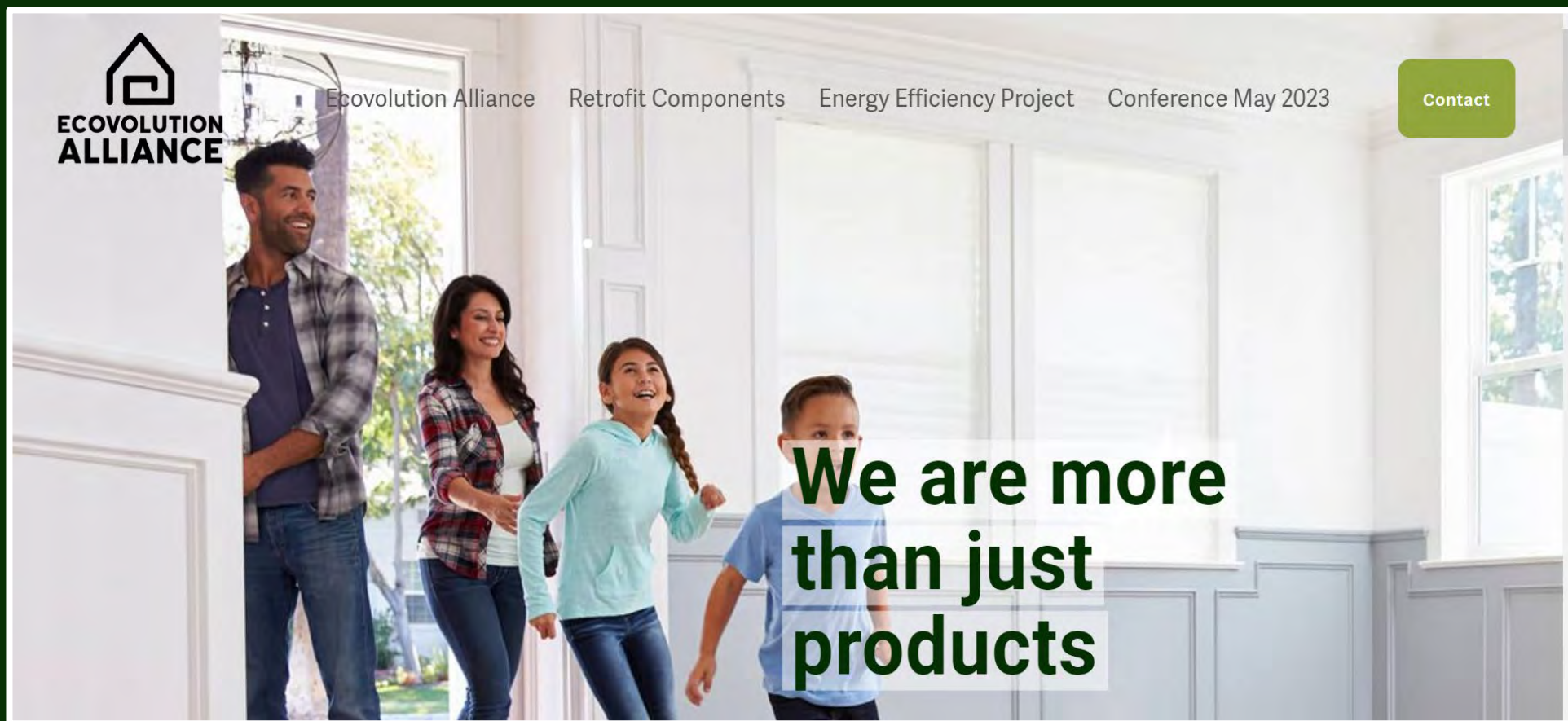
# Next steps?

Meetings in Wellington, Christchurch and Auckland.

A dedicated retrofit project as proof of concept.



# More information...



[www.ecoEvolution.co.nz](http://www.ecoEvolution.co.nz)



# More information...

Our team of professionals are taking care of business



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