



Welcome to the
Eco Design Advisor
Conference 2019

Housing fit for our future

The convergence of housing,
energy, and climate change

Auckland

24–25 October 2019



Independent advice for a comfortable, efficient, healthy home

For more information:
www.ecodesignadvisor.org.nz

Conference schedule DAY ONE

8:30 Registration

9:00 Welcome & opening

9:45 **Keynote speaker Associate Professor Janet Stephenson (University of Otago)**
'Climate change, energy and housing – what is possible in New Zealand?' Dr Stephenson's research has encompassed the 'energy cultures' of households, the impacts of climate change on communities, best practice management of NZ's electricity grid, and contributions to the Royal Society of New Zealand's report "Transition to a low-carbon economy for New Zealand".

10:25 Morning tea

10:45 **Setting the scene: what will climate change mean for our housing?**

Ryan Paulik (Deep South Science Challenge) on climate change and flood hazards in NZ – what does it look like and how have our homes coped so far?

Belinda Storey (Climate Economist) on Deep South Science Challenge research on locations most likely to lose insurance access, and what size event might trigger insurance retreat.

Matthew Blaikie (Auckland Council's Chief Sustainability Office) on Auckland's Climate Action Framework and its implications for Auckland's built environment.

Panel Discussion: questions from the floor.

12:20 EDAs and conference sponsors

12:30 Lunch

1:30 **What might climate change friendly housing look like?**

Scott Willis (Blueskin Resilient Communities Trust) on a blueprint for climate-safe housing: a community response to the combined climate and housing crises.

Shay Brazier (Revolve Energy) on the outcomes and lessons from his zero energy building projects and what might be applied more broadly in future buildings.

Rochelle Payne (the Living House) on the build of her family home in Auckland, designed to meet requirements of the Living Building Challenge, Homestar and Passive House.

Panel Discussion: questions from the floor.

3:00 Afternoon tea

3:30 **How do we engage our clients/customers?**

Sophie Heighway (Sustainability Initiatives Manager, Auckland Council) on 'Engaging with Aucklanders to reduce carbon emissions, and extending the reach of home performance advice'.

Maria Ioannou (Community Planning, Dunedin City Council) on 'Enabling communities to lead their own futures: DCC's innovative (and stolen!) approach to adapting to climate change'.

Jane O'Loughlin (Communications and Engagement Manager, EECA) on 'Connecting with Kiwis on climate change'.

Panel Discussion: questions from the floor

5:00 **Networking drinks** – Join the EDAs at Mezze Bar, 9 Durham St E, cash bar.

Conference schedule DAY TWO

8:30 Registration

9:00 Welcome

9:10 Tools to help build and design for climate change

Brian Berg (Building Environmental Scientist, BRANZ) on 'Life cycle carbon in buildings: what is it, why is it important, where is it being used internationally, how can it be accurately calculated in NZ, what is a good result, and where does Beacon's Waitakere NOW Home sit in terms of NZ carbon budget?'

Tricia Love (Sustainability Consultant, Living Building Challenge Ambassador facilitator) on her experience of using carbon assessment as a design tool for a multi-unit residential project in Auckland.

Panel Discussion: questions from the floor.

10:15 Morning tea

10:35 Best practice advice for households

Caroline Shorter (Otago University) on 'What we know about mould in our homes'.

Vicki White (BRANZ) on a new housing survey from 2018/19 and recent research findings to underpin advice to households.

Julie Villard (Eco Design Advisor, Christchurch City Council) on how to help households make smart heating choices that are good for them and the planet.

Panel Discussion: questions from the floor.

12:00 EDAs and conference sponsors

12:20 Lunch

1:20 Implementing change across the housing stock

Andrew Eagles (New Zealand Green Building Council) on research into the potential contribution of the residential sector to meeting NZ's 2050 zero carbon goal.

Eddie Thompson (Manager Warmer Kiwi Homes, EECA) on insights and lessons of delivering a national retrofit programme (Warmer Kiwi Homes).

Panel Discussion: questions from the floor.

2:30 Afternoon tea

2:45 Working session

A session to synthesise the learning on climate change, energy and housing.

4:00 Close

Thank you for attending this conference.

Email feedback to:
conference@ecodesignadvisor.org.nz



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THE DEEP SOUTH

Te Kōmata o
Te Tonga

The following councils offer an Eco Design Advisor service:



Eco Design Advisors are a council-based advice service helping their public design, build and upgrade homes to be warm, dry, healthy and efficient.

They are experts in the fields of home performance advice with a robust knowledge base which draws on the latest New Zealand and overseas research.

