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## HOPE Enews Bulletin 2015 #11 --- 21 November 2015

The following items have been gathered from various e-newsletters received by HOPE in recent times; and/or prepared specifically by HOPE members and supporters. If you have any news to contribute, please forward to [office@hopeaustralia.org.au](mailto:office@hopeaustralia.org.au). Deadline for articles is 15<sup>th</sup> day of the month. If you would like to discuss news items displayed or have letters for the editor please contact the office or <[newsletter editor - hotlink](mailto:newsletter_editor_hotlink)>

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### Editorial

*Good morning everyone,  
As we are without a Newsletter Editor at present, the office has compiled this edition. And, with lots of contributors this month, the task was made very easy.  
A summary of HOPE's AGM (Annual General Meeting) results are included in the Office News section; and an invite to our end of year social at the Toowoomba City Golf Club on Tuesday evening, 1<sup>st</sup> December appears in the Toowoomba News section.  
Regards,  
Frank Ondrus, Office Manager – HOPE Inc., ph 07 4639 2135, email [office@hopeaustralia.org.au](mailto:office@hopeaustralia.org.au)*

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### Calendar of events

Search the [national environmental events calendar](#) and/or [national community calendar](#) for any events that might interest you.

**International Year of Light** - [http://en.wikipedia.org/wiki/International\\_Year\\_of\\_Light](http://en.wikipedia.org/wiki/International_Year_of_Light)  
**International Year of Soils** - <http://www.fao.org/soils-2015/en/>

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#### NOVEMBER

- 21 [World Fisheries Day](#)
- 28 People's Climate March –see <http://www.peoplesclimate.org.au/> to find location of your nearest march

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#### DECEMBER

- 1 **HOPE end of year meal & social get-together – Toowoomba City Golf Club**
  - 3 [International Day of People with Disability](#)
  - 5 [International Volunteer Day](#)
  - 10 [Human Rights Day](#)
  - 11 [International Mountain Day](#)
  - 18 - 11Jan **HOPE office closure over Christmas-New Year holiday period**
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## Office News Report --- November 2015

Hello folks,

Another busy month for HOPE's management committee, office admin staff and volunteers with the major tasks being:

- on-going investigation of funding sources to undertake a number of HOPE projects - including the staging of Energy Efficiency seminars; printing of HOPE publications; and the development of more educational resources
- issued several hundred Corporate Sponsorship requests
- contributed to QCC's (Queensland Conservation Council) Environmental Roundtable discussions on 21 October
- secured funding from Condamine Alliance "to assist small holders to revegetate their properties to create habitat for wildlife"
- preparation for and hosting of the November community forum on the Murray-Darling Basin Authority (MDBA) and the Basin Plan (7 Nov)
- preparation and holding of our AGM and 1<sup>st</sup> Ordinary Meeting for 2015-16 (14 Nov)
- submitted funding application to the federal government's 2015 Volunteer Grants program to purchase 40 polo t-shirts for volunteers to wear when conducting HOPE business (attending meetings, staffing information displays and demonstration activities, etc.)
- requested a donation of outdoor tables & chairs from Bunnings Warehouse

Oops! I nearly forgot. Congratulations to Shelley Purser (QMDC Education Officer) and her partner Tony on the birth of their first child Eric; and to Charmaine (our Social Media Administrator and former Newsletter Editor) and Peter Turnbull on the birth of their first child Xavier. We wish both sets of proud parents and their children well.

### AGM Report

Our annual general meeting kicked off with guest speaker Steve Cupitt, Crossroads Consultancy, giving us a potted history of his 20 years plus involvement in the environment sector. Steve's personal and business philosophy of "Integrating Conservation with Production" and removing the "them" and "us" for his work activities was most inspiring.

Reports given by president Frank Ondrus and treasurer Kerry Kruger once again showed that HOPE is able to successfully undertake a range of activities with limited funding. Good management, willing volunteers and a lot of in-kind support has proven to be a "winning formulae".

### Election of office bearers and admin support staff for 2015-2016

President & Office Manager)	- Frank Ondrus
Vice-President	- Steve Cupitt
Secretary/Treasurer	- Kerry Kruger
Membership Officer	- Barry Miller
Social Media Admin	- Charmaine Turnbull (nee Atkinson)
It Advisor	- David Shipp

Patron	- Jerry Coleby-Williams (with ABC's Gardening Australia television program)
Accountant/Auditor	- Robert Crosato of Crosato Country Enterprises

### 1<sup>st</sup> ordinary Meeting for 2015-16

This 1<sup>st</sup> meeting of the new committee was basically to inform them of carry forward projects and outstanding grant applications; to note 2016 events already committed to; and to flag potential projects and partnership for the following year or two.

Copies of the Presidents and Treasurer's reports along with the minutes of the AGM and the minutes of the 1<sup>st</sup> Ordinary Meeting of 2015-2016 will be available shortly on our website at <http://www.hopeaustralia.org.au/home/office-news/>.

Regards,

Frank Ondrus, President & Office Manager- HOPE Inc., ph 07 4639 2135, [office@hopeaustralia.org.au](mailto:office@hopeaustralia.org.au)

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## Feature Articles

### The Earth Charter - <http://www.earthcharterinaction.org/content/>

The Earth Charter, drafted during a six-year worldwide consultation process (1994–2000) overseen by the independent Earth Charter Commission, is an international declaration of fundamental values and principles considered useful by its supporters for building a just, sustainable, and peaceful global society in the 21st century. Created by a global consultation process, and endorsed by organizations representing millions of people, the Charter "seeks to inspire in all peoples a sense of global interdependence and shared responsibility for the well-being of the human family, the greater community of life, and future generations." It calls upon humanity to help create a global partnership at a critical juncture in history. The Earth Charter's ethical vision proposes that environmental protection, human rights, equitable human development, and peace are interdependent and indivisible. The Charter attempts to provide a new framework for thinking about and addressing these issues.

#### Preamble

"We stand at a critical moment in Earth's history, a time when humanity must choose its future. As the world becomes increasingly interdependent and fragile, the future at once holds great peril and great promise. To move forward we must recognize that in the midst of a magnificent diversity of cultures and life forms we are one human family and one Earth community with a common destiny. We must join together to bring forth a sustainable global society founded on respect for nature, universal human rights, economic justice, and a culture of peace. Towards this end, it is imperative that we, the peoples of Earth, declare our responsibility to one another, to the greater community of life, and to future generations."

#### Principles

The four pillars and sixteen principles of the Earth Charter are:

##### I. Respect and Care for the Community of Life

1. Respect Earth and life in all its diversity.
2. Care for the community of life with understanding, compassion and love.
3. Build democratic societies that are just, participatory, sustainable and peaceful.
4. Secure Earth's bounty and beauty for present and future generations.

##### II. Ecological Integrity

5. Protect and restore the integrity of Earth's ecological systems, with special concern for biological diversity and the natural processes that sustain life.
6. Prevent harm as the best method of environmental protection and, when knowledge is limited, apply a precautionary approach.
7. Adopt patterns of production, consumption and reproduction that safeguard Earth's regenerative capacities, human rights and community well-being.
8. Advance the study of ecological sustainability and promote the open exchange and wide application of the knowledge acquired.

##### III. Social and Economic Justice

9. Eradicate poverty as an ethical, social and environmental imperative.
10. Ensure that economic activities and institutions at all levels promote human development in an equitable and sustainable manner.
11. Affirm gender equality and equity as prerequisites to sustainable development and ensure universal access to education, health care and economic opportunity.
12. Uphold the right of all, without discrimination, to a natural and social environment supportive of human dignity, bodily health and spiritual well-being, with special attention to the rights of indigenous peoples and minorities.

##### IV. Democracy, Nonviolence, and Peace

13. Strengthen democratic institutions at all levels, and provide transparency and accountability in governance, inclusive participation in decision-making, and access to justice.
  14. Integrate into formal education and lifelong learning the knowledge, values and skills needed for a sustainable way of life.
  15. Treat all living beings with respect and consideration.
  16. Promote a culture of tolerance, nonviolence and peace.
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## The Growth Delusion

By Kerry Higgs

Author of *Collision Course: Endless Growth on a Finite Planet*, MIT Press, 2014

University Associate, University of Tasmania

Fellow, International Centre, Club of Rome

I came across *The Limits to Growth* by accident in 1972, the year it was published. Written by a team of researchers led by Donella and Dennis Meadows at MIT, it revealed that the idea of ever-expanding economic growth is a delusion, and that humans are on a collision course with Nature. It suggested that if we carried on business as usual, our entire system would probably collapse in the middle of this century.

Business as usual means ongoing exponential growth. By 1972, galloping economic growth already seemed normal in the rich world. For me and anyone younger, it is all we have ever known. But the growth that occurred after World War II finished was **not** normal. It was absolutely unprecedented in all human history—there has never been anything like it. Large and rapidly growing populations, accelerating industrial production of every kind. All new.

The *Limits to Growth* team found we could avoid collapse if we slowed down the physical expansion of the economy. This would mean two very difficult changes—stabilising human population and slowing the entire cycle of physical production from material extraction through to the disposal of waste. But while scientists warned about the dangers, they were not heeded by our governments, bureaucracies and media, where economic growth was gradually entrenched as the central objective of collective human effort.

We are into dangerous ecological territory in four areas—for us as well as the living creatures we share the earth with.

Species are going extinct 1,000 times faster than the ordinary background rate of loss through geological time.

We have disrupted the nitrogen and phosphorous cycles. In nature, nitrogen is largely inert in our atmosphere. Today, mainly through making fertiliser, nitrogen and phosphorus are flooding through our waterways causing dead zones and fish kills. And phosphate rock is a resource in decline.

We are clearing forests rapidly, especially in the tropics, and replacing them with palm oil, cattle pastures and soybean. The catastrophic fires in Indonesia are part of this process.

And we are on the way to a very hot planet. Unless we change rapidly very soon, we risk increasing temperatures by 3°C or more above pre-industrial levels. If all the Paris pledges are honoured, we will still add 2.7°C. And already, with the current increase of 0.9°C, we are melting Greenland and creating dangerous weather.

There's a great clash of values. The economists and the corporations see the human economy, rather than the physical planet, as the primary system—bizarre when you consider the planet's been here for about 4.6 billion years, and life for something like 3.8 billion.

For physical scientists, on the other hand, the primary system is the planet. It's self-evidently finite and the human economy, with its relentless extraction & colossal wastes, exists entirely within the earth system.

While our political parties continue with the growth mantra, heedlessly mining coal and gas on our best agricultural land, it seems that only citizen solidarity and citizen revolt is left to counter it.

We must succeed. The ground of our being is at stake.

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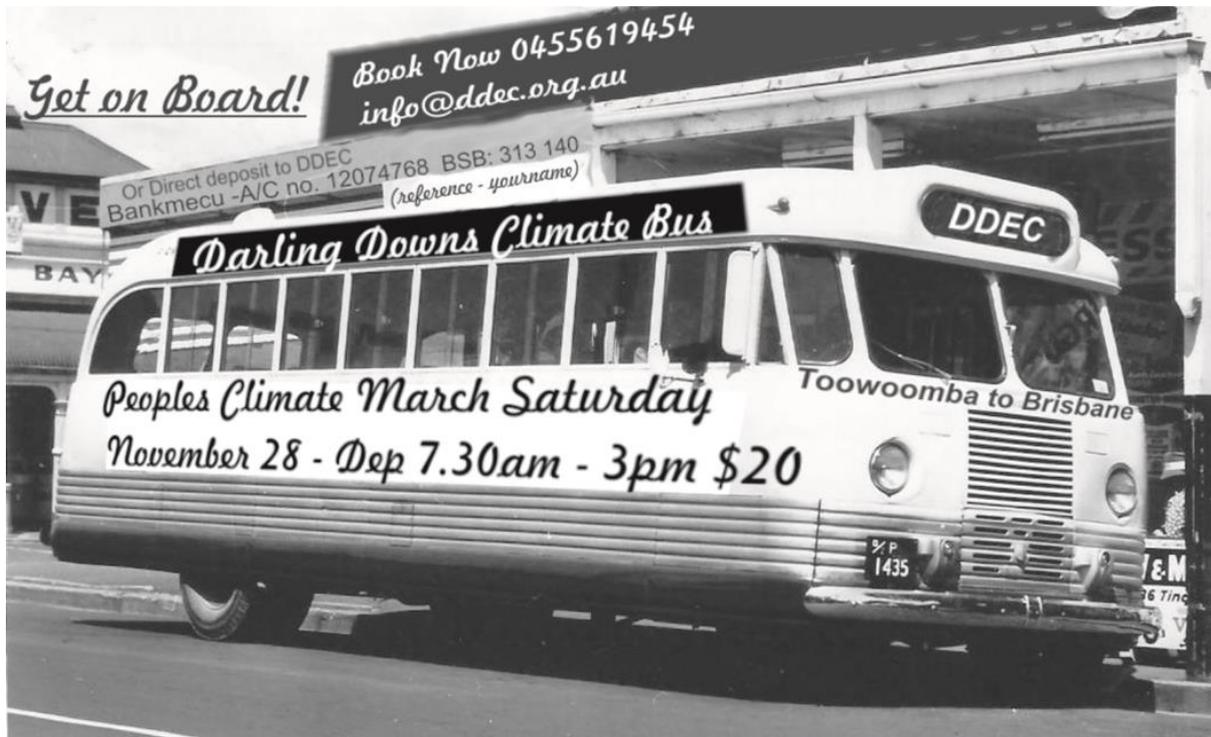
### WANTED – USED POSTAGE STAMPS

HOPE collects used postage stamps and/or un-wanted stamp albums for community groups' fund-raising purposes.

Please consider collecting used postage stamps from home and/or work, and forwarding a pack of used stamps to the HOPE (Householders' Options to Protect the Environment) office, PO Box 6118 - Clifford Gardens, Toowoomba, QLD 4350; or drop them off at 22 Vacy St, Toowoomba.

## Toowoomba News

Darling Downs Environment Council's (DDEC) organises bus to Brisbane's People's Climate March, 28 November 2015



**PEOPLE'S CLIMATE MARCH**

**BRISBANE 9.30-12PM SATURDAY 28 NOVEMBER**  
QUEEN'S PARK, CORNER GEORGE AND ELIZABETH STREETS, BRISBANE CBD

FIND US ON **FACEBOOK** AT **PEOPLE'S CLIMATE MARCH BRISBANE**

HOPE end of year social – Toowoomba City Golf Club, Tuesday 1 December 2015, 6.30pm sharp!



Merry Christmas! May this *greeting* find you and yours in good spirits, ready to celebrate the gifts of peace and joy with friends and loved ones.

The 2015 HOPE team invites you to join us at Toowoomba City Golf Club, 254 South Street, Toowoomba on Tuesday, 1 December at 6.30pm for a meal and social gathering.

RSVP by 25 November to: HOPE Office by return email or phone 4639 2135.

## Queensland News

### Sign the QCC petition to Keep Coal in the Ground



More severe storms and cyclones, and more periods of severe drought and heat-waves are certain if we continue to allow climate change to run out of control.

We can have a brighter future if we move to reducing our dependence on damaging fossil fuels and invest in protecting our natural assets.

It starts with keeping coal in the ground. Sign the petition below to urge the state government to start now on a plan to reduce our reliance on fossil fuels, keep coal in the ground and transition to a brighter future.

[Click here to sign our petition.](#)

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### Wildlife Queensland Toowoomba Branch



The Toowoomba Branch is a hands-on active branch that is involved in the community and makes a point of working with other local organisations.

The Toowoomba Branch has undergone many changes over the last 15 years and in 2015, is moving forward with a focus on Wildlife & Environmental Education in the local area.

The Toowoomba Branch hosts quarterly meetings with vibrant, informative guest speakers and welcomes all members of the public to attend. Members receive a quarterly newsletter, and have the opportunity to participate in combined events with

like-minded local groups.

Address: PO Box 2337, Toowoomba, Qld 4350

Contact: [The President](#)

Meetings: Meetings and events are held quarterly at the Amaroo Environmental Centre at Kleinton on Wednesday Nights at 6.00. Please contact the President for upcoming meeting & event dates or check our Newsletter or Facebook Page.

Facebook: <https://www.facebook.com/wildlifeqldtoowoomba>

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### News briefs from Queensland Conservation Council -

<https://www.qldconservation.org.au/>

#### [Jobs After Coal: a Just Transition for Queensland](#)

The Jobs After Coal report and policy recommendations have been prepared by Ahri Tallon and a diversity of contributors on behalf of the Queensland Conservation Council and 350.org. It is based on the New Zealand Jobs After Coal report prepared by the Coal Action Network Aotearoa. The report outlines the contribution of coal to the Queensland [...]

#### [Community Alliance calls for more time to consider new planning laws](#)

14 October 2015 Environment and community groups are calling on Minister for Planning, Deputy Premier Jackie Trad to extend the consultation period for the government's draft planning bills, saying the community has not had time to properly consider the proposed new laws. The Deputy Premier released a package of three planning bills and five supporting [...]

#### [Environment, reef and climate lose out against big coal](#)

15 October 2015 Queensland Conservation Council (QCC) today expressed outrage that the Federal Minister for Environment Greg Hunt once again sided with the mining industry and re-approved the Carmichael coal mine in the Galilee Basin, in Central Queensland. QCC Coordinator Nichola Hungerford said today, "The environment has lost against big coal. Minister Hunt has still [...]"

## National News

### **Your Home - <http://www.yourhome.gov.au/> - Australia's Guide to environmentally sustainable homes**



Your Home is a collaborative project of the Australian Government and the building and design industries. It aims to inform households, building professionals and the community about environmentally sustainable homes.

Written by experts including architects, designers and builders for practitioners and you, Your Home is a powerful resource for making your home great to live in, efficient to run and affordable to build. In addition to extensive guidance for building and renovating, Your Home also includes advice for buying an existing home or apartment, and making improvements if you're buying off the plan.

Many Australian homes have not been built with energy efficiency in mind. With community concern about rising energy costs, the environmental impact of our homes, and climate change, there is increasing demand for sustainable housing. Your Home was developed to provide reliable and independent information for households, educators, and design and building professionals.

Your Home showcases some of Australia's best sustainable homes, covering units, apartments and freestanding houses. These practical case studies from around Australia demonstrate practical examples of how the concepts in Your Home can be applied.

Putting energy-efficient design at your fingertips, the Your Home Website offers access to Design For Place 7 star house designs – free to download. Design For Place comprises architect-designed floorplans and elevations for a single storey house, showcasing energy-efficient house designs for a range of climate zones across Australia.

The ideas and principles outlined in Your Home can be adapted to different budgets, lifestyles and climates. This information can help to design and build a more comfortable home that has less impact on the environment, is healthier to live in and is more economical to run. Your Home also contains important advice on how to operate and live in your home to help you save energy and water, and reduce waste.

[YourHome.gov.au](http://YourHome.gov.au) can help you create a low impact and comfortable home:

- Discover how to make your home healthy, safe and sustainable
- Find out how to design and build for the Australian climate
- Understand how your home can make use of orientation, ventilation, insulation and thermal mass.
- Explore ways to fit your home into its neighbourhood and community.
- Learn to landscape your home for biodiversity, with attention to drought-hardy and low water use design.
- Information for planning home improvements, including renovations and repairs and maintenance.
- Find out how to build with sustainable materials, save energy and collect and save water.
- Discover how to adapt your home to changes in your lifestyle.
- Learn how your home can meet the challenge of climate change.

With information on green roofs, adaptable housing, challenging sites, apartments and multi-unit housing, carbon neutral homes and much more, Your Home is a vital and comprehensive resource for anyone building, renovating or choosing a new home.

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### **Your Energy Savings - <http://yourenergysavings.gov.au/> - Practical help for Australian households**



**Australian Government**  
**Department of Industry,  
Innovation and Science**

YourEnergySavings.gov.au is an Australian Government website that can help Australian households take practical steps to reduce their household energy use and save money. Your Energy Savings is the place to go for households to find a huge range of easy-to-read, practical information on how to save energy, cut power bills and water use, reduce waste and

travel smarter. It also has up-to-date summaries of all government energy efficiency and sustainability rebates and assistance.

[YourEnergySavings.gov.au](http://YourEnergySavings.gov.au) has a number of [guides](#) to help Australian families across the seasons, and with key life events like having a baby. It also has the factsheets *5 bright ideas for saving energy and money in your home* and *A renter's guide to saving energy and water* available – the factsheets are available in English and [translated into 32 community languages](#).

Did you know that households can save around \$760 a year with five simple no-cost or low-cost steps: washing clothes in cold water, turning off the second fridge, installing a water-efficient shower head, using the clothes line instead of the dryer once a week, and switching off games consoles after use? Your Energy Savings also has information about purchasing fuel efficient cars and driving efficiently – did you know that driving with noticeably flat tyres can add up to 10% to your fuel use and that filling your petrol tank past the first click is a waste, as the fuel is lost in evaporation and overflow?

## HELP TO SAVE ENERGY AND MONEY IN SUMMER

Your Energy Savings can help Australian households take practical steps to reduce their household energy use and save money. Your Energy Savings is the place to go to for households to find a huge range of easy-to-read, practical information on how to save energy and save money.

The Your Energy Savings [Summer Guide](#) includes practical tips to beat the heat. Did you know that setting the thermostat to even one degree higher on your air conditioner can save between 5 and 10 per cent on your energy use? Or that direct sunlight on windows can produce as much heat as a radiator (so shade exterior windows with blinds, awnings or pergolas)?

Your Energy Savings also has a guide to [Outdoor Living](#) covering areas like pools and spas, barbeques, lawns and landscaping, and outdoor entertaining. Did you know that for a family in a typical home with an in-ground pool as much as 30 per cent of their electricity bill comes from their pool? The guide includes tips for selecting a more energy efficient pool pump and how to maintain your pool to reduce its running cost.

## HELP TO SAVE ENERGY AND MONEY IN 32 COMMUNITY LANGUAGES

Your Energy Savings can help Australian households take practical steps to reduce their household energy use and save money. Your Energy Savings also has information for those members of the community whose first language is not English, with some <http://yourenergysavings.gov.au/translations>.

The basic factsheet *5 bright ideas for saving energy and money in your home* and the more detailed *A renter's guide to saving energy and water* are available in English and have been translated into [32 community languages](#). The languages included are: Arabic, Bosnian, Chinese (simplified and traditional), Croatian, Dari, Dinka, Farsi, Filipino, Greek, Hindi, Indonesian, Italian, Karen, Khmer, Kirundi, Korean, Kurmanji, Macedonian, Malay, Punjabi, Russian, Serbian, Shona, Sinhala, Somali, Spanish, Sudanese Arabic, Swahili, Thai, Turkish and Vietnamese.

## HELP TO MANAGE BABIES AND BUDGETS

Having a baby or growing your family through adoption or permanent care is an exciting time and one where you have to make many complex decisions. It's also a time when your costs can rise sharply and your family income may be reduced.

With all the exciting plans to be made, it may not be front of mind that many of the decisions you make at this time could lock you into higher energy use and costs into the future. For example you may be deciding to upgrade your car or purchase a second car, move house, renovate or decorate or buy new appliances or things for your baby.

Your Energy Savings can help Australian households take practical steps to reduce their household energy use and save money. Your Energy Savings has a great guide called *Babies and Budgets* with some easy and realistic steps that you can take when deciding how to care for your child.

Trying some of the ideas in [YourEnergySavings.gov.au](http://YourEnergySavings.gov.au) can save you energy and save you money too. For practical information and tips visit [YourEnergySavings.gov.au](http://YourEnergySavings.gov.au) or follow [@YES2Savings](https://twitter.com/YES2Savings) on Twitter.

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## Resources

### [Renewable Energy Superpower report launched](#)

BZE (Beyond Zero Emissions) launched its latest report Renewable Energy Superpower on Monday, 19 October. [Download Report](#)

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### 7-Star housing designs available free online



Commissioned by the Australian Government, the [Design for Place](#) downloadable architect-designed suite of floor plans and elevations showcase the use of sustainable design principles for domestic home design and construction.

Resources include specifications and construction techniques to achieve a minimum 7 Star NatHERS rating for a range of climate zones in Australia.

Image: Commonwealth of Australia (Department of Industry, Innovation and Science) 'Design For Place' project.

[READ MORE](#)

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### **New Soil Conservation Guidelines for Queensland** (30-Sep-2015)

The third edition of the Soil Conservation Guidelines for Queensland was released recently by Minister Lynham at the recent Reef, Range and Red Dust Conference in Caloundra earlier this month.

With each succeeding edition the information contained has become more extensive and comprehensive reflecting growth in our knowledge of soils and how to conserve them.

This edition in particular represents a significant expansion from the previous, with new information about stream and gully erosion and on management of floodplains, property infrastructure and horticulture.

The guidelines are now available at [www.qld.gov.au/soilguide](http://www.qld.gov.au/soilguide) .

For more information please contact: [soils@qld.gov.au](mailto:soils@qld.gov.au) .

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### **New report addresses how we can slow climate change**

Top environmental researchers from UCLA joined a team of 50 University of California experts in issuing a new report today with solutions to stabilize Earth's climate this century.

The report, Bending the Curve, was released Tuesday at the UC Climate Neutrality Initiative Summit in San Diego, and provides 10 scalable solutions to reduce global greenhouse emissions.

<http://www.enn.com/climate/article/49113>

Download report at <http://uc-carbonneutralitysummit2015.ucsd.edu/files/Bending-the-Curve.pdf>

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### **NEW GM-free Shopping List**

Download your copy of the new [GM-free Shopping List](#), launched on [World Food Day](#) October 16, around Australia. Every dollar we spend on GM-free foods sends a clear message to farmers and processors that we want their foods. You can help to improve the list by [reporting](#) any other GM-free or non-GM labelled products you may find in stores. Call food companies to congratulate or nudge them for GM-free.

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### **Your Home: Australia's Guide to Environmentally Sustainable Homes**

- <http://www.yourhome.gov.au/>

Your Home is your guide to building, buying or renovating a home. It shows how to create a comfortable home with low impact on the environment – economical to run, healthier to live in and adaptable to your changing needs.

See also <http://www.yourenergysavings.gov.au/> .

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## **Routledge (Taylor and Francis Group) - <https://www.routledge.com/>**

Routledge is the world's leading academic publisher in the Humanities and Social Sciences. We publish thousands of books and journals each year, serving scholars, instructors, and professional communities worldwide. Routledge is a member of Taylor & Francis Group, an informa business.

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## **CORENA - Citizens Own Renewable Energy Network Australia Inc**

CORENA is a non-profit community organisation run entirely by volunteers. It has set up people-powered funding mechanisms designed to speed up the transition to 100% renewable energy. We can get on with the job ourselves rather than just waiting on government action!

Quick Win projects: We use donated money to give interest-free loans to non-profit community organisations so that they can install solar PV and/or pay for energy efficiency measures. The loans are repaid just out of the resultant savings on power bills - the projects 'pay for themselves' and do not cost the community organisation a cent. As loans are repaid they go back into a revolving funding pool to help fund subsequent projects.

Big Win project: The aim is to fund or part-fund a utility-scale renewable energy plant. In the short term, some of the funds already raised are being put to good use in Quick Win projects.

As of November 2015, almost \$70,000 has been donated to the Quick Win projects, and \$20,000 in loan repayments has returned to the funding pool and been used again. Eight projects have been completed to date. Overall 'the people' have achieved 52 kW of solar and energy efficiency and avoided 54 MWh of grid electricity so far.

Website: <http://corenafund.org.au/> | email: [admin@corenafund.org.au](mailto:admin@corenafund.org.au)

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## **[It's getting much easier for companies and cities to go 100% renewable](#)**

(Katherine Tweed, RenewEconomy, [www.reneweconomy.com.au](http://www.reneweconomy.com.au) )

A new report looks at the push for 100% renewables around the world. But it's limited to electricity, not all energy. (<http://cleandedge.com/reports/getting-to-100> )

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## **The Climate Council new Bushfire Report - <https://www.climatecouncil.org.au/>**

Australia's bushfire preparedness is under threat from climate change as bushfire seasons here and in the Northern Hemisphere increasingly overlap, putting new demands on critical shared firefighting aircraft.

Our latest report, [The Burning Issue: Climate Change and the Australian Bushfire Threat](#) found the length of the fire season increased by almost 19% globally between 1978 and 2013. Longer fire seasons are reducing opportunities for controlled burning and intensifying pressure on firefighting resources.

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## **Australian Earth Laws Alliance (AELA)**

AELA's mission is to promote the understanding and practical implementation of Earth jurisprudence and 'Wild Law' in Australia, so that we can build human societies that live within our ecological limits and nurture the health of the wider Earth community. Earth jurisprudence is a new legal theory and growing social movement. It proposes that we rethink our legal, political, economic and governance systems so that they support, rather than undermine, the integrity and health of the Earth.

AELA was created in 2012 and is the Australian expression of a growing international movement of lawyers and other Earth advocates striving to create Earth centred law and governance systems, and create a more harmonious relationship with our beautiful planet. Our multi-disciplinary projects include research, education, community building and advocacy. All our work is driven by our members' interests and commitment – so become a member and get involved!

AELA is a founding member of the [Global Alliance for the Rights of Nature](#), which brings together more than 70 organisations around the world, who support Earth Jurisprudence and Rights of Nature. AELA is an affiliate of the [Earth Charter](#) and a partner of the [Global Footprint Network](#). Visit: <http://www.earthlaws.org.au/>

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