

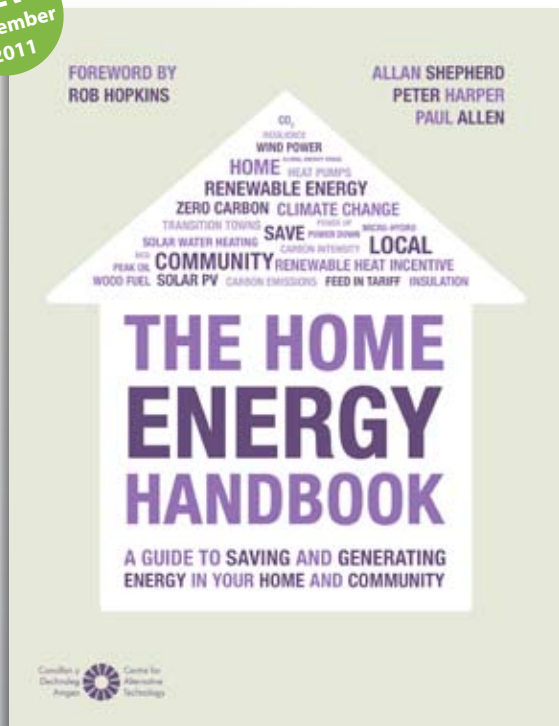
CAT Publications

Inspiration through practice

The Home Energy Handbook

A guide to saving and generating energy
in your home and community

NEW
November
2011



**Paul Allen, Peter Harper
and Allan Shepherd**

Foreword by **Rob Hopkins**,
Transition Town Network

The Home Energy Handbook is CAT's definitive guide to saving and generating energy. It covers energy efficiency, insulation, passive solar heating, solar water heating, wood fuels, heat pumps, combined heat and power, solar PV, micro-hydro and small scale wind power, showing you how to choose the best technology for your situation. Bringing together all the main energy saving and renewable technologies in one book, it helps you make the most carbon- and cost-effective decisions whilst delivering the biggest improvements to quality of life, both in your home and in your community. A comprehensive handbook for energy action that gives you the practical know-how to change the way you live and the big picture vision to change the world around you.

November 2011 • 204pp • 189x246mm • 9781902175713 • £19.95



Centre for Alternative Technology
Canolfan y Dechnoleg Amgen



<http://store.cat.org.uk>



01654 705959



mail.order@cat.org.uk

NEW
EDITION



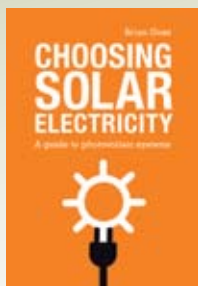
Wind Power Workshop

Building your own wind turbine

Hugh Piggott

Written by the UK's leading exponent of small scale wind power, *Wind Power Workshop* helps you understand the process of wind turbine design and offers practical advice and ideas for constructing a small three bladed rotor. It shows you how to carve aerodynamic efficient wind turbine blades from wood, match and connect the blades to a generator, build mechanical controls and erect the turbine safely. This new edition is the first for ten years and includes substantial revisions and over thirty new illustrations.

4th edition • 2011 • 204pp • 168x240mm
9781902175621 • **£16.95**



Choosing Solar Electricity

A guide to photovoltaic systems

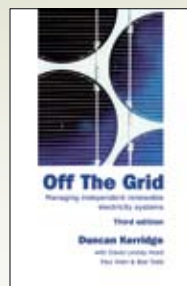
Brian Goss

"Choosing Solar Electricity is the perfect introduction to the topic and is likely to become a well-thumbed resource for many."

Greenbuild News

With the introduction of feed-in tariff incentives solar electricity is now an economically viable option for every solar friendly home, office, business or community. With *Choosing Solar Electricity* you can assess your solar resource, get help picking an installer and learn how to make the most of the new government subsidies. Written by CAT lecturer and solar research engineer Brian Goss.

2010 • 192pp • 168x240mm
9781902175591 • **£14.00**



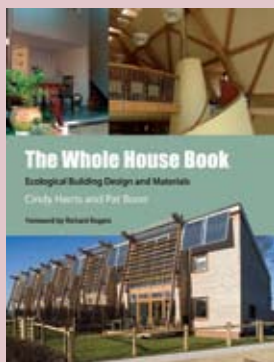
Off the Grid

Managing independent renewable electricity systems

Duncan Kerridge with
David Linsley Hood, Paul Allen
and Bob Todd

Hydro, solar PV and wind are all covered by this guide to installing a home power system. Written in an accessible, no-nonsense style, and with clear illustrations, *Off the Grid* is a good starting point for anyone considering a stand alone power system. It is also a handy reference book for those who already have some knowledge of the field.

3rd edition • 2008 • 196pp • 138x216mm
9781902175560 • **£12.00**



The Whole House Book

Ecological building design and materials

Cindy Harris and Pat Borer, foreword by Richard Rogers

"The entire book is a wealth of information for anybody, not just self builders, and delves into every aspect of the house."

Self Build and Design Magazine

The Whole House Book is the definitive guide to green building, written by two of the most experienced practitioners in the UK, Cindy Harris and Pat Borer. With over 360 full colour pages, each one illustrated with technical specifications, photographs and clear, simple diagrams, *The Whole House Book* is a complete reference tool for architects, builders, self-builders and students. Whether you're renovating an existing building, adding an extension to your house or designing your dream home from scratch, Harris and Borer set out all your ecological design and build options and show you how to fit the right materials to the right design for you.

2nd edition • 2005 • Hardback • 368pp
216x278mm • 9781902175546 • **£35.00**

In the pipeline...

E-books

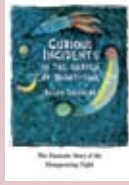
A number of our titles will be available as e-books by September 2011. Please check on our website and also with your normal e-book retailer. All formats.

New editions

We are currently working on several new editions of popular CAT titles currently out of print. We will publish all of these in late 2011/early 2012. Please contact us for updates or sign up for our newsletter at <http://publications.cat.org.uk>

Coming editions

- **Choosing Micro-hydro Power** (formerly Going with the Flow)
- **Choosing Wind Power**
- **Choosing Ecological Sewage Treatment** (formerly Sewage Solutions)
- **Choosing Ecological Water Supply and Treatment** (formerly The Water Book)
- **The Compost Toilet Handbook** (formerly Lifting the Lid)



Curious Incidents in the Garden at Night-time

~~£8.99~~
£5.00

Part fable, part practical gardening book, this eloquent appreciation of the glories of the garden at night-time will be loved by anyone with a passion for gardening, wildlife and the future of planet earth.

2005 • 160pp • 147x210mm • 9781902175256



Creative Sustainable Gardening

~~£12.99~~
£6.00

If you don't want to use chemicals in your garden but are unsure whether natural alternatives will do the job, this is the book for you.

2000 • 196pp • 191x252mm • 9781898049234



~~£12.00~~
£3.00

The Energy Saving House

Quick and easy guide to energy saving. Last few copies available.

2nd edition • 2007 • 160pp
135x216mm • 9781902175553



~~£10.99~~
£5.00

Babs@Brisbane

Inspiring journey with intrepid eco-traveller. Join her as she traverses continents to reach Australia without flying.

2009 • 416pp • 129x198 mm
9781902175584



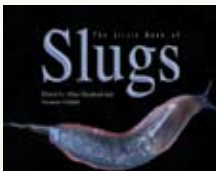
~~£7.99~~
£3.00

Solar Water Heating A DIY guide

A CAT classic. For those who like to tinker and want to understand how solar water heating works.

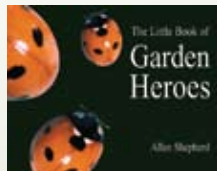
6th edition • 2008 • 68pp
110x175mm • 9781902175607

Perfect pressies for gardeners – humorous and informative



The Little Book of Slugs

128pp • 130x100 mm
9781902175133



The Little Book of Garden Heroes

128pp • 130x100 mm
9781902175218



The Little Book of Garden Villains

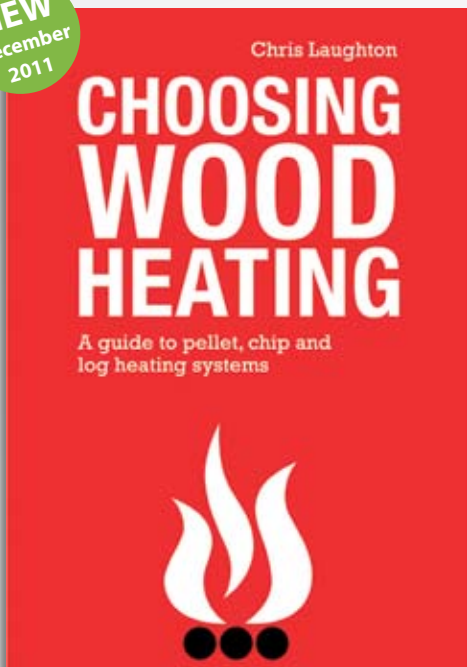
128pp • 130x100 mm
9781902175324



Choosing Wood Heating

A guide to pellet, chip and log heating systems

NEW
December
2011



December 2011 • 176 pp • 168x240 mm • 9781902175652 • £14.00

Chris Laughton


Choosing Wood Heating is an expanded and fully revised new edition of Chris Laughton's previous book *Home Heating with Wood*. It includes full details of the Renewable Heat Incentive as well as covering all wood fuel technologies and heating systems, not just for homes but for larger buildings too. Primarily aimed at consumers who want to understand the technology before hiring an installer, it would also serve as a useful introduction for anyone considering a career in the rapidly expanding renewable heating sector.

This book helps you:

- Understand heating systems.
- Choose the right wood fuel.
- Calculate heat demand and appropriate boiler size.
- Make the most of the Renewable Heat Incentive.

Orders can be made from CAT's Eco Store

 <http://store.cat.org.uk>

 **01654 705959**

 mail.order@cat.org.uk

To order by post, please send us the book title along with your name, address, phone number and a cheque payable to CAT Plc.

Postage rates

UK mainland only

Goods up to £12.00 add £2.95

Goods £12.01 and over add £4.95

Highlands and Islands, Northern Ireland, Isle of Man & Scilly Isles, Guernsey & Jersey

Postcodes: BT, GY, HS, IM, IV, JE, KA27-28, KW, PA20-49, PA60-78, PH17-26, PH30-44, PH49-50, TR21-25, ZE

Goods up to £12.00 add £2.95

Goods between £12.01-£39.99 add £4.95

Goods over £40.00 to non mainland, please contact us to discuss the most favourable postage method and price.

Europe (including Eire)

add 30% of order value, minimum £5.00

Outside Europe

add 40% of order value, minimum £5.00