



Coordinated by  
Tasmanian Environment  
Centre Inc.



8 & 9 November 2003

Sponsored by:



SCIENTISTS  
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FACILITATORS



Clarence... a brighter place



# SOLUTIONS for sustainable COMMUNITIES

TASMANIA'S ENVIRONMENTAL HOME EXPO  
HOBART CITY HALL

Ideas for a healthy,  
environmentally  
friendly,  
energy efficient  
home and community

# Talks

# Program

## Saturday 8 November on the Stage

11 – noon	<b>Michael Mobbs</b> 'Sustainable House' and Expo opening
12 – 12.30	<b>Karyl Michaels</b> WWF 'Turn Your Garden into 5-star Frog Habitat'
12.45 – 1.30	<b>Detlev Geard</b> 'Sustainable Housing Design for Tasmania'
1.45 – 2.15	<b>Brandt and Lisa Teale</b> 'Hemp – solutions for an environmental economy'
2.30 – 3.00	<b>Garry Yost</b> , Power Plus 'Why Grid Connect Solar is a Good Idea'
3.15 – 3.45	<b>Rob Grant, John Titchen</b> Hydro Tas. 'Renewable hydrogen for your car?'
4.00 – 4.45	<b>Michael Meyer</b> 'Avoiding health hazards at home and workplace and contributing to a healthy local and global environment'

## Saturday 8 November at the exhibitor's display

10 30	<b>Site 10 Brighton Council</b> 'Innovative and alternative waste water systems'
12.15	<b>Site 17 Winter Windows</b> – demonstrating how you can insulate your existing windows inexpensively'
2.00	<b>Site 20 Tony Paarhammer</b> 'Double-glazed windows and doors'
3.00	<b>Site 27 Alan Marshall</b> 'Understanding water use, soaps and detergents'
3.30	<b>Site 16 Lifestyle Appliances</b> - demonstrating chemical free, cheap, steam cleaning
3.45	<b>Site 22 Berndt Farasin</b> 'Why and how to oil timbers'

## Sunday 9 November on the Stage

10.30 - 11.15	<b>Lesley and Peter Brenner</b> 'Street trees: pivotal to Tasmania's progress. Why treed urban greening is imperative.'
11.30 - 12.15	<b>Todd Milne</b> , HCC & Yvette Barry DPIWE 'Water Sensitive Design'
12.30 –1.00	<b>Alan Scott</b> 'Backyard brick bread ovens'
1.15 - 1.45	<b>Garry Yost</b> , Power Plus 'Solar hot water does work in Tasmania'
2.00 – 2.30	<b>Don Maisch</b> 'Designing your home with electro magnetic fields in mind'
2.45 – 3.15	<b>Tony Weaver</b> 'Permaculture in the suburban garden'
3.30 – 4.00	<b>Tony Weaver</b> UTAS 'Easy retrofitting for your existing house' (including research results)
4.05 – 4.50	<b>David Stephen</b> 'Organic Growing – how to grow great spuds and other crops'

## Sunday 9 November at the exhibitor's display

10.15	<b>Site 17 Winter Windows</b> – demonstrating how you can insulate your existing windows inexpensively'
11.00	<b>Site 37 Vital Resource Management</b> 'Probiotic household cleaners and soil conditioners
12.45	<b>Site 23 MG Roberts Plumbing</b> Ozziklean waste water treatments
1.30	<b>Site 11 Access Solutions</b> 'House foundations with minimal site impact'
2.15	<b>Site 10 Brighton Council</b> 'Innovative and alternative waste water systems'
3.00	<b>Market Place Thomas Moritz</b> 'Running your landcruiser on vegetable oil'
4.15	<b>Site 20 Tony Paarhammer</b> 'Double-glazed windows and doors'

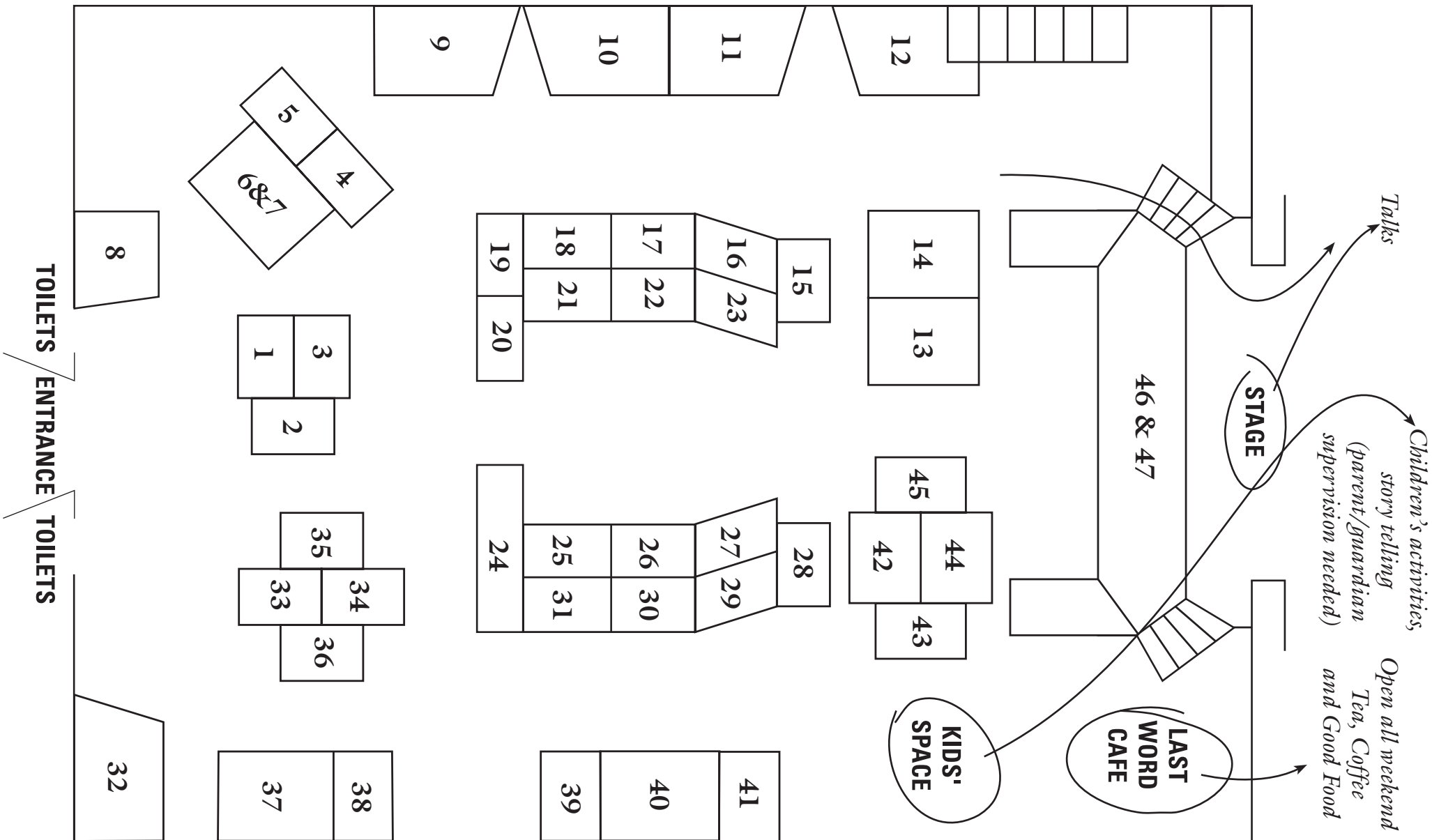
# Exhibitor Details & Contacts

<b>1</b>	<b>Tasmanian Environment Centre Inc.</b> 102 Bathurst St, Hobart 7000 Phone: 6234 5566 restec@southcom.com.au	A community-based organisation providing environmental information through its library and community education programs, environmental books and resources. It is the organiser of Tasmania's Environmental Home Expo.
<b>2</b>	<b>Alternative Technology Association</b> c/o Mark Loveridge 4/12 Saunders Crs, South Hobart 7004 Phone 0408984397	The ATA is a grassroots regional organisation promoting accessible and innovative technology in areas such as energy efficiency, renewable energy, water conservation and sustainable development. New members welcome.
<b>3</b>	<b>Hobart City Council Environmental Planner</b> 16 Elizabeth St, Hobart 7000 Phone: 62382741 clippingdalem@mailnet.hcc.tas.gov.au	Find out how you can make your existing home warmer in winter without making major structural alterations. Find out about the HCC rebate for new energy efficient buildings and pick up a copy of the Energy Efficiency Design guidelines.
<b>4</b>	<b>Nigel Jones</b> 7 Oakleigh Ave, Taroona 7053 Phone: 6227 9097 n.jones@bigpond.com	Environmentally appropriate homes, services and surroundings, passive and active solar heating, traditional and alternative forms of construction.
<b>5</b>	<b>Bendigo Bank</b> 45 Murray St, Hobart, 7000 Phone: 6236 9993 david.mcdavitt@bendigobank.com.au	If you're planning to buy an environmentally friendly product or build or purchase an energy efficient home, we can help you with a Bendigo Green Loan. See our friendly staff at our Hobart and Rosny branches.
<b>6</b>	<b>Robin Cameron Interior Decoration</b> Suite 5B/10 Magnet Ct, Sandy Bay 7005 Phone: 6224 8808	Displaying a range of thermally efficient curtain fabrics, curtains and/or blinds and pelmeted curtains.
<b>7</b>	<b>Cool Communities</b> 102 Bathurst St, Hobart 7000 Phone: 6234 5566 coolctas@southcom.com.au	Cool Communities will provide energy saving ideas, resources, retrofit packages, alternative transport options and examples of how communities are saving greenhouse gas emissions by reducing energy use within their households.
<b>8</b>	<b>Stonetech Building Materials</b> 10 Baker St, New Town 7008 Phone: 6228 6279	CSR Hebel building blocks and panels which use less energy and produce less greenhouse gases. A range of kit homes using Hebel products, energy efficient double glazing, water-saving devices, solar heating and pv cell power generation.

<b>9</b>	<b>Community Eco Bulletin Board</b> Brief information about a number of businesses.	Aurora Energy, 6237 3522 Liz Salt, Landscape design and drafting 6239 1813 The Cottage School Inc. 6244 3556 Insulbuild 6244 1541
<b>10</b>	<b>Brighton Council</b> PO Box 105, Bridgewater 7030 Phone: 6263 0332 john@brighton.tas.gov.au	A three year trial of innovative and alternative wastewater disposal systems will be highlighted. Information on design, installation and management of these and other systems will be available.
<b>11</b>	<b>Access Solutions P/L</b> PO Box 161, Kingston, 7051 Phone: 6229 2476 accsol@primus.com.au	Mega Anchor foundations need no concrete, no excavations; fast, easy, strong, ideal for timber floors and difficult sites. We do the engineering and solve all your council hassles. Koolwall polystyrene cladding for energy efficient homes.
<b>12</b>	<b>Global Poly Water Tanks</b> 13 - 17 Oaks Crt, Sorell 7172 Phone: 6265 2882 global@southcom.com.au	Global Poly Tanks incorporating 'cosmo' household water tanks for the water-conscious urban dweller. With many Councils offering rebates for water collection, the tanks displayed will meet everyone's desire for water conservation.
<b>13</b>	<b>Pellet Fires Australia</b> 14 Tabor Rd, Acton Park 7170 Phone: 6248 1663 robdouglas@bigpond.com	Australian made pellet heaters and pellet fuel providing very low emissions, low running costs, high heat output, wood fire ambience without smoke and the hassles of traditional wood heating.
<b>14</b>	<b>Middle Earth Constructions</b> 141 Trafalgar Lane, Evandale 7212 Phone: 0418130885	Builders and developers of environmentally friendly homes for over 20 years. We specialise in straw bale and mud brick construction and offer consultancy service for owner builders.
<b>15</b>	<b>Timber Workers for Forests</b> 3 Curtis Ave, South Hobart 7004 Phone: 6239 1630 timberworkers@southcom.com.au	Display of Tasmanian wood craftsmanship and traditional skills such as shingle splitting. Information on alternative forest management practices.
<b>16</b>	<b>Lifestyle Appliances (Tasmania)</b> 10 Main Rd, Dennes Point 7150 Phone: 6260 6318 kellys@southcom.com.au	KARCHER steam cleaning is the future. Chemical free, cheap, environmentally friendly, fast, effective, hygienic, kills germs and is non-allergenic. Use indoors or outdoors. Steam can clean where nothing else can!
<b>17</b>	<b>Winter Windows Pty Ltd</b> PO Box 773, Jamison Centre, ACT 2614 Phone: 02 6161 3570 vg@winterwindows.com	I will demonstrate how YOU can insulate your windows to achieve the heat resistance of double glazing but at a mere fraction of the cost.
<b>18</b>	<b>Tasmanian Greens</b> 230 Liverpool St, Hobart 7000 denison@tasgreens.org.au	The stall will present information on the Tasmanian Greens' policies at all levels of government relevant to sustainable living. Environmentally friendly cleaning products will be for sale.

# Exhibition Area Floorplan

*Choose a home that won't cost the earth*



19	<b>Prime Water Pty Ltd</b> PO Box 50, Rosny 7018 Phone: 6245 1211 Primewater@bigpond.com	Rainsaver: ingenious rainwater storage system replacing gutter and stormwater systems, collects rainwater for household use. Biolytix Filter: waste water treatment system – organic soil ecosystem, efficient operation; no chemicals, no odours	29	<b>Moon Pads</b> PO Box 118, Sandy Bay 7006 Phone: 6223 5151 moonpads@tassie.net.au	An environmentally-friendly lifestyle results from our choices. Will I use disposable products? Moon Pads (cloth menstrual pads), The Keeper (rubber menstrual cup), Zappy Nappies, Woollies (wool overpants for nappies). Choose reusable and save..
20	<b>Paarhammer Pty Ltd</b> 11 Smallmans Rd, Ballan Vic. 3342 Phone: 03 5368 1999 mail@paarhammer.com.au	Makers of European style double glazed timber windows and doors, including tilt and turn windows, french doors and sliding or bi-fold doors	30	<b>Ovencrafters</b> 33 Wellington St, Oatlands 7120 Phone: 6254 1501 alan@ovencrafters.net	Display of my book ‘The Bread Builders’ and photos of self-built backyard brick bread and pizza ovens. Bread Conference information – to be held in Tasmania
21	<b>Healthy House Consultancies</b> 218 Umfrevilles Rd, Kaoota 7150 Phone: 6239 6600 michael.meyer@bigpond.com	Ecological building design system, products and consultancy.	31	<b>Aqua Heating</b> 59 Youds Rd, Golden Valley 7304 Phone: 0409 961 008 aquaheating@bigpond.com	A ‘solar’ water system with no roof panels, the Quantum hot water heater uses a heat pump system to transfer heat to the storage tank, saving up to 75% on your hot water bill and helping the environment.
22	<b>Bernd Farasin</b> Adventure Bay PO, Bruny Island 7150 Phone: 6293 1369	Cabinet maker and joiner with solid timber and natural oil finishes. Using local and recycled materials my customers and I create fine, long lasting kitchens and furniture.	32	<b>HCC Bushcare</b>	Free local native plants for your garden
23	<b>MG Roberts Plumbing /Ozzi Kleen</b> 5 Tepco Place, Acton Park 7170 Phone: 6248 7693 mgrobert@our.net.au	Exclusive Tasmanian suppliers of Ozzi Kleen Aerated Waste Water Treatment Plants suitable for domestic and commercial applications. Treats sewage to the highest ‘best practice’ municipal and industrial standards.	33	<b>Karuna Intentional Community</b> PO Box 208, South Hobart 7004 Phone: 6233 7296 vicky.nicholson@education.tas.gov.au	Karuna Ecovillage and Education Centre – Karuna means ‘the work of raising up wisdom and compassion’. We seek members eligible for public housing or willing to purchase a license to occupy, who are committed to the work of the Centre.
24	<b>Earth Garden/Good Life Book Club</b> PO Box 2, Trentham, Vic. 3458 Phone: 03 5424 1819 info@earthgarden.com.au	Sustainable living magazines and books on strawbale, mudbrick and alternative building, permaculture, renewable energy, keeping chooks, organic gardening, water conservation, composting toilets, forest conservation and healthy living.	34	<b>Bicycle Tasmania Inc.</b> PO Box 1050, Sandy Bay 7006 Phone: 6233 5141 kate.tamayo@optusnet.com.au	Bicycle Tasmania Inc. is a non-profit community organisation that promotes cycling as a fun and safe way to commute to school, work and shopping. Keep fit and have fun.
25	<b>Women’s International League for Peace and Freedom (WILPF)</b> c/o 34 View St, Sandy Bay 7005 Phone: 6223 6152	WILPF consists of groups of dedicated women worldwide working towards creating a more just and peaceful world. Concerned about current levels of violence in society, on TV, in movies and videos, teaching children violence, not peace.	35	<b>The Recovery Shop,</b> Jackson St Waste Management Centre, Glenorchy GPO Box 283 Hobart 7001 Phone: 6274 1046 recoverytas@bigpond.com	A snapshot of the infinite potential of reusable goods and materials in home renovation and interior decoration. Reusables are the ultimate raw material for creative, inexpensive home solutions.
26	<b>Cool or Cosy Insulation</b> 111-113 Howard Rd, Goodwood 7010 Phone: 6272 1699 ron@tas.coolorcasy.com.au	Ceiling insulation made from recycled paper, treated with fire retardant, vermin resisting chemicals. Non-hazardous and suitable for people with allergies.	36	<b>Tony Weaver</b> phone: 6224 0892 aweaver@utas.edu.au	Permaculture ideas for your garden.
27	<b>Alan Marshall</b> GPO Box 75, Hobart 7001 Phone: 0422 181 365 anakial@hotmail.com	A clear demonstration of water usage in the average home – the quantities we commonly use and what we use it for. Also towards an understanding of soaps and detergents.	37	<b>Insulate Tasmania Good Air Pty Ltd</b> 24 Jackson St, Glenorchy 7010 Phone: 6273 9731 d_stears@insulategoodair.net	Insulate Tasmania Good Air can safely insulate your home the environmentally friendly way. Our polyester insulation won’t irritate your skin or your wallet. We offer free delivery to Greater Hobart.
28	<b>WWF A Frogs! In Tasmania</b> 102 Bathurst St, Hobart 7000 Phone: 6231 2564 Karyl.Michaels@bigpond.com	Give a frog a home for the future. Learn how to turn your garden into 5 star frog habitat, complete with frogpond and bogzone. Certify your garden as 5 star frog habitat.	38	<b>TecEco Pty Ltd</b> 497 Main Rd, Glenorchy 7010 Phone: 6273 0010 john.harrison@tececo.com	TecEco have developed novel concrete based on blending reactive magnesia with Portland cement that are much more sustainable than existing concretes.
			39	<b>Vital Resource Management</b> 122 Parkdale Drive, Leslie Vale 7054 Phone: 6239 6026 bjhorsley@bigpond.com	An Australian innovation, Probiotic household cleaners and soil conditioners are more than just ‘environmentally friendly’, These products are not only biodegradable, they contain friendly microbes which actually help do the bio-degrading.

40	<b>Hands-on Energy Discovery Centre</b> 4 Elizabeth St, Hobart 7000 Phone: 6230 5305 sue.fama@hydro.com.au	The Centre promotes a free energy efficient house design program to visiting schools. Hands-on boasts a wonderful computerised sun model which graphically shows the impact of summer and winter sun on Tasmanian homes. The display will also showcase Hydro Tasmania's hydrogen fuel technology.
41	<b>Bradfield Dumpleton</b> bradfield@toonzone.com.au	Sunday only, children's body art
42	<b>RAIA (Tasmanian Chapter).</b> City Hall, Market Place, Hobart 7000 Phone: 6234 5464 tas@raia.com.au	The Royal Australian Institute of Architects will have a range of resources and information with architects on hand to discuss your building or design questions.
43	<b>Detlev Geard, Architect</b> 30 Montagu Bay Rd, Montagu Bay 7018 Phone: 6234 9008 dgeard@tassie.net.au	Sustainable, energy efficient housing design for Tasmania's conditions. Displays of photos, models, relevant books, magazines and drawings.
44	<b>ANZSES</b> PO Box 121, Sandy Bay 7006 Phone: 6244 1245 John.Todd@utas.edu.au	The Australian and New Zealand Solar Energy Society promotes environmentally sound use of solar energy, provides information on solar energy and runs tours of houses reflecting these aims.
45	<b>Peter Scott Architect</b> 845 Huon Rd, Fern Tree 7054 Phone: 6239 1685 peterscottarchitect@bigpond.com	Innovative, contemporary designs encompassing passive solar principles, energy efficiency and cost effectiveness. Specialist in alternative solutions-strawbale construction, autonomous housing, sustainable design and photovoltaic systems.
46	<b>ES Link Pty Ltd t/as Power Plus</b> 25 Derwent Park Rd, Derwent Park 7009 Phone: 6272 4366 garry.yost@power-plus.com.au	Power Plus supplies, installs and maintains solar electric, solar hotwater, wind turbines, micro hydro and battery systems.
47	<b>SEMF Holdings Pty Ltd</b> 45 Murray St, Hobart 7000 Phone: 6231 1211	SEMF is a leading Tasmanian environmental ESD and energy efficiency design consultancy

# Thank you to all our Sponsors

In addition to our major sponsors, we at the Tasmanian Environment Centre working on Tasmania's Environmental Home Expo want to thank the businesses and community groups who have directly supported the Expo:

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Alan Marshall

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Archicentre

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Bendigo Bank

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Carawah Environmental Building  
and Landscape Design

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Cool Communities

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Global Poly Water Tanks

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Hands-on Energy Discovery Centre

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Middle Earth Constructions

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Moon Pads

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Nigel Jones

---

Peter Scott Architect

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Tasmanian Greens

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The Recovery Shop

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Winter Windows Pty Ltd

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WWF A Frogs!

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And thank you to the host of volunteers, with a special mention to Margaret Wood and 'the clan' running the café and Annie Beecroft, Amanda Midgely and friends hosting the Kid's Space.

**Tasmania's Environmental Home Expo Planning Group**  
 Margaret Steadman, Evan Boardman, Rachel Leary  
 & Susanna Van Essen

*'Every dollar you spend is a vote for the type of world you want.'*





# Tasmanian Environment Centre Inc.

## We provide

- an extensive open access resource library an environmental information service
- sales of environmental publications
- administrative support to community environmental organisations
- community environmental education
- an environment referral service
- environmental research and publishing computer, fax and photocopy facilities
- environmental awards
- the organisation of seminars, workshops and other events

**The Tasmanian Environment Centre is a non-profit organisation that has been working for the environment and the community since 1972.**

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