



DESIGN YOUR OWN ECO HOME WORKSHOP



This two and a half day **Design Your Own Eco Home Workshop** will help you develop a concept design for a new home that is healthier for you, your family and the environment. It involves both theory sessions and practical design sessions facilitated by experienced designers. The workshops are also open to “information only” participants, that is, for those who do not have a current project to work on.

About the Workshop

This workshop will present inspirational and practical information about healthier and more sustainable building. You will learn about what is involved in designing an Eco Home and the process involved in building one. Close interaction with experienced designers will help you to develop ideas for your own home. The workshop is divided into five teaching sessions: Introduction, Site Planning, Energy Design, Materials and Electrical/Plumbing. The workshop is ended with a completion session for presentation and discussion of projects.

The first half of each session introduces the theoretical and practical aspects of **Ecological Building and Design**. You will learn about various options and the practical issues around these choices. Comprehensive notes are provided for the theory sessions. The second half of each session is more interactive. Individual design projects will be discussed in small groups with designers and workshop instructors. Site information, design briefs and newly acquired Eco building ideas are transformed into design concepts, which gradually work towards creating an initial house design.

Workshop Leader

Alexander Greig – Architect and Building Biologist. Alex is a practising architect in Wellington and is the director of the **Building Biology and Ecology Institute**. He has been successfully using the design process taught in the workshop for the last eleven years. He is assisted in the workshop by local experts in the field of sustainable building and local designers.

Getting the Most from the Workshop

Before the workshop you will be given an **introductory design pack** including questions and activities to help you start thinking about your home design. Through collecting ideas and images of building forms, materials and interiors you will begin develop your own “pattern language” and clarify your preferences. You can also arrange for Alex to visit your site beforehand which helps facilitate the design sessions.

Workshop Schedule

Session 1, Friday 7pm-9pm

Theory: Introduction to ecological building, design ideas and philosophy.

Practice: Small group discussions on developing your design ideas and philosophy.

Session 2, Saturday 9am-1pm

Theory: Site planning (sun, water, wind, views, privacy, access, soil, vegetation, geobiology).

Practice: How your house as it relates to the site, activities around the building.

Session 3, Saturday 1.45pm-5.30pm

Theory: Design for energy efficiency: passive and active solar, wind, water, space heating, cooking.

Practice: Incorporating energy efficiency into your house design.

Session 4, Sunday 9am-12pm

Theory: Materials: what to use, availability and costs, alternative materials, colour, finishes and furniture.

Practice: Choice of materials, form and structure of your house.

Session 5, Sunday 12.45pm-3.45pm

Theory: Electrical installation: power and lighting, introduction to electro-biology.

Plumbing installation: toilet systems (compost and traditional), water collection and wastewater disposal.

Practice: Water, waste water and electrical systems for your house.

Session 6, Sunday 4pm-5.30pm

Completion: Presentation and discussion of projects

What to Bring

Bring a pen and notepad, your design pack and collected reference material, site plan, photos etc. You will need lunch for Saturday and Sunday, morning and afternoon tea is provided.

Course Fees

If you enrol for a Design Project, partners or members of your family who wish to be involved are welcome to attend at no extra cost. The options are as follows and are GST inclusive:

Design Project with Site Visit: Includes pre-workshop site visit, design assistance on your project during the workshop, Design Pack and handouts. **\$725**

Design Project without Site Visit: Includes design assistance on your project during the workshop, Design Pack and handouts. **\$545**

Information Only (Couple, single): Includes attendance at design sessions but without a project of your own, Design Pack and handouts. **\$265**

We encourage you to enroll early for the workshop if you can. This way we can assess early on whether the workshop will go ahead or will have to be rescheduled. It also gives you time to read some preliminary information which will let you get more out of the workshop as well as gather together some personal information before the workshop. We will not deduct any payment until the workshop is confirmed.

For more information: phone (04) 801 8180, 0800 223 272 or email bbe@ecoprojects.co.nz

The workshops are promoted with assistance from:

Home Ideas Centre www.homeideas.co.nz

BBE Architects www.ecoprojects.co.nz

Solar Energy Solutions www.solarhotwater.co.nz

Negawatt Resources www.negawatt.co.nz

Sustainable Design www.sustainabledesign.co.nz

Right house www.righthouse.co.nz

Elemental www.elementalenergy.co.nz

ENROLMENT FORM

I would like to enrol for the workshop in _____ on _____

I would like to enrol for the:

- Design Project with Site Visit \$725
- Design Project without Site Visit \$545
- Information Only (couple/single) \$265

Name(s) _____

Postal Address _____

Phone (Hm) _____ Phone (Wk) _____

Fax _____ Mobile _____

Email _____

Please debit my Visa MasterCard Please find cheque enclosed

Card # _ _ _ - _ _ - _ _ _ _ _ Signature _____

Account holders name on card _____

Expiry Date __ __ / __ __

Direct credit the payment into our bank account - Building Biology and Ecology
Institute BNZ **020536 0444101 00**

Please write cheques out to: Building Biology and Ecology Institute
Post to: BBE Institute, PO Box 1364 Wellington, 6003

Wellington office: Phone (04) 801 8180, Fax (04) 387 1043 or Free phone 0800 223 272

Auckland office: Phone (09) 479 3161

E-mail: bbe@ecoprojects.co.nz **Website:** www.ecoprojects.co.nz