

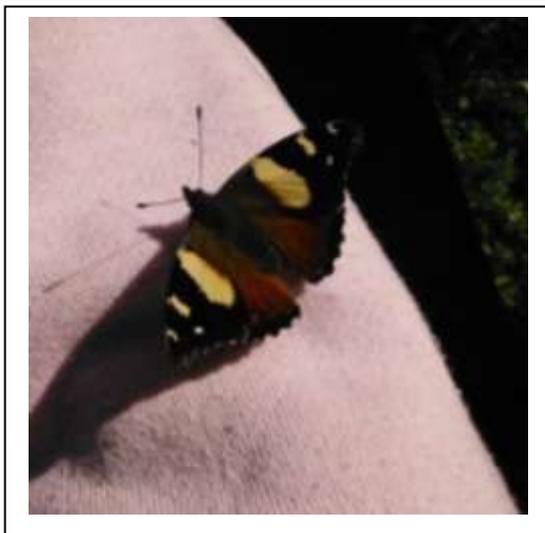


Taking responsibility for a sustainable future



Our trophy can be viewed in the Lincoln Library

## The Lincoln Kidsfirst Kindergarten visit the Mahoe Reserve!



*There were many discoveries made and many great conversations when the children visited on July 1st*

[www.lincolnenvirotown.org.nz](http://www.lincolnenvirotown.org.nz)

The Lincoln Envirotown Kidsfest holiday activity morning held on Friday 19<sup>th</sup> July was a great success with a record number of attendees: 62 children and 47 adults! People came from Lincoln, West Melton, Ladbrokees, Rolleston, Prebbleton, Halswell, Tai Tapu, Kirwee, various places in Christchurch and even from Florida

The students from the Lincoln High School Enviro Council organised a number of successful activities. Thank you so much also to the many other LET helpers!



**Lincoln University Early Childhood Centre (LUECC) celebrates the Enviro Schools organisation by planting a native tree.** They have been enthusiastically supporting the environment for many years.



*Matt Stanford, on right, the Selwyn coordinator for the Enviroschools programme, with children from the LUECC*

**Mahoe Reserve – Thanks to all who help!**



*Mahoe Reserve working bee 7<sup>th</sup> July – thanks to everyone – a great turn out of people who helped while enjoying the company and the good weather!*

# What is coming up? What can we get involved in?

For the summary of up-coming events scroll to the end of this newsletter, back copies of the newsletters can be found on the LET web site [www.lincolnenvirotown.org.nz](http://www.lincolnenvirotown.org.nz)

## Lincoln Envirotown Community Gardens



If you would like to visit the Lincoln Envirotown Community Garden, get involved, or just have a chat over a cuppa, ring Ruth Wood on 325 2193. Our garden is behind the Lincoln Maternity Hospital in James Street. Please park on the street.

*If you have been wondering where Ruth has got to recently, here she is in France, still thinking about gardening!*

## Lincoln Envirotown Trust Meetings – get involved, meet like-minded people

LET meetings are normally held the **FIRST MONDAY** of each month (except public holidays and over the Christmas period) at 7:30 pm in the Lincoln Event Centre, Meijer Drive, off North Belt. We often have guest speakers. All welcome!

**For more information** Please contact Sue Jarvis, 329-5858 or [sue.jarvis@orcon.net.nz](mailto:sue.jarvis@orcon.net.nz) .

**NEXT meeting is 5<sup>th</sup> August - we will be planning our next year's efforts! We would love you to be there to contribute your ideas!**

If you have any spare time or resources – LET always needs more help with our many environmental projects, or perhaps you would like to start one of your own! Please contact Sue on 329 5858 or 021 100 1009

## **Timebanking is coming to Lincoln**, but what is it?

Timebanking is a way of valuing the voluntary and often priceless ways people contribute to their communities. In a timebanking system everyone's time is equal and skills that add to the richness of communities but which are unquantifiable such as friendliness, nurturing and helpfulness are valued. Direct trades of time are not necessary

Timebanking is very successfully run in many communities around Aotearoa New Zealand. For example, Lyttelton Timebank has about 500 members and has found that it has facilitated a number of friendships between people whose paths may have not crossed had it not been for the Timebank. It is a very important part of the Lyttelton community and there was increased demand for it after the earthquakes of 2010 and 2011.

LET aims to have the Lincoln Timebank up and running towards the end of the year with eventually extending to other Selwyn communities. If you are interested in becoming a member or want to find out more about it please contact Sarah on 329 3344 or [sarahp@snap.net.nz](mailto:sarahp@snap.net.nz) Organisations are also welcome to join.

**Sarah has been researching the various ways of running our timebanking, and welcomes help or suggestions.**

## **Mahoe Reserve Working Bees** **First Sunday of the month at 2.00pm** **Next one August 4<sup>th</sup>**

**Planting Day will be on September 1<sup>st</sup> (Children come with your fathers – do something together for Father's Day!)**

Please bring tools, gloves, and if possible a bucket, to working bees

**Where:** Mahoe Reserve, Boundary Road, Lincoln, next to the Golf course, opposite the High School. Ring Denis for info 325 2806

The Mahoe Reserve relies on community helpers to keep going. If you are part of the Lincoln Community, or even if you are not, we would really appreciate your help at working bees, or at any time that suits you! Contact Denis on 325 2806

### **Friends of Mahoe**

If you want to be on the email contact list for Mahoe planting days and working bees, let us know. You are also welcome to join the Mahoe management committee. Only a few meetings a year! Contact Sue on 329 5858 or [sue.jarvis@orcon.net.nz](mailto:sue.jarvis@orcon.net.nz) for information.



## Lincoln Farmers' & Craft Market



**SAT 3rd AUG**  
**10 am to 1pm**



## NATIVES IN THE GARDEN

**Come hear from the experts**

**Do you have environmental goods or services to advertise? Or does your business have a high standard of environmental management? We accept ads from businesses that fit with our aims. \$80 +GST for a full page, \$40 half a page etc. Not for profit environmental organisations may be accepted at no cost. Any money goes to support our activities promoting environmental sustainability.**

# You don't live in Lincoln but would like to make a difference?

There are links on the LET web site and below for information about the other Enviro communities

## ROLLESTON ENVIROTOWN "A better environment starts with you"



Rolleston Envirotown meetings are held on the third Tuesday evening in the month (during winter starting at 7.00pm and during summer starting at 7.30pm). The meeting venue is Community House in Rolleston, 45 Shelley Street. Email [enquiries@rollestonenvirotown.org.nz](mailto:enquiries@rollestonenvirotown.org.nz) or phone 347 8240 if you are interested. All welcome. Visit [www.rollestonenvirotown.org.nz](http://www.rollestonenvirotown.org.nz)

The Rolleston Envirotown Market for produce (sometimes organic) and craft is held on the second Sunday in the month 10am to 1pm. The market is sited in the Rolleston Square carpark area alongside Rolleston Drive. During inclement weather the market will be held along by the shops.

**Next Market : 11 August.** Interested in having a stall? Email [enquiries@rollestonenvirotown.org.nz](mailto:enquiries@rollestonenvirotown.org.nz)

**The Rolleston Envirotown Community Garden** can be contacted by emailing [garden@rollestonenvirotown.org.nz](mailto:garden@rollestonenvirotown.org.nz) or visit [www.rollestonenvirotown.org.nz](http://www.rollestonenvirotown.org.nz). The Rolleston Envirotown Community Garden group greatly appreciate any help as they continue the process of the creation of their community's garden. The group meets on the first and last Saturday in the month during winter, 9.30am-11am. Phone Helen 347 9760 or email [garden@rollestonenvirotown.org.nz](mailto:garden@rollestonenvirotown.org.nz) for more information, donations, or to simply lend a hand. They would like to thank the church and sponsors for their help and support to get them to this point. Without this support this project would not have been possible.

**Come and make some friends while doing something good for the environment. Bring something to drink and nibble, a spade, some gloves and keen energy!**

## SPRINGSTON ENVIRO-COMMUNITY (SEC)



Come and meet up with a group of enthusiastic locals. If you want to find out more, contact Sue on 329 5858. Everyone is welcome!

## The main project at the moment is the **Springston Secret Community Garden**

This community garden is very tranquil, on a large back section, with lots of potential for further development into a diverse garden with vegetables, flowers and native plants. It is a large area which takes a lot of work to develop and maintain, so we welcome more community involvement in the development of this social and learning space. At present the development is focussed on the area used by the Springston School children who have small allotments plus a large area for classes to use. The school children have supervised access every lunch time and are helping to create a colourful enjoyable space. Springston School is now working towards becoming an Enviroschool.

If individuals or groups are interested in becoming involved please contact Zanada 021 023 40473

## ENVIRO ELLESMERE

### Do you live in Leeston, Southbridge, Doyleston or Dunsandel – or the surrounding rural areas?

You are invited to the Enviro Ellesmere meeting on 15 August at 7.30pm in the Community room at the Leeston Library to discuss what issues need action. Let's come up with some creative ways to make our community better for all of us now and in the future. Latest project is planting heritage apple trees. Contact Ingrid [ingocole@gmail.com](mailto:ingocole@gmail.com) 324 2626, or Jade on 324 2228 [jaded.spade@gmail.com](mailto:jaded.spade@gmail.com) for more information

## PREBBLETON ENVIRO-VILLAGE



Sowing seeds for a sustainable community.

Meetings are on the third Wednesday of the month at 7.30pm. If you would like to find out more about Prebbleton Enviro-Village please feel free to come along to the next meeting Nicola Willett (ph 3497990 or email [n.willett@xtra.co.nz](mailto:n.willett@xtra.co.nz)).

They have held sessions on worm farming, sustainable gardening and fruit bottling. PEV as part of the 150<sup>th</sup> celebrations of the settlement of Prebbleton planted 5 fruit and nut trees at Prebbleton cottage. They hope that this will be the start of a community garden on that site. This will be their major project for the foreseeable future

## LITTLE RIVER

To contact the Little River group ring Kaite Hansen on 325 1917 or [believe33@snap.net.nz](mailto:believe33@snap.net.nz)



Interested in Sustainability and Environmental issues?

If you want to meet with likeminded people to discuss and plan environmental sustainability actions for the West Melton come along.

Where: St Paul's Church hall, West Melton Road, opposite the domain.

When: Meetings are on the second Thursday of the month. All welcome.

If you would like more information about meetings please do not hesitate to contact Ingrid McGeachen [info@westmeltonenviro.org.nz](mailto:info@westmeltonenviro.org.nz) or Sue on 329 5858

**There is an interesting field trip on the diversity of species in a local water race coming up soon! Contact Ingrid for more information.**

See the West Melton Enviro-Community web site! [www.westmeltonenviro.org.nz](http://www.westmeltonenviro.org.nz)

**TAI TAPU ENVIROTOWN** the 7<sup>th</sup> "Envirotown" in the Selwyn area.

Tai Tapu residents - Do you want to make a difference in your community?

Do you want your ideas to be heard?

Come to a meeting to share your ideas, concerns and help plan actions that you would like to see happen. All welcome!

**Next Meeting: Tuesday 20 August at 7.30pm at Tai Tapu School Staffroom. Come along and take part in deciding on ideas for the action plan.** For more information contact Jenny Duncan 329 6565 [brickied@yahoo.com.au](mailto:brickied@yahoo.com.au)

The Tai Tapu Playcentre is working on an environmentally sustainable programme and is doing great things. Tai Tapu primary school is also an Enviroschool and has a section on environmental education on their web site. <http://www.taitapu.school.nz>. The community is also making a great effort in planting natives along the banks of the Halswell river, for more information on this, contact the Old Tai Tapu Road Stream Care Group (OTTR) Michelle Brailsford 027 2239 503 or Graham Sherrell 0226 017 431

#### **DARFIELD**

If you live in **Darfield** we are hoping to arrange an initial meeting soon. If you are interested contact **Sue on 329 5858**

**WHITECLIFFES:** An initial planning meeting has been held. For more information contact Sue.

***The Lincoln Envirotown Trust is providing encouragement and support to these communities as they get underway with their sustainability plans.***

If you live in another community and would like help to get a group started, contact Sue.

**We also help other communities outside the Selwyn area.**

**A speaker programme** is part of our aim to be a role model for other communities and provide help and support for them to progress towards sustainability. If you would like a speaker for your group or community contact Sue on 329 5858.

## Stuff for Enviro Kids (and adults!)

**Please send us any ideas, information or links for Enviro Kids!**

We now have an “envirokids” section of our web site. Let us know what you would like on it. Take a look: [www.lincolnenvirotown.org.nz](http://www.lincolnenvirotown.org.nz) click on EnviroKids tab on the left.

**The Story of Stuff** - Have you checked out this short video?

<http://archive.org/details/TheStoryOfStuff> or <http://www.youtube.com/watch?v=9GorqroigqM>

## Other Interesting Info

### **Do we need another planet or three?**

If we divide the amount of usable land on the planet by the number of people we get an “earth share” of 1.89 ha. An average US person has a huge carbon footprint of 9.5 ha, 5 times their share, while an average Indian citizen has a footprint of 0.8 ha. The only country with a reasonable standard of living that has a footprint within their share is Cuba (1.4 ha). The footprint of an average NZer is 7.7 ha up from 5.9 ha in 2006.

NZ’s total ecological footprint was 4.31 global hectares per capita in 2008 (includes farming, biodiversity and many other factors) [www.panda.org/lpr/](http://www.panda.org/lpr/) 2012 report. This sounds slightly better, but not good!

If everyone lived like the average American, the Earth's annual production of resources would be depleted by the end of March in that year. (Global Footprint Network's report)

**So ....What is your Footprint?**

[www.footprintnetwork.org](http://www.footprintnetwork.org) Fun, easy, interactive “game” carbon calculator – no NZ version – so just pretend you live in Tasmania – closest to NZ conditions!

[www.carbonzero.co.nz/calculators/](http://www.carbonzero.co.nz/calculators/) Has calculators suitable for households, small businesses and schools. Needs details such as your power bills. (figures vary depending on the calculator used and the details required)

## **GO GREEN, get rich. Firms that become environmentally friendly will profit the most.**

### **Businesses go green to profit from environmental change**

From issue [2923](#) of New Scientist magazine, 26 June 2013 page 5.

### **GO GREEN, get rich. Firms that become environmentally friendly will profit the most.**

"Companies that adapt quickest to the new environmental realities are the likeliest to thrive," says [Kaveh Zahedi](#) of the United Nations Environment Programme.

In a report released this week, UNEP identified the threats and opportunities posed by environmental degradation to 10 business sectors. Threats include disrupted supply chains, for example. But a changing environment offers new areas to expand into, such as creating more resilient products that withstand severe weather. It also provides more opportunities to gain customers by offering sustainable products.

Last year, researchers [compared 180 companies](#) and found that the more environmentally friendly businesses were more profitable in the long run than their less-sustainable competitors.

*This article appeared in print under the headline "Green pay-off"*

From [www.Celsius.co.nz](http://www.Celsius.co.nz)

### **Carbon Neutral (or Reduction) Supermarket Sections**



We have been trying to drum up support for the concept of carbon neutral supermarket sections. [Read more »](#)

## **What is NABERSNZ?**

NABERSNZ™ is a scheme to measure, rate and improve the energy performance of office buildings in New Zealand. <http://www.nabersnz.govt.nz/>

Commercial buildings in New Zealand account for 9% of our total national energy use, and 21% of electricity use. This includes energy used for lighting, heating, air conditioning, IT and other services. The Energy Efficiency and Conservation Authority (EECA) estimates that around 25% of this energy can typically be saved cost-effectively, through greater efficiency.

An independent NABERSNZ Certified Rating shows exactly how well a building uses energy, compared to other commercial office properties. Certified Ratings range from 0 to 6 stars: the more energy efficient your building, the higher your rating. Through the process of undertaking the Certified Rating, your Accredited Assessor can help you identify ways to improve energy use and reduce operating costs.

There are three types of NABERSNZ ratings:

- base building
- tenancy
- whole building

A free online self assessment is also available, which a building owner or tenant can use to get a feel for how their property might rate. The self assessment tool is a useful first step to understanding and improving your energy use. NABERSNZ is based on the successful Australian NABERS rating scheme, which has been adapted for New Zealand office buildings.

### **Number of Cars Worldwide Surpasses 1 Billion; Can the World Handle This Many Wheels?**

[http://www.huffingtonpost.ca/2011/08/23/car-population\\_n\\_934291.html](http://www.huffingtonpost.ca/2011/08/23/car-population_n_934291.html)

The number of cars on the world's roads exceeded 1.015 billion in 2010, jumping from 980 million the year before, according to a study that has spurred debate on what the rapidly-growing car population will mean for the world's economy and environment.

Not surprisingly, China led the way in vehicle growth, with the number of cars on Chinese roads increasing by 27.5 per cent, amounting to half the entire global growth.

That gives China the world's second largest car population, with 78 million vehicles. But the United States still constitutes by far the largest vehicle population in the world, with 239.8 million cars.

In fact, China would have to increase the number of cars on its roads nearly sixteen-fold to equal the number of cars in the U.S. on a per capita basis. There are 1.3 people for every car in the U.S., while in China there are 6.75 people per vehicle.

If China were to have as many cars per capita as the U.S., its fleet alone would amount to approximately one billion cars.

The OECD's International Transport Forum forecast that the [number of cars worldwide would reach 2.5 billion by 2050](#).

According to [a seminar from Daniel Sperling at UC Davis' Institute of Transportation](#), a vehicle population of 2 billion would require the world to produce at least 120 million barrels of oil per day, up from about 87 million today. Given the slow depletion of conventional oil sources and the gradual move towards more expensive alternative sources such as the Alberta oil sands, it's not clear the world could develop such a large capacity to produce oil.

Transportation "[currently accounts for 23 percent of the world's greenhouse-gas emissions](#)," Brad Plumer writes at the *Washington Post*. "And most of that unconventional oil is significantly dirtier, from a CO<sub>2</sub> perspective, than the traditional stuff. If people in the developing world keep buying vehicles ... then simple upgrades in fuel-efficiency alone aren't going to be enough to stop a steady uptick in global temperatures."

## **Fed up with all that junk mail but still want to receive the local papers?**

Collect one of our mail box stickers from the Lincoln Library for a gold coin, or contact us



**NO JUNK MAIL**  
LOCAL NEWSPAPERS PLEASE

"Taking responsibility for a sustainable future"  
[www.lincolnenvironment.org.nz](http://www.lincolnenvironment.org.nz)



# Organic Horticulture Courses



## The BHU Organics programmes

offer training at one of Australasia's oldest organic farms. The BHU which is located at Lincoln University was established in 1976 and the programmes are offered in partnership with Telford a Division of Lincoln University.

### Introduction to organics:

History & principles of organics, permaculture, beekeeping, shelter, soil management, pest and disease management, plants, composting, liquid fertilisers, worm farming, companion planting

### Applied organics:

Commercial organic production, organic certification, irrigation, plant propagation, indoor and outdoor growing, pruning and orchard design, soil, water and legal issues, farm fencing, practical farm skills

### Fees

\$498 Full Time  
\$346 Part Time

### Start Date:

2nd September 2013

### Information:

BHU Organic College,  
Lincoln University  
phone: 03 325 3684  
www.bhu.co.nz  
college@bhu.co.nz



**Telford**  
Te Whare Wanaka o Puerua  
A Division of Lincoln University



## Hands on training for budding farmers and gardeners

Instruction in organic horticulture is now well established at the Lincoln-based Organic Training College. The next year-long course, which begins on 2nd September, will be the seventh intake for the college. Students need no prior qualifications or experience to commence Year One and can study full or part-time. Those who have some horticultural background can go straight into Year Two.



An added appeal of the course is that all fees are under \$500, and full time students are eligible to apply for a loan with the Student Allowance Scheme.

Course Director Bill Martin says it works well to start the course year in the spring. "The organic horticulture course is all about growing so we want to start the course in spring when it is the right time to begin planting."

Year One students get plenty of hands on training in subjects such as sowing and planting organic crops, soil management and composting. The Year Two students have the option of using land and facilities on the BHU Farm to grow and sell their own certified produce – a semi-commercial venture that gives students a real taste of organic horticulture as a business. The students grow vegetables under the guidance of a mentor and sell them at a weekly stall at Lincoln University "The Year 2 programme gives the students experience in a commercial environment without any risk. It's the icing on the cake for a lot of the students here," says Bill Martin.

As well as the year-long organic horticulture course the college also offers a short course in sustainable farm management which begins on 20 June. A distance (correspondence) programme in organics is also available.

The Organic Training College is located at the Biological Husbandry Unit at Lincoln University. There are 10 hectares of certified organic land as well as greenhouses, tunnelhouses and research areas.



### Native Planting Guide for Lincoln and other Selwyn Communities

produced for the Lincoln Environment Trust  
by Maria Ignatava, Colin Meek and Glenn Stewart  
Lincoln University  
New Zealand Research Centre for Urban Ecology  
Landcare Research



www.lincolnenvironment.org

**Lincoln and Selwyn Native Planting Guide – now updated!** Ever wondered which native New Zealand plants might add that special something to your landscaping? A Lincoln and Selwyn planting guide written for LET with help from Landcare Research and Lincoln University will help with basic background information and planting suggestions.

This guide will help you decide which native plants are suitable for your garden. It gives ideas for shrubberies, hedges, pergolas, herbaceous borders, native lawns, rock gardens and rain gardens. Ecosourced natives are much more likely to survive in our local conditions, without as much care and watering as non-natives. Be part of the Greenway Canterbury movement aiming to spread corridors of natives from the mountains to the sea so that our threatened native plants and animals have somewhere to live and can move from one habitat to the next. This guide is available from the Lincoln Library and Lincoln CRT Real Estate. It is also available as a downloadable file from our web site:

[www.lincolnenvironment.org.nz](http://www.lincolnenvironment.org.nz). Thank you to Kiwiflora and Southern Woods for their sponsorship.

## Borrow the LET Cent-a-meter

The LET Cent-a-meter is a tool that assists homeowners with information about their own energy use. The Cent-a-meter is available from LET for at least \$5 dollars donation and a \$100 refundable deposit. **If interested, contact Sue Jarvis at 329-5858.**



Would you like to reduce your environmental impact and support the Lincoln Envirotown Trust at the same time? Buy a LET bag from the Lincoln Community Market or from Lincoln New World supermarket. It is also an original design that you will find nowhere else!

### Lincoln Envirotown Calendar of Events

Date	Event	Where
Sunday 4 <sup>th</sup> August 2.00pm	Mahoe working bee	Boundary Road, Lincoln
Sunday 1 <sup>st</sup> September 2.00pm	Mahoe Planting Day	Boundary Road, Lincoln
15 August 7.30pm	Enviro Ellesmere Meeting of the new extended group – Leeston, Southbridge, Doyleston and Dunsandel – plus rural areas	Leeston Library Community Room Contact Ingrid <a href="mailto:ingocole@gmail.com">ingocole@gmail.com</a> 324 2626 Or Jade on 324 2228 <a href="mailto:jaded.spade@gmail.com">jaded.spade@gmail.com</a>
Thursday 24 <sup>th</sup> October 5.30 for 6.00pm	Lincoln Envirotown Responsible Business Awards: Lincoln, Prebbleton and Tai Tapu	Lincoln Event Centre, Bayliss Lounge
Friday October 25 <sup>th</sup> 5.30 for 6.00pm	Lincoln Envirotown Responsible Business Awards: Rolleston	Rolleston Community Centre
Thursday October 31 <sup>st</sup> 7.00pm for 7.30pm	Lincoln Envirotown Responsible Business Awards: Enviro Ellesmere	Leeston Library Community room
Thursday 27 <sup>th</sup> March 2014	Kim Hill Debate	Lincoln University
Friday 28 <sup>th</sup> March 2014	Earth Hour Video Competition Awards	Lincoln Event Centre
Saturday 29 <sup>th</sup> March 2014	Earth Hour Barn Dance	To be confirmed
First Sunday of the Month 2.00pm	Mahoe Working bee	Mahoe Reserve, Boundary Road Contact Denis: 325 2806
First Thursday, every other month. Next meeting 20 <sup>th</sup> August	Tai Tapu Envirotown meetings	Tai Tapu School Staff room Jenny Duncan 329 6565 <a href="mailto:bricked@yahoo.com.au">bricked@yahoo.com.au</a>
Third Tuesday of month 7.30pm (7.00pm in winter)	Rolleston Enviro Town Meetings	Rolleston Community House
First and last Saturday in the month during winter, 9.30am-11am.	Rolleston Garden get-togethers Time of day changes with the seasons. Phone Helen on 347 9760 for details, or email <a href="mailto:garden@rollestonenvirotown.org.nz">garden@rollestonenvirotown.org.nz</a>	Corner Brookside Rd and William Street
To be advised	Springston Enviro community meetings Springston Community Garden	Springston Domain, Errol Tweedy lounge At the garden most lunch times Contact Sue 329 5858
2 <sup>nd</sup> Thursday of the month, 7.00pm	West Melton Enviro Community meetings	St Paul's Church <a href="mailto:info@westmeltonenviro.org.nz">info@westmeltonenviro.org.nz</a>
3 <sup>rd</sup> Wednesday of the month	Prebbleton Enviro Village meetings	Contact Nicola Willett (ph 3497990 or email <a href="mailto:n.willett@xtra.co.nz">n.willett@xtra.co.nz</a> ) for venue