



EBEX21[®]

A national system for greenhouse gas Measurement, Management, and Mitigation

What's news?

@ **CarboNZero[®] purchases:**

- ✓ Urgent Couriers has recently made their Wellington vehicle fleet CarboNZero[®].
- ✓ Mercury Energy, based in Auckland, has made their operations CarboNZero[®].
- ✓ Braun Wheatley Partners, a consultancy firm based in Nelson, have made their international air travel CarboNZero[®] for 2004.
- ✓ The YHA New Zealand (Youth Hostels Association of New Zealand) has made their National Office and Auckland Hostels CarboNZero[®] by offsetting more than 300 t of CO₂. A staff tree planting day is also planned for later this year.

Congratulations to them all for demonstrating their commitment to mitigating climate change impacts from their business.

@ **New businesses:**

We would like to commend Air New Zealand, Canterbury University, Restore NZ Ltd, and River Valley who have all recently joined our project. As quoted from Nick at Restore "it [EBEX calculator] is the best CO₂ calculator around and very easy to use".

@ **Research:**

We are glad to announce that we are hosting an MSc student from Lincoln University. As part of his requirements for completing a M.Appl.Sc, Maurice Marquardt will be doing a one-year project titled "An investigation of the greenhouse gas balance of the Marlborough region, New Zealand". This complements other current studies by Landcare Research in the Marlborough region, and is important for further understanding greenhouse gas emission measurement, management, and mitigation at a regional level.

@ **Councils and climate change:**

We are currently conducting research supported by the FRST CLIMPACTS programme: Developing Capacity for Climate Change Adaptation. The focus is to develop an understanding of barriers, opportunities, planning, and implementation of tools and procedures to measure and reduce greenhouse gas emissions at a council level. This involves includes both internal and external issues. Case study work is underway at two councils - Environment Bay of Plenty, and Rotorua District Council.

🌱 SBN CarboNZero® conference results:

As declared at the sustainable business network conference in November 2003, the event was made CO₂ emissions neutral via the EBEX21® forest regeneration scheme. After making some final calculations once the event had finished, we concluded that the conference was responsible for emitting 71 tonnes of CO₂ into the atmosphere. This covers the major emission sources such as vehicular and air travel to the event by the delegates, and accommodation. Landcare Research has offset these emissions by investing \$1170 into EBEX21® offsets.

🌱 We were there....

We had a stand up at the Canterbury Sustainability expo and a joint stand at the Auckland Eco Show and the Canterbury Conservation Day with YHA, the accommodation network with a 70-year history in New Zealand. We believe it is important to showcase our project to the public, and at the same time provide information on climate change issues. We will endeavour to have a presence at more public events that we deem to have a relevance to our project.

🌱 Feedback:

We always appreciate comments and suggestions on our project, so we can make it better. In the first instance, send an email to ebex21@landcareresearch.co.nz.

Point to ponder...

Another reason not to drive over the speed limit:

Driving at 110 km/hr uses up to 25% more fuel than it would cruising at 90 km/hr. That's roughly equivalent to 60 kg more CO₂ emissions for a Christchurch to Dunedin return trip!

Buying a new car? Factor fuel economy into your purchase decision! EECA has vehicle fuel consumption data for a range of common New Zealand vehicles. The Australian Greenhouse Office also has a very extensive data set and has helpful search functions. You can also calculate annual fuel savings when comparing your old vehicle against your intended purchase vehicle.

Both data sets are available via the EECA website:

<http://www.eeca.govt.nz/default2.asp> then click on transport/efficient motoring