



Climate Change News and Views

# insight

Community Newsletter

Issue 1 : June 2007

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**New Members!**

Join WarrandyteCAN and be an active contributor to change - review our objectives here!

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## Info forum number one a great success

Warrandyte CAN (Climate Action Now) held it's inaugural event on Thursday evening May 24 with presentations from four expert speakers. The focus was on sharing information aimed at providing clarity and fact on a range of topics impacting climate change. Warrandyte CAN's purpose is to identify local actions we can take as individuals and a community, contributing to the reduction of carbon emissions and a first step is to clarify the issues and our understanding.

Attendance numbers were approximately ninety at the event held in the Warrandyte High Theatre. This followed publicity via the Diary, letter box drops, flyers accessed from supporting retailers and a public radio interview on the morning. Thanks go to all those who supported the communications effort.

In summary, the audience was presented with a much better understanding of issues and organisations involved at Government and private industry level. Some very concerning issues around timing and persuasive cases were made for the various ways forward.

**Key features included:**

A consistent message from the speakers on what we can do on an individual level was to inform ourselves and take actions to reduce emissions at a household level. As Clare Penrose put it: Avoid, Reduce, Offset!

For us, this means, [to state a few examples only]:

**Avoid** contributing to additional high energy emission activities in our lives like using plastic bags and the purchase of non essential electrical items (eg air conditioners)

**Reduce** emissions via switching appliances off at the power point, change to energy efficient light globes, install or top up ceiling insulation, shorten showers, fit AAA rated showerheads, compost, recycle etc

**Offset** using the electricity and gas offset programmes offered by suppliers like Origin and AGL etc.



There's no doubt that the States are leading the charge to set up goals, standards and activities to address climate change and emission reduction, in the absence of forward planning at a federal level. This may well be the most logical course of events historically speaking, given that regulation of industry is a State responsibility but there is plenty of evidence to suggest our federal government has had its head in the sand for a long time. Its landmark emissions trading National Taskforce report has finally reported with few specific recommendations other than an emissions trading scheme by 2012 and the Prime Minister has concurred with a 'cap and trade' plan, but without setting a target. **More on this to come next issue.**

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## Climate change: shock findings for Victorians

Welcome to our first newsletter- *InSight*, we hope that you find it informative and useful in making choices re reducing your carbon footprint. The response from the Warrandyte community with regard to WarrandyteCAN has been very positive.

We are totally committed to communicating with the community the urgent need to take immediate action on climate change, to raise awareness and empower you to act to significantly reduce greenhouse gas emissions.

There is a lot of information in the media, and we know that at times it is a bit overwhelming, our mission is to give you an overview of what's important, what's happening, and what you should concentrate on at a local and international level.

To the WarrandyteCAN members who helped organise our first Info Forum at the Warrandyte High School, thank you - you all did what you said you would do at very short notice, and that's what we all need to do re climate change, we need to act now!

On Thursday the 7th June a meeting was held at the Warrandyte Community Centre and adopted a constitution and elected office bearers. WarrandyteCAN is now on the way to becoming an incorporated Association. Congratulations to all of you who have been elected as office bearers of WarrandyteCan, I look forward to working with you to turn Warrandyte into a Carbon Neutral zone. See page 6 for details of our new committee.

Following the success of our first forum, planning for the second forum is underway and will be staged late July. A website is in planning stages as well. In the interim this newsletter will keep you up to date and provide you with valuable and interesting information.

New members are very welcome and you can join now by filling out the form on page 7.

Climate Change is well and truly happening, as a community we have the opportunity to do something about it at a local level, and still be influential in changing decisions at a State and Federal level.

Together we CAN make a Difference!

Wayne Rankin

In this newsletter all of the blue underlined links are active and will connect you to pages, email or the internet.

**AN ALARMING new report on the impact of climate change in Victoria has warned of risks to some of our most basic services and necessities – including water, electricity, transport, telecommunications and buildings.**

The report, obtained by The Age ahead of its release, says water supplies and major infrastructure will be "acutely vulnerable" to climate change in coming decades, even if greenhouse emissions are cut steeply.

And if the world continues polluting at today's rapidly growing rate, the impacts on Victoria will be far worse, says the report.

Under that scenario, the report found that by 2030 power, telecommunications, transport and building infrastructure would also be at much higher risk of damage from hotter days, bushfires, storms and floods.

Commissioned by the Bracks Government, the report is the first comprehensive risk assessment of its kind prepared for an Australian government. Key risks highlighted include:

- Higher water, energy and telecommunications bills to cover the growing damage to bills to cover the growing damage to infrastructure across the state.
- Worsening water shortages, as temperatures climb and rainfall is reduced.
- Power blackouts and potential fatalities during heatwaves.
- Coastal buildings and infrastructure, including ports, being hit by storm surges.
- Less water for hydro and coal-fired power plants, and more erratic wind generation.
- Longer and more frequent telecommunications outages from stormier weather, potentially hampering emergency rescue and clean-up efforts.

The report cites scientists' predictions that by 2030, average daily temperatures across Victoria will rise by between 0.5 to 1.5 degrees, compared to 1990 temperatures, and by up to 5 degrees by 2070.

Project leader Paul Holper told The Age that Victoria's climate was likely to change dramatically over the next few decades, and that "we have to plan as if we'll be living in a different country".

"I've been working in this field since 1989, and it surprises even me how strongly climate change has begun to affect us already," said Mr Holper, who co-ordinates the CSIRO's Australian Climate Change Science Program.

"We're experiencing that in a number of ways: with the driest year on record in Melbourne; the fact that May has been quite considerably warmer than average; and that we're now down at 29.3 per cent of water availability in Melbourne. Of course I'm not saying any of that is solely due to climate change, but climate change is now clearly having an impact on our lives."

The report, Infrastructure and Climate Change Risk Assessment for Victoria, was prepared by the CSIRO, consultants Maunsell Australia and lawyers Phillips Fox..

Mr Holper said while the findings reinforced the benefits of reducing emissions, its main aim was to discover which parts of Victoria's infrastructure would be most vulnerable to more extreme weather.

"There have been reports like this done in Britain and Canada, but this is still fairly groundbreaking work. So I think the Victorian Government deserves a pat on the back for commissioning this work."

State Climate Change Minister John Thwaites said the report highlighted the need for action by government and industry to adapt to climate change.

"What this report shows is that it's not only obvious areas like water that will be affected, obvious areas like water that will be affected, but that there are also a whole range of other industries from telecommunications to transport that also need to be concerned," Mr Thwaites said.

As population grows, average temperatures are predicted to keep climbing while rainfall is cut, putting water supplies under more pressure.

Potential solutions nominated in the report include catching and re-using stormwater, or "costly, large-scale and politically sensitive infrastructure developments such as desalination plants or dams".

Victoria's ageing power infrastructure is also likely to be hard hit by more extreme weather, with the efficiency of transmission lines reduced by up to 30 per cent on hot days.

"The strain on the system as the population grows and more people install air-conditioners could result in brownouts or blackouts, system failures and, at its most extreme, fatalities as those most vulnerable may be unable to find relief from heat stress," the report warns.

It also finds that water shortages experienced by Snowy Hydro and coal-fired plants – which have forced some Latrobe Valley generators to buy in extra water – are likely to get worse.

The report says more peak power plants may be needed to avoid future power shortages. Other solutions include improving building design standards to cut air-conditioning use.

**Liz Minchin** : May 16, 2007

Copyright © 2007. The Age Company Ltd. The full CSIRO report for the Victorian Government can be downloaded from :

<http://www.greenhouse.vic.gov.au/greenhouse/wcmn302.nsf/childdocs/-9440F41741A0AF31CA2571A80011CBB6?open>

## Info forum number one a great success .....

An interesting measure of how 'green' a community is comes with Origin's individual suburb and even street data on the level of household subscription to green energy. We will track this for Warrandyte over time.

Sadly Australia uses only about 8% renewable energy (RE) at present. 25% RE, the 2020 objective of the ACF and Greenpeace would abate 100 million tonnes of CO<sub>2</sub> - the equivalent to taking every car & truck in Australia off the road. (Australia is on track to produce 695 million tonnes of greenhouse gases by 2020 at current rates.)

## State Government Initiatives

### A presentation by Duguld Murray

Duguld Murray of Vic State Dept of Primary Industry spoke about the raft of new schemes and targets set up and developed with the co-operation of the Department of Sustainability and Environment, developing integrated policies for energy sustainability:

#### Renewable energy initiatives

A number of initiatives are 2006 election commitments, including:

Planned introduction of a feed-in tariff, which will offer fairer prices for households that generate solar and renewable power

Plan to increase the Government's purchase of Green Power from 10% in 2006 to 25% by 2010

\$5 million to install solar panels on 500 schools and community buildings.

Other initiatives not linked to being re-elected are:

Inclusion of solar hot water in 5-star standards for new homes, and rebates for solar hot water systems,

Biofuels target [biodiesel and ethanol fuel] of 5% of consumption by 2010. (Warrandyte CAN's comments: The recommending report also stated that the Government needs to show confidence in biofuels by actually using it themselves through its state fleet and reducing stamp duty on all low-emission cars.) and

Setting of the VRET target of 10% of energy being from renewable sources by 2016.

#### The plan to accelerate renewable energy development

The State Government's actions and the target established to accelerate renewable energy development in Victoria to 10% by 2016, has been the impetus for some significant private investment since its announcement last July. The following privately funded projects have been confirmed: **See chart [A] :**

#### Energy Technology Innovation Strategy (ETIS)

With Victoria's economic performance so linked to our abundant low cost and priced coal resource, it's not surprising to see the injection of State funds to address emission levels is focused on making coal emission levels more acceptable. Through the ETIS over \$140 million has been committed by the State Government to make power generation cleaner, by supporting low-emission energy and greenhouse technologies. Key projects funded by the State and Federal Governments are: **See chart [B] :**

Chart [A] :

Project Type	Company	Location	Size MW	Investment \$m
Solar power plant	Solar Systems	NW Victoria	154	420
Wind Farm	Wind Farm Developments	Naroghid (near Camperdown)	42	80
Wind Farm	Acciona Energy	Waubra, near Ballarat.	192	400
Wind Farm	Wind Hydrogen Ltd	Mt Gellibrand	232	400
Wind Farm	AGL	Macarthur	329	600
Hydro-electric peaking station	AGL	Bogong	140	230
<b>Total Investment</b>				<b>2,130</b>

Chart [B] :

What	Where	Vic \$m	Federal \$m
Solar power station 154 MW	Northern Victoria	50*	75
Coal drying technology	Hazelwood Power Station	30*	50
Coal Drying & gasification technology	Subject to Commonwealth funding	50*	-
Mechanical Thermal Expression pilot plant	Latrobe Valley	6.3	-
Carbon capture and storage trial	Otway Basin	Na	-
Clean Coal Authority	Latrobe Valley	7*	-
<b>Total</b>		<b>143.3</b>	<b>125</b>

\*2006 election commitment

#### Tips for a sustainable home [www.sustainability.vic.gov.au](http://www.sustainability.vic.gov.au)

Everyone can be more sustainable at home. Follow these easy suggestions to make an immediate and noticeable change!

Take reusable bags when you go shopping and refuse plastic bags.

Install or top up insulation in ceilings.

Start a compost heap.

Take shorter showers - keep it to under 5 minutes instead of the average 8 minutes.

Switch appliances off at the power point wherever possible.

Use your recycling bin and make sure you know what can be recycled.

If you have air conditioning set the thermostat to 18-20 in winter and 26 in summer.

Buy products with less packaging.

Install a AAA rated showerhead and a dual flush toilet.

Purchase energy efficient appliances.

## National Emissions Trading Secretariat

A presentation by Clare Penrose.

Clare Penrose explained that emissions trading is a method of managing emission levels. Limits are set on total emissions that are estimated to be acceptable (based on scientific knowledge on climate change and on total emissions production) and 'Permits' to emit are created, which are bought and sold. This puts a cost on emitting which should drive efficiency improvements. Other ways of managing emissions are by a tax (but this doesn't cap the level of emissions that might occur) or by regulation that stipulates how and who should reduce emissions.

Trading of measurable amounts of emissions is however preferred because it allows least cost reductions to be found, Governments don't have to guess best ways to reduce emissions and it allows for common measurement on schemes running internationally, of which there are several already.

### Here's an example of how it works:

Set a 'cap' on emissions

10 million tonnes of CO2 in a year

Create 'permits' up to the cap

10 million permits which each allow 1 tonne of CO2 to be emitted

Allocate the permits to emitters (e.g. coal power station)

Either for free or by auction

Emitters can trade the permits

Firms that can reduce emissions cheaply sell to firms who emit more

Emitters must have sufficient permits to cover their emissions

If a firm emitted 200 tonnes of emissions, must hold 200 permits

Emissions trading will put a price on all activities that emit greenhouse gases

**The sooner we act - the less it will cost!**



### Carbon Offsetting

Offsetting is paying someone else for reducing ("offsetting") your greenhouse gas emissions, when you are unable/unwilling to reduce your own emissions

For example - planting trees, buying renewable energy, energy conservation projects

An emissions trading scheme can choose to allow offsets to be created and used against a firm's emissions.

### Carbon Neutral

Going carbon neutral means calculating the amount of greenhouse gas emissions your life (or a company) creates, and paying to reduce the equivalent emissions from entering the atmosphere somewhere else.

### History of the Development of an Emissions Trading Scheme

January 2004: The States & Territories established a National Emissions Trading Taskforce (NETT) because of the need for certainty in investment decision-making in the knowledge that a smoother adjustment path would require early action and taking the lead would help to persuade other countries to take action. The States and Territories will introduce a national emissions trading scheme by the end of 2010 if the Commonwealth Government does not commit to a national scheme.

December 2006: The Prime Minister formed a joint government-business Emissions Trading Task Group

June 1 2007: Final report presented to the Prime Minister

## Wind Energy in the Australian Market

A presentation by Jonathan Upson

Currently Australia uses about 8% renewable energy mainly hydro, down from 10% in 1997. Jonathan said that there are about 500 wind turbines installed here, about half of these in South Australia, where turbines generate nearly 15% of total power, but nationally the impact is small. The visual amenity and neighbour 'compensation' are two key issues currently limiting wind energy development. Recent State based renewable energy target schemes [as seen in Dugald Murray's presentation], are however now supporting faster development.

### Is Wind Energy Expensive?

The modern wind turbine generates 2 million watts (MW) of electricity which powers about 1000 typical homes at a cost of approximately \$2.5M installed. Jonathan argues this is not expensive when compared with coal fired electricity generation without fuel subsidies, paying a fair price for Water, Being Charged for coal CO2 emissions and paying for the effects of air pollution.

A simple explanation of how wind power works can be found at [www.windpower.org](http://www.windpower.org)

Jonathan used Denmark as an example of a country that has embraced Wind Energy fully. In 1997 wind energy supplied about 5% of electricity, today it provides 17% and the goal is 75%! By 2025. At low energy requirement times it currently provides 100% of needs. With Australia's enormous land mass, and currently 1/4 of the wind turbines, Jonathan argues there's plenty of scope.

### What Would 10% Wind Energy Look Like?

If we achieved 10% of energy coming from wind farms this would be about 1/3 the turbines installed in Germany today (Germany is 1/2 size of NSW). There would be no significant grid upgrade or "Back Up" required and 5000+ new jobs would be created, mostly in regional areas

We thank Zoloto's for sponsoring this forum

*Zoloto's @ The Riverfront*

148 Yarra Street, Warrandyte



# Solar Cells: Best Emission Solution Under the Aussie Sun

**Australia has the potential to reduce its housing sector greenhouse gas emissions to zero if it replicates Germany's solar photovoltaic revolution.** The European country installed 960MW of solar photovoltaic power in 2006, and will be increasing this to over 2800MW by 2010. At the current growth rate of solar electric installations in Germany, in 2010 they'll be installing the equivalent of over one million units on house rooftops per year.

Beyond Zero Emissions is calling for a similar nation-wide roll out of solar photovoltaic technology in Australia. By matching the annual international growth rate of photovoltaic installation, in 2020 every residential home in Australia should be powered by zero emission solar photovoltaic cells.

"This is an exciting opportunity for Australia to significantly reduce its national greenhouse gas emissions," said Matthew Wright, spokesman for Beyond Zero Emissions. "With the current water crisis solar power will very quickly achieve price parity with coal-generated electricity. Australia can create a vibrant local photovoltaic industry, using local workers and materials. The technology is there, we merely need the political will."

The German photovoltaic industry is worth US\$5 billion and employs over 8000 people. It continues to grow at over 30 per cent per annum due to a visionary feed-in tariff scheme. Any excess solar electricity generated is fed back into the grid for which the owner of the solar system is paid at premium prices. This encourages new installations and reduces the payback time on new solar systems to less than five years.

"This is all in a country that has significantly less sunlight intensity than Australia," said Mr. Wright. "Australia is blessed with the greatest solar photovoltaic potential in the world yet our government fails to take action."

Starting at 685MW (1/4 of what Germany will install) of photovoltaic capacity in 2010 as a benchmark, by 2020 Australia will have installed over 22,000MW of solar panels if the industry is allowed to grow at 20 per cent per annum. This is the equivalent of a large 3kW photovoltaic system on every residential home in Australia.

"We are calling for only a quarter of the installations that Germany will achieve by 2010," said Mr. Wright. "22,000MW of clean solar is the equivalent of eleven dirty Loy Yang coal-power stations running at full capacity. Because solar energy potential peaks on the hottest days in full sun, widespread photovoltaic

installation also will reduce any likelihood of 'brown outs' from water stress caused by the drought coinciding with excess power usage.

"Stationary energy accounts for over half of Australia's greenhouse gas emissions. Combined with a ten star energy rating system for homes, massive roll out of wind power, demand side reduction, energy efficiency measures and solar air conditioning, solar photovoltaic technology can lead Australia to a zero emission stationary energy sector by 2020.

"We are lucky that Germany, California and Japan have borne the considerable costs of creating the volume market for solar panels. By 2010 solar panels are projected to fall in price by 40%. Now all we have to do is leverage their early adoption and start a massive program to roll them out on every north facing rooftop at a price that makes not only good environmental sense, but good economic sense.

**"Global warming waits for no one. We need to take the initiative now. Solar photovoltaic technology goes a long way to protecting our future."**

Eastern Germany's sunny future - all from solar energy [http://money.cnn.com/magazines/fortune/fortune\\_archive/2007/05/28/100049624/?postversion=2007052206](http://money.cnn.com/magazines/fortune/fortune_archive/2007/05/28/100049624/?postversion=2007052206)

US Department of Energy: Germany led the world market in photovoltaics installations [http://www.eere.energy.gov/news/news\\_detail.cfm/news\\_id=10675](http://www.eere.energy.gov/news/news_detail.cfm/news_id=10675)

Photovoltaics in Europe predicted to surpass 8,700 MW by 2010 [http://www.re-focus.net/articles/pv/bus\\_news/070502\\_europepv.html](http://www.re-focus.net/articles/pv/bus_news/070502_europepv.html)

World's largest solar power plant built in Germany - on the road to 100% renewable energy supply [http://www.juwi.de/international/information/press/PR\\_Solar\\_Power\\_Plant\\_Brandis\\_2007\\_02\\_eng.pdf](http://www.juwi.de/international/information/press/PR_Solar_Power_Plant_Brandis_2007_02_eng.pdf)

Solar electricity to reach cost parity with coal-based power by 2010 <http://www.edn.com/index.asp?layout=article&articleid=CA6432171>

For comment ring:  
**Matthew Wright** 0421 616 733  
[www.beyondzeroemissions.org](http://www.beyondzeroemissions.org)

Beyond Zero Emissions is an independent Zero Emission Minus Climate Change campaign.

# Forthcoming Events

## Manninham Council

### Thursday 26th July

6.15-7.30pm - Council Chambers, 699 Doncaster Rd, Doncaster

### Meg Worby- "The Truth Condensed: Global Climate Change, Local Action"

As part of Al Gore's Climate Project, this is one of the 10 voluntary slideshows that Meg will present on climate change for an Australian context.

## Act Now!

### Hello friends, colleagues and folks of the Australian climate movement,

As you may have heard, the proposal for an open-cut coal mine at Anvil Hill was approved in New South Wales parliament this week. This is despite:

- The incredible community opposition to the proposal (both within the local region and beyond)
  - Dwindling water resources that would be needed to supply the mine
  - The possibility of it driving away billion-dollar industries that are fed up with coal mining in the region
  - The overwhelming scientific evidence that a principal factor behind driving global climate change is burning coal.
  - The 500+ people who came out just last weekend to peacefully protest the mine at the Anvil Hill site (see: <http://www.greenpeace.org/australia/resources/photo-stories/climate-change/save-anvil-hill>)
- Let's face it - if you live on Earth, this mine is going to affect you. Each year, enough coal will be mined from Anvil Hill to produce 27 million tonnes of greenhouse pollution. The mine will be in operation for 30 about 20 years and by that time, its greenhouse impact would have

## Nillumbik Council

### Thursday 14th June

6.45-9pm Edendale Farm, Gastons Road, Eltham

### Create an energy-efficient home

Bookings 9433 3210  
Megan Frye

### Thursday 12th July

6.45-9pm at Rethink, Banyule City Council Operations Centre

### Being waste wise and buying green

Bookings 9433 3210  
Megan Frye

been 529 million tonnes (more than the annual emissions of many smaller countries). The NSW government is choosing to further fuel global warming for the sake of keeping the coal industry happy.

I urgently need you to do a few things - let's call it a 4-step guide to taking remote action.

1. Most important. Send this email far and wide - many of you receiving this are from outside Australia which is great. Send it to others internationally and tell the world what the NSW government is doing to our atmosphere.
2. Frank Sartor (Planning Minister - the guy who made the decision on the Anvil Hill mine). Tell him that you know what is going on and will be letting the rest of the world know about their plans to further fuel global warming.

Frank Sartor: [office@sartor.minister.nsw.gov.au](mailto:office@sartor.minister.nsw.gov.au)

And if you live in Australia, email your state and federal MPs about this too.

We really can't let this mine go ahead and will be campaigning on many fronts to stop it.

For more information, please go to [www.greenpeace.org.au](http://www.greenpeace.org.au) or [www.anvilhill.org.au](http://www.anvilhill.org.au)

### Julien Gronbach

Clean Energy Campaigner  
Greenpeace Australia Pacific

## Other Events

### Monday 18th June

7.00pm - 9.00pm

### Solar Information Sessions

Have you been thinking about solar power or solar hot water systems and want to know more?

Come along to a free Solar Power Information Session run by the Environment Shop, solar technology experts and installers and hosted by the Moreland Energy Foundation in partnership with the City of Moreland and Sustainability Streets.

The session will cover:

- Information on solar power technology
  - Displays of solar panels and hot water systems
  - Information on prices for various systems and the Government rebates available
  - An opportunity to register interest in group discounts for people living in the same area.
- Rooftop Room, Northcote Town Hall, 189 High Street, Northcote
- RSVP to Jason Cox on 9381 1722 or [jason@mefl.com.au](mailto:jason@mefl.com.au)

### 26 June - 27th June

Telstra Dome

### The Challenge of Global Warming and Peak Oil Conference

The Municipal Association of Victoria (MAV) invites you to the "Challenge of Global Warming and Peak Oil Conference" from Tuesday 26 June (afternoon) to Thursday 28 June 2007, Telstra Dome Melbourne. The Conference provides a unique opportunity for the local government sector nationally and organisations working with local government to come together to build an understanding of the challenges of climate change and deliberate the opportunities for response.

Registration and Program available at [www.mav.asn.au/majorevents](http://www.mav.asn.au/majorevents)

### 22 - 24 June

Adults of all ages  
Healesville,

### Leading with the Heart

30 June - 2 July  
15-25 Olds Healesville,

### Youth LEAD

Empowering people to make their unique contribution to the planet; these programs begin with a 3-day residential workshop that enables you to focus on what you're concerned about, vision how you'd like things to be, determine some ways to get there and develop a plan of action that aligns with who you are and what's important to you.

It's also a chance to reflect on what you're already doing, recharge, be inspired and meet like-minded people. It's amazingly beneficial for personal sustainability too, in this time of SO much going on!

There's also fabulous food and barrells of fun! After the workshop, there's ongoing support as well as the space to connect and network with other Youth-LEADers, HeartLeaders, other Oz GREEN programs and to train as a facilitator or mentor if you wish.

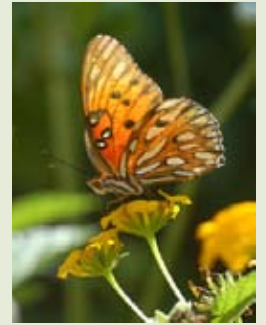
OzGREEN is an independent, not for profit organisation that was established in 1992. Oz GREEN facilitates life changing learning and leadership programs for sustainability, enabling people to harness their inner wisdom, creativity and intelligence to build pathways to an ecologically sustainable future. OzGREEN runs a range of programs, working nationally in Australia and internationally in India, Papua New Guinea, East Timor and Pakistan. <http://www.ozgreen.org.au>

For further information:  
Wendy Hopkins  
9341 8104

[whopkins@ozgreen.org.au](mailto:whopkins@ozgreen.org.au)

## WarrandyteCAN

**Coming Soon!**  
Our political parties confronted on issues on Climate Change.  
What are there policies.



## Committee Members

**Wayne Rankin**  
President

**John Elliot**  
Vice President

**Sylvia O'Neill**  
Secretary

**David Tonkin**  
Treasurer

**Graeme Jameson**  
Public Officer

**Jill Dixon**  
Committee Member

**Debbie Lane**  
Committee Member

# Information

## New Books

### The writing on the wall, China and the West in the 21st century Will Hutton

Will Hutton's book on China is an intelligent analysis, thought provoking and a timely reminder to the West about getting its own house in order before trying to bring true democracy to China.

This book will give the reader a greater understanding about the direction China is headed in, the reasons behind this, and the effects this will have on climate change.

### Now Available

### Scorcher: the dirty politics of climate change Clive Hamilton

Individual carbon rationing is one of the most radical ideas to emerge in the climate change arena. In Britain, both the Government and the Tory Opposition are considering a future in which citizens would need a carbon currency to pay for the greenhouse gas pollution that comes with the electricity and petrol they use.

However, despite a flood of scientific evidence, John Howard is only now accepting that climate change represents any kind of threat to Australia and believes nothing should be done at the expense of the economy. The Federal Opposition is tiptoeing around the subject, wary of being labelled economically irresponsible.

How it came to be that a country as wealthy and educated as Australia is so far behind other nations when it comes to the challenge of climate change is now explained in a new book by Clive Hamilton, director of the Australia Institute.

As Hamilton himself sums it up, Scorcher: the dirty politics of climate change is about greedy corporations, craven politicians and public disengagement.

Hamilton, a long-term critic of the Federal Government, argues that it is partly Howard's heavy reliance on bureaucrats closely aligned to fossil fuel industries and his close personal relationships with coal, oil and aluminium smelting chief executives that has led him to protect them.



That protection, Hamilton says, has come at the expense of renewable industries, the gagging of government scientists, and confusion in the public mind about the seriousness of the threat posed by climate change.

### Now Available

## Useful Links

- [www.greenhouse.gov.au/greenhousefriendly](http://www.greenhouse.gov.au/greenhousefriendly)
- [www.zeroemissionnetwork.org.au](http://www.zeroemissionnetwork.org.au)
- [www.dpi.vic.gov.au/energy](http://www.dpi.vic.gov.au/energy)
- [www.greenelectricitywatch.org.au](http://www.greenelectricitywatch.org.au)
- [www.wwf.org.au/ourwork/climatechange](http://www.wwf.org.au/ourwork/climatechange)
- [www.climatecrisis.net](http://www.climatecrisis.net)

## Become a WarrandyteCAN Member

If you would like to join WarrandyteCAN and be an active contributor to change – review our objectives and become a member. Forward the membership application part of this flyer with your joining fee to the address provided below.



## Objective

- The principal objective of WarrandyteCAN is to communicate to our community the urgent need to take immediate action on climate change, to raise awareness and empower people to act to significantly reduce greenhouse gas emissions.

### Membership Application Form : \$5 for students, \$10 for individuals, \$15 for families and \$50 for business / organisations

Member\* 1: [ Miss. Ms. Mrs. Mr ] First: \_\_\_\_\_ Surname: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Business Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Postcode: \_\_\_\_\_ State: \_\_\_\_\_  
 [T] [ ] [M] [F] [ ]  
 [E] \_\_\_\_\_

Your email address will only be used for the purpose of communication and dissemination of information within our group.

Member\* 2: Family / Business

\*Family / Business / Organisations are allowed two members.

### Payment Details : Please return your completed form with payment

Cheque Attached [ Payable to WarrandyteCAN ]  Cash [ Payable at Warrandyte Neighbourhood House : See below ]  
 Money Order Attached [ Payable to WarrandyteCAN ] Amount Paid : \$ \_\_\_\_\_

**Note: Cash payment** can only be made by including your form & money in an envelope and depositing it in the WarrandyteCAN box at the Warrandyte Neighbourhood House - Warrandyte Community Centre or at WarrandyteCAN meetings and events OR **Mail Cheque or Money Order** including your form to WarrandyteCAN, c/o PO Box 221, Warrandyte 3113.

**Receipts** can only be issued if a stamped self addressed envelope is included. **Tip: When printing** – print to black and save on colour.

## Contacts

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9844 1959

**Sylvia O'Neill**  
9844 2372  
[sylvia.oneill@bigpond.com](mailto:sylvia.oneill@bigpond.com)