

Sustainable Urban Design

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CityScope

Hamilton City Council
Te Kaitiaki o Kaitiaki



2010 Green Home Workshop series

All enquires to Megan Edmeades: megan@greenme.org.nz, 021 414 529

Retrofitting an existing home

Improve the energy efficiency of an existing home. Learn how to make your home warm, comfortable, healthy and energy efficient through insulation, ventilation, curtains, addressing condensation and other changes which mean big energy gains. You will also visit a home where you will put your 'energy audit' skills into practice.

Saturday May 1, 9:30-4pm, one day workshop, Wintec Hamilton, \$20

Tuesday May 18, 6:30-9, evening workshop (second part on Materials May 25), \$10

Presented by Ian Mayes, Hamilton City Council's Eco Design Advisor

Overview workshop – covering a bit of each topic outlined in the workshops below.



CAMBRIDGE Tuesday June 1, 9:30-4pm, \$20

Location TBC Tuesday July 6, 9:30-4pm, \$20



Materials

From the framing to exterior cladding to interior floors and wall claddings, you'll learn about the issue of toxicity of products used in housing and the alternatives available for all aspects, inside and out. An important part of the materials consideration is the minimisation of waste during the build by incorporating it into the design stage.

Tuesday May 25, 6:30-9, evening workshop (first part about Retrofitting existing homes May 18), \$10

Saturday August 8, 9:30-4pm, one day workshop, Wintec Hamilton, \$20

Presented by Ian Mayes, Hamilton City Council's Eco Design Advisor

Renewable Energy

Revisit amps and watts - how much we use vs. how much we need to use. Michael Lawley of Eco-Innovations, along with his trailer of interactive energy generation models, talks about ways of reducing energy loads, the gadgetry available to assist with this, and provides a hands on opportunity to learn about onsite micro generation, such as wind turbines, photo voltaic cells, and so much more.



Saturday Sept 4, 9:30-4pm, one day workshop, Wintec Hamilton, \$20

Presented by Michael Lawley of EcoInnovations

Water

Explores all aspects of water in the home – conservation, capture and storage for all uses, as well as onsite disposal of both grey and black water, and the tools to assist with all of these. Presentations include an insight from a residential property owner trialling onsite black and grey water disposal.

Saturday October 2, 9:30-4pm, one day workshop, Wintec Hamilton, \$20

Ben Thompson, Water Use Coordinator, Kapiti Coast DC



Site Considerations

This workshop focuses on the environment outside the house, including geographical aspects of wind, soil, existing tree placement, contour, and climate together with elements of landscaping and garden design, water harvesting for gardening, poultry, compost, fruit trees, shelter belts as well as other sustainable design considerations for the whole section.

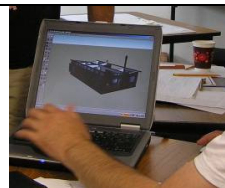
Saturday Nov 6, 9:30-4pm, one day workshop, Wintec Hamilton, \$20

NEW to the series!!

Presented by Ian Mayes, HCC's Eco Design Advisor

Passive Solar Design

A full weekend on passive solar design. For all involved in the design and construction of energy efficient and healthy homes – owner builders, builders, designers, architects and other professionals.



- CAMBRIDGE Tuesday June 22, 9:30-4pm
- Tuesday July 27, 9:30-4pm
- Saturday Nov 27 – Sunday November 28, 9:30-4pm, two day workshop, Wintec Hamilton, \$70

Presented by Ian Mayes, Hamilton City Council's Eco Design Advisor

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Dates at a glance

Workshop	Duration	Cost	Date	Presenter	Venue
Retrofit	One day weekend	\$20 per person	Saturday May 1, 9:30-4pm	Ian Mayes, Eco Design Advisor Hamilton CC	Wintec Hamilton
Retrofit	Evening	\$10 per person	Tuesday May 18, 6:30-9	Ian Mayes, EDA HCC	Venue TBC
Materials	Evening	\$10 per person	Tuesday May 25, 6:30-9	Ian Mayes, EDA HCC	Venue TBC
Overview of all topics	Week day	\$20 per person	Tuesday June 1, 9:30-4pm	Ian Mayes, EDA HCC	Cambridge – venue TBC
Passive Solar Design	Week day	TBC	Tuesday June 22, 9:30-4pm	Ian Mayes, EDA HCC	Cambridge – venue TBC
Overview of all topics	Week day	\$20 per person	Tuesday July 6, 9:30-4pm	Ian Mayes, EDA HCC	Location outside of Hamilton/ venue TBC
Passive Solar Design	Week day	TBC	Tuesday July 27, 9:30-4pm	Ian Mayes, EDA HCC	Location and venue TBC
Materials	One day weekend	\$20 per person	Saturday August 8, 9:30-4pm	Ian Mayes, EDA HCC	Wintec Hamilton
Energy	One day weekend	\$20 per person	Saturday Sept 4, 9:30-4pm	Michael Lawley, EcoInnovations	Wintec Hamilton
Water	One day weekend	\$20 per person	Saturday October 2, 9:30-4pm	Ben Thompson, Water Use Coordinator, Kapiti Coast DC	Wintec Hamilton
Site	One day weekend	\$20 per person	Saturday Nov 6, 9:30-4pm	Ian Mayes, EDA HCC	Wintec Hamilton
Passive Solar Design	Saturday and Sunday	\$70 per person	Saturday Nov 27 – Sunday November 28, 9:30-4pm	Ian Mayes, EDA HCC and other presenters	Wintec Hamilton

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