

SustainAbility News April 2022

Coming Events:

May is Youth Service Month in Rotary

ESRAG Oceania Chapter Meeting

Thursday 19 May 2022 at 7.30pm

[Launch of the Club Carbon Calculator](#)

[Please book via Humanitix](#)

<https://us02web.zoom.us/j/5598376225>

Climate and Peace Forum

Tuesday 10 May at 6pm

[Register online](#)

[Wednesday 20 May](#)

[World Bee Day](#)

Wednesday 20 May 12.30pm

Rotary Club of Melbourne

[Enviro Awards Guest Speaker](#)

[Claire Moon](#)



June 5

[World Environment Day](#)

ESRAG Oceania Chapter Meeting

Tuesday 21 June 2022 at 7.30pm

Sunday 31 July [National Tree Day](#)

Schools Tree Day Friday 29 July

Save the Date

Sunday 23 October

Future Vehicle Expo & Seminar

Rotary Clubs of Manningham, District 9810

Welcome to our newest members:

District 9510 Brian Harris - Adelaide

District 9685 PDG Ian Scott AM Blue

Mountains; Mina Howard, Blackheath

District 9705 Peter Keith, Wagga Wagga,

Bruce Whaley Nowra

District 9709: Meg Pethybridge, Shepparton

South

District 9790: Kaye Gauci

District 9800: Ken Maher, Canterbury

District 9820 Dick Cox, Somerville Tyabb

Jenny Hammett, Traralgon Central

Colin Bryan, Greater Dandenong & Endeavour

Hills

Non Rotarians Queensland: John Green,

Verity Morgan-Schmidt

From our Chair, Ted Waghorne:

ESRAG Oceania Chair 2021-2022

Hello everyone,

I was very interested in Rupert Maloney's discussion about the future of hydrogen energy. We have all heard about recent publicity about new uses of hydrogen, especially when produced using renewable energy rather than from oil or gas.

I had not appreciated how hydrogen could be used for mining trucks and for long distance transport. Simply put the hydrogen feeds a fuel cell to power the vehicle. Bulk transport of hydrogen for export is more problematic. Considerable research is underway and looking positive to reduce our dependence on fossil fuels.

We also heard from David Dippie about how Rotary Clubs could combine to support transport costs for containers to international destinations. He has introduced such a scheme for the West Footscray DIK, however there is no reason this concept couldn't be copied at other DIK's across Oceania. Our DIK warehouses have collected lots of goods previously destined for the tip but need your help to get these to needy destinations for re-use. Let's get behind their important recycling efforts.

Next month we are discussing how you can estimate the carbon footprint of your meetings, projects or conferences. Jessie Harman, our Rotary Zone Director is launching the ESRAG Club Carbon Calculator for Oceania, with the help of the development team. We will explain how the calculator can be used and we will be discussing ways to reduce and offset carbon emissions resulting from your club's activities.

It will be great if we can meet at our next chapter meeting.

Ted Waghorne



Environment in the news:

Restoring Australia's underwater ecosystems

[Reef Builder: Port Phillip Bay and Wilsons Split Geelong](#)

[OzFish: Moreton Bay](#)

[O'Sullivan's Beach Glenelg, Adelaide](#)

[The Nature Conservancy](#)

[Gippsland Lakes](#)

[The Mint releases a \\$2 Honey Bee Coin to mark the bicentenary of the bee industry.](#)



April [ESRAG newsletter features Donations in Kind—the circular economy.](#)

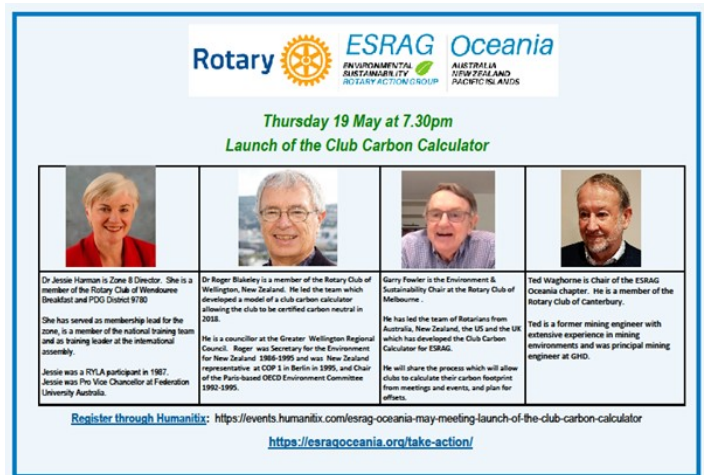
May Chapter Meeting: Thursday May at 7.30pm on ZOOM.

This meeting will launch the Club Carbon Calculator with an official launch by Zone 8 Director Dr Jessie Harman.

Please book via [Humanitix](https://events.humanitix.com/esrag-oceania-may-meeting-launch-of-the-club-carbon-calculator)

Support materials and information have been uploaded to the website:

<https://esragoceania.org/take-action>



The banner features the logos of Rotary, ESRAG Oceania, and Environmental Sustainability Australia. It announces the launch of the Club Carbon Calculator on Thursday 19 May at 7.30pm. Below the logos are four headshots of speakers: Dr Jessie Harman, Dr Roger Blakely, Garry Fowler, and Ted Waghorrie. Each headshot is accompanied by a short biography. At the bottom, there is a registration link: <https://events.humanitix.com/esrag-oceania-may-meeting-launch-of-the-club-carbon-calculator> and another link: <https://esragoceania.org/take-action/>.

<https://events.humanitix.com/esrag-oceania-may-meeting-launch-of-the-club-carbon-calculator>

Climate and Peace Forum

Our next Webinar for **Tuesday 10th May at 6pm AEST** (UTC+10) has the theme **'Decarbonise or Die'**.

It's a quote from Larry Fink who heads up BlackRock, the world's biggest private investment fund, writing to his clients. So, we have a trio of great speakers to explain why this advice is so relevant:

Simon Holmes a Court :

Founder of Climate 200, supporting independent candidates around Australia, Simon is an energy analyst, clean tech investor, climate philanthropist and will discuss the importance of strong leadership to achieve decarbonisation and transition to urgently reduce emissions.

Rebecca Mikula-Wright:

CEO of Investor Group on Climate Change (IGCC) and the Asian Group (AIGCC), Rebecca is developing and delivering investment strategies, and implementation across the Asia & Aust/NZ Investor Groups, covering the big shift across to renewables.

Ivor Frischknecht:

Previous CEO of Australian Renewable Energy Agency (ARENA), Chair of Advisory Group Solar Victoria and Non-Executive Director of Race for 2030, with extensive experience working at the intersection of new energy, climate innovation, and investment.

For Registration: <http://www.climateandpeace.com.au/>



The banner has a green background with the text 'Decarbonise or Die. Financing and transitioning to net zero.' at the top. Below the text are three headshots of speakers: Simon Holmes a Court, Rebecca Mikula-Wright, and Ivor Frischknecht. Each headshot is accompanied by a short biography.

The Rotary Club of Melbourne hosts Claire Moore, founder of Sweet Justice.

Wednesday 11 May 6pm at The Lyceum Club, Dorothy Kaiser Room Level 3 Ridgway Place, Melbourne.

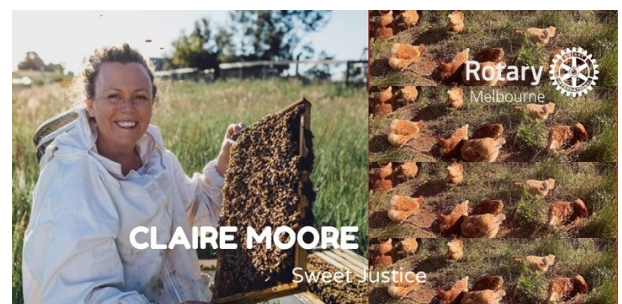
Claire Moore is the Founder and CEO of Sweet Justice Ltd, a Social Enterprise teaching Beekeeping within the Justice System. She was the 2019 Agrifutures Rural Woman of the Year for her stacked enterprise farm on the outskirts of Kyneton. This enabled her to found Sweet Justice, a charitable organisation teaching commercial beekeeping within the Victorian Justice system. Sweet Justice is now expanding into a large-scale commercial beekeeping business, employing and supporting parolees as they reintegrate into the community.

Claire is the inaugural recipient of the Rotary Club of Melbourne Environmental Sustainability Award.

This event is also available via ZOOM.

[Book via Humanitix](https://events.humanitix.com/rotary-melb-11-may)

<https://events.humanitix.com/rotary-melb-11-may>



April Chapter Meeting: Guest Speaker Rupert Moloney.



Rupert started by letting us know that he was a **Rotary Youth Exchange student** to Sweden in 1999 thus has a fondness for Rotary and the work Rotarians are doing.

He then presented a detailed account of the Australian Hydrogen market and the role of the Clean Energy Finance Corporation {an Australian Government organisation}

The CEFC was established in 2012 with a \$10 billion fund to accelerate investment in Australia's transition to net zero emissions. The CEFC works with co-investors across renewable energy generation and energy storage; agriculture, infrastructure, property, transport and waste. Through the Advancing Hydrogen Fund, they support the growth of a clean, innovative, safe and competitive hydrogen industry.

They are Australia's largest dedicated cleantech investor, and back cleantech entrepreneurs through the Clean Energy Innovation Fund.

Over the last 10 years, the CEFC has invested \$5.8 billion powering renewable energy, \$3.8 billion delivering energy efficiency and \$764 million on low emissions technologies, abating approximately 200mtCO₂.

So why Hydrogen?

Meeting climate targets requires clean molecules and massive electrification. Clean Hydrogen has a key role to enable the renewable energy system and decarbonise hard to abate sectors such as heavy transport, industrial energy.

The main markets for renewable Hydrogen are heavy transport and industrial energy.

More than 300kt of GREY Hydrogen is consumed each year in Australia, mainly as industrial feedstock. It is valued at more than \$1 billion and is served by Steam Methane Reforming {methane reacts with steam under pressure to form Hydrogen}
GHG: 8.5 -10 kg of CO₂ / kg of H₂

Blue hydrogen is produced mainly from natural gas, using a process called steam reforming, which brings together natural gas and heated water in the form of steam. The output is hydrogen, but also carbon dioxide as a by-product. Blue hydrogen is sometimes described as 'low-carbon hydrogen' as the steam reforming process doesn't actually avoid the creation of greenhouse gases.
GHG: 0.8 -4.4 kg of CO₂ / kg of H₂

Green hydrogen is made by using clean electricity from renewable energy sources, such as solar or wind power, to electrolyse water. Electrolysers use an electrochemical reaction to split water into its components of hydrogen and oxygen, emitting zero-carbon dioxide in the process. It currently makes up a small percentage of the overall hydrogen due to expense. Minimal Greenhouse gas.

Bridging the economic gap requires a number of optimisation levers such as cost of capital, scale of the industry, supply chains, a green premium, GH₂ vs LH₂ vs NH₃.

[The Australian Hydrogen Market Study](#) analysed the competitiveness of green Hydrogen across 23 Australian industry sectors. It also considered export pathways to replace fossil fuel markets. The research shows that Hydrogen is cost competitive compared to incumbent technology in line haul trucking, return to service trucking, and power now, and will include mining trucks by 2030. Other forms of heavy transport and industrial feedstock maybe equivalent by 2050.

Rupert then took questions for a further 25 minutes. The powerpoint is now available [HERE](#)

Further reading:

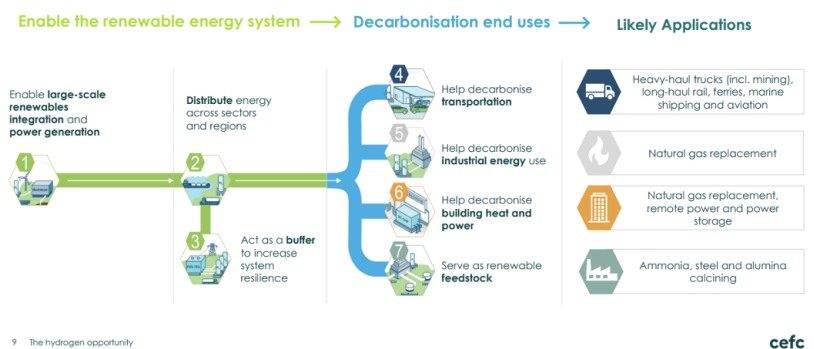
[The rainbow of Hydrogen:](#)

[ARUP Guide to Hydrogen](#)

[SunHQ Hydrogen Hub Townsville](#)

[Andrew Forrest Green Hydrogen plan](#)

[RenewEconomy](#)



Rotarians for Bees

Rotarians for Bees had a very successful event called **Bring Back the Buzz** at Green Acres Golf Club on Tuesday 15th March.

After three frustrating reschedules due to COVID shutdowns, the event went ahead with more than 200 people in attendance and a small number online. Members of many Rotary Clubs and other passionate gardeners and lovers of the environment all enjoyed fascinating and informative presentations from special guest speakers:

Costa Georgiadis, popular ABC Garden Show host, **Fiona Sutton-Wilson**, CEO of the global environment organisation Earthwatch, **Alick Osborne**, CEO of Seasol and Past President of the Rotary Club of Chadstone East Malvern, and **Fiona Chambers**, CEO of the Wheen Bee Foundation.

Rotary International Past President **Ian Riseley** opened the evening with an interview by the amazing Jonathon Shepherd who was MC and auctioneer for the event. Ian spoke of the importance of Environment & Sustainability as the seventh Area of Focus for Rotary globally.



The evening was a very successful collaboration by the Rotary Clubs of Canterbury, Kew, Balwyn and Eltham and members of each of these clubs were active in the Planning Committee which arranged this particularly successful and interesting evening.

At this event, Fiona Chambers also announced the appointment of **Rotarians for Bees** as a key partner in the exciting new national program **Bee Friendly Gardens**. Rotarians for Bees is asking all members and Facebook followers to join the **Wheen Bee Friendly Gardens program**.

All details are on the Wheen Bee Foundation website or on the link BeeFriendlyFarming.org.au and Rotarians are asked to quote the Promotion Code R4B22 which enables a small donation to Rotarians for Bees education programs.

The **Bring Back the Buzz** event itself raised considerable funds for the **Nursery & Garden Industry School Garden Program** and the important work of R4BEES in educating children and parents about the essential role of bees and all pollinators in our food chain and eco system.

The Planning Committee and organisers would like to thank all who attended and supported this marvellous evening and the generous donors and sponsors who made it an amazingly successful Rotary event.

We hope many people join Rotarians for Bees and also ESRAG (Environment and Sustainability Rotary Action Group) on their respective websites to show the ongoing support to the many outstanding and important programs.

John McCaskill
Rotary Club of Canterbury
Rotarians 4Bees
john@jmcresources.com.au



Join **Bee Friendly Farming®**
GARDEN and go in the running
to win a BFF hat (\$25 value)
or BFF garden sign (\$30 value).

BeeFriendlyFarming.org.au



Promotion code: **R4B22**



Plastic Free Oceans

Rob Edwards OAM from the Rotary Club of Corrimal NSW, established [Plastic Free Oceans](#).

Late in 2021 he was presenting a [version of the concept](#) for a Rotary Club in Sydney when one of the audience suggested a link to Sri Lanka.

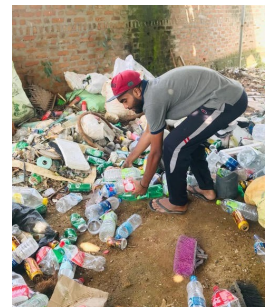
Rob then engaged an NGO in Sri Lanka involved in fisheries and, after some general meetings, has developed a project that is an initially a set of workshops for a small number of youth groups across five Sri Lankan provinces.

They are developing community programs to do weekly plastic pick ups, dispose of and recycle plastic waste and that is now taking place. A few weeks ago one group picked up more than 500kgs of plastic. These are young people really getting involved.

Zoom meetings are live translated to Tamil and Sinhalese – there's a challenge!

But the big picture objective is that the participants are in an ambassador program. Their near term goal is that they move out to other youth groups in their regions and coach them to do the same. The goal is between 150 to 200 youth groups will follow the lead.

Not only does that have a positive impact on the environment, the recyclables return a small amount of money. This is becoming a small focus for women in the fishing villages where the fishing industry is on its knees because of a recent marine shipping disaster.



Peka Peka Wetlands restoration: the Rotary Club of Stortford Lodge, Hastings New Zealand

The club was part of the community group that planted and irrigated thousands of trees there about 10-12 years ago. This project has returned a farm and natural wetland area to its original state of 100 years ago and the restoration includes walkways that allow visitors to experience the natural flora of this area. The club also fundraised for the pathway which gave access to the northern end of the wetland. This has been planted with totara and other trees.



Rotarian Brian Ouseley plants the first of the cabbage trees above the main highway in 2010

There's a hectare and a half planted with native trees. It adds another dimension to the whole site and enables the public to have an over water experience across the boardwalk to another picnic area.



This photo shows the final touch to the Pekapeka shelter, which was put in place on the walking track by Stew and Ken with the signage celebrating "50 years of service to the community".

Mangroves at Western Port

Vic Grosjean of ESRA, a truly motivational speaker on his passion, oceans and mangroves, inspired Dick Cox from the Rotary Club of Somerville Tyabb to arrange a Rotary working group to help Western Port Seagrass Partnership (WPSP) clean up some of our experimental projects on the Western Port Lang Lang coastline. WPSP, of which he is a Director, has for 20 years been trying to establish a protective belt of mangroves on this exposed eroding coastline.



One might ask why WPSP with the emphasis of seagrass in its name has been working hard on establishing mangroves, a simple answer 'man' stuffed it up again! There used to be a thick 'mattress' of seagrass in the East Arm of western port which calmed down the waves therefore reducing coastal erosion. But the seagrass in this area had all but disappeared in 1970 caused by increase in sedimentation and urban/farming run off.

Straight drains were put in (soldier settlement work) to drain the Koo Wee Rup and Lang Lang wetlands to produce highly fertile farmland; farmers used excessive 'super', livestock accessed stream banks, all causing excessive sedimentation smothering and cutting off required sunlight for the seagrass.

CSIRO figures today are still 60,000 tons/year of sediment in the East Arm, 20,000 from the drains, 20,000 from coastline erosion and 20,000 from resuspension.

Melbourne Water are doing great work on sedimentation traps in the drains, farmers are not wasting money on excessive fertilizer, Landcare groups are assisting with fencing and planting along streams and WPSP, Melbourne University and other groups are working on re establishing a protective line of mangroves along the coast.

Why is it taking so long? Western Port (and Corner Inlet) are the southern most limit of mangroves with only one species (20 plus in Queensland and the tropics) which is slow growing so it takes a few years to see whether an experiment is sustainable. The experiments that have been tried over the years are too long to explain here but we are now 'tying' seeds to stakes to help them establish.

In nature seeds drop off mature trees in December/January most years, not every year, we do not know why. They float away until they find a 'quiet' spot to put down their root and send up a shoot and, if the waves don't wash them out, barnacles don't smother them, sediment doesn't smother them or 'man' doesn't pull them out (the later happens in a few areas!) they will grow and produce seeds in about 6 years and spread out calming the waters.

After our small group of Rotarians, from Berwick, Mornington, Casey, Rosebud Rye, Warragul and Somerville Tyabb, joined WPSP scientists and the ex Port of Hastings Harbour Master, Dick, to clean up in the mud I am now looking forward to having Rotarians join us in January/February for a more enjoyable experience to collect and plant seeds as part of Rotary's Seventh Area of Focus.

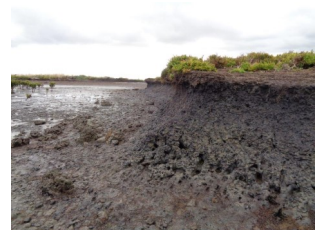
In the mean time, I have organised a boat trip on the Tidemaster which takes 40 people around the north part of Western Port with expert commentary on **Saturday 14th May** departing Tooradin jetty (Foreshore Road) at **0845am returning 2pm**.

There will be catering and tea, coffee available as part of the package.

We are extremely thankful to the District Governor, D9820 District and Somerville Tyabb Rotary Club in subsidizing this trip to keep the cost down to \$30/hd.

Please register with me at rjwcox@bigpond.net.au payment will be on the day as the trip is weather dependent (a decision will be made three days prior) EFTPOS will be available.

Captain Dick Cox OAM



Images: view looking south, erosion and crab holes on the dunes, line of Melbourne Uni concrete plots, a seed survivor, Mangroves doing well, Rotarians collecting old planter tubes.



Rotary Site

This area is the highest area of the farm that is currently being re-established in native bush. This involves substantial earthworks and the creation of three 'natural reservoirs' that provide the water sources to wild life. The dedicated Rotary area is part of this wider development and preliminary clearing and composting has already been completed (shown as the cleared area in the photo). Access to the area is being improved with its wide views, seating, and parking areas.

Many of those who have purchased kauris have done so to commemorate family members. These provide an appropriate and lasting record, however once part of established bush, identification and access is difficult. It is therefore planned to have a large permanent notice board on which the personal labels or plaques that record the donation are fixed – these can be as simple or as elaborate as required. The exact location of each individuals' tree will be logged on a GPS plan.

We are looking for individuals or Clubs to commit to one or more trees at \$100. We are already half way there! Planting will get underway in May/June, depending on weather conditions. Planting will be by horticultural specialists, however any help will be gratefully received.



Gill and Kevin Adshead are committed environmentalists who have over the last 10 years, successfully re-established Kiwi on their 1200ha farm, Mandaia, on the Kaipara Harbour North of Auckland. They retired from running the farm to

devote their energies full time to conservation and predator control. Over 100 kiwi are now breeding on their farm, in native bush that directly bounds onto the Kaipara Harbour. Itself a unique environment that is the breeding nursery for the majority of fish stocks around the top half of the North Island. It is indeed a special place.

They set up the Forest Bridge Trust whose vision is for a predator free 'Bridge' between the Kaipara Harbour and the Pacific Ocean at Mangawhai. Their aim is for an area over 10,000ha that gives critical mass that ensures the long term survival of Kiwi. They now have many local land owners involved, substantial financial support from DoC's Kiwi Fund and a large group of enthusiastic community volunteers.

Our Rotary Club is launching a Centenary Project as a lasting contribution to the environment that is environmentally responsible and affordable – The 100 -100 -100 Plant a Kauri Tree Project. It regenerates kauri bush for \$100/kauri tree and supports the growth in kiwi numbers. The aim is for Clubs and individuals to support this project that will plant 100 trees, each supported by five other native forest trees, podocarps or similar. It will result in a lasting grove of established native bush and extend the area for kiwi to regenerate, a fitting permanent recognition of Rotary's first hundred years in New Zealand.

Gill and Kevin are enthusiastic and will provide the 10,000 sqm required at no cost in a dedicated lease. Planting would start in May/June 2022 with supporting nursery planting. The trees have been secured within the cost budget, and has professional horticultural oversight. The area has good vehicle access, and visitors are welcome at any time to enjoy the views or the many walking tracks. A similar area of dedicated bush is now over 20 years old and provides the model as to how this will evolve.

Payments can be made to the Rotary Club of Takapuna North Community Charitable Trust Account. 03 0180 0173178 000. In order to receive a tax receipt, kindly put the following details with the Payment:- Name; Ref = Trees

Inquiries:

Bill Grieve

Ph: 021 943 823

Email: bgrieve568@gmail.com

For Rotary Club of Takapuna North



Melbourne International Flower & Garden Show—BEES

Several members of Rotarians for Bees, including John & Liz McCaskill, Ted & Rosemary Waghorne, and Rotarians from clubs including Camberwell, Caulfield, Highton, and Kew represented R4Bees at the Melbourne International Garden Show last month. They shared a marquee with the NGIV School Gardens Program with the Wheen Bee Foundation marquee nearby. Rotarians for Bees sponsors the Best Pollinator in the School Gardens competition run by NGIV.

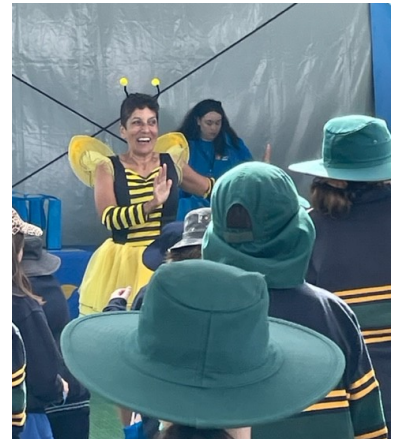
There was a great deal of interest in the bees; and in the promotion of growing plants to provide food and habitat for honey bees, native bees and other pollinators. This is one of the key goals of Rotarians for Bees: raising awareness about the need to preserve our bees and pollinators to maintain our food security.



At our stand we had a jigsaw puzzle of the honey bee. Students (and some adults!) who placed a piece in the puzzle were given a choice of either a bee or a butterfly sticker. The little boy in the photo wanted to complete the entire puzzle, so he got one of each.



On Thursday, we also had Naki Kahn to lead 3 schools in the Waggle Dance. She did a terrific job and the children were enthusiastic 'wagglers', as were some of the parents and teachers.



Rosemary Waghorne, Rotary Club of Canterbury

I Fix the Planet 2022 has launched: Build Hope and Courage Through I Fix the Planet!

By Ariel Miller

The challenge is to describe your project in a 70-100 second video, and upload it to the contest site. This year's round is now *interactive*! You can meet other teams easily in the [contest's virtual room](#) in EXPO, ESRAG's Online Social and Resource Centre. Upload your video to the [contest website](#) from any device.

You can view last year's winning videos on the site or enjoy them on the big screens in our [3-D EXPO gallery](#).

A jury representing all 12 ESRAG Regional Chapters will choose the winners, which will be showcased at the [Rotary International Institute in Basel, Switzerland](#) from 4-6 November. This major conference has the motto OUR FUTURE is NOW!

Last year there were several inspirational entries from Oceania and we hope to see more this year.

Entries close 31 October 2022.

<https://www.ifixtheplanet.com/11-may>

#IFIXTHEPLANET

Rotary



ESRAG
ENVIRONMENTAL
SUSTAINABILITY
REGIONAL ACTION GROUP

New project idea for donations in Kind

Donations In Kind is the largest Rotary Circular Economy / Recycling and Repurposing Project in Australia. Like everyone else the Donations in Kind Stores have been affected by COVID-19 but they continue to battle through. The Victorian stores faced the largest challenge but all stores have been modified to handle the restrictions and they have been prudent in their activity. When cases have been high, they reduce activity to essentials.

Shipping worldwide continues to be a challenge, but so far, countries in our region are faring fairly well. Cost have risen, but the shipping schedules are manageable.

There has been minimal reduction in the offers of donations, but Club funds available to pay for shipping have been significantly reduced. As a result, large volumes of quality items are being rejected / becoming landfill because of lack of funds. We are encouraging everyone who cares about the environment to discuss the options with their International Committee and explore ways they can work together.

District 9800 has developed a great project that any District can adopt. They have gone beyond the traditional model of Clubs identifying, managing and funding their own container project and introduced a multi-club option.

District / Multi-Club Container Projects

The idea is simple. A lot of Clubs donate a small amount towards shipping. For a slightly larger donation Clubs can nominate a project and the group vote on the project they want to support. District 9800 is using this approach to stimulate Club activity.

To become a Project Partner, Clubs donate \$500 into the Donations in Kind RAWCS Shipping account and have three votes in the project selection and can nominate a project for selection.

Providing the project is suitable, the project selected will be eligible for a \$3,000 District Grant.

The successful Club will then receive up to \$10,000 to help with shipping costs. There are no losers as every Club will be a partner in a great International Project. It will also be quality recycling and repurposing project that the Club Environmental Sustainability Committees should support.

District 9800 is also considering this approach for next year.

Clubs would be encouraging to include the funding in their budget. Running a container project then becomes something that every Club can consider. The year would start with a bang, with Clubs nominating their projects on day one. This is something every Club can afford to support with a great environmental result that will benefit many people in a developing country.

Can you encourage your Club, or friends who care about the environment, to donate \$200, which can be tax deductible?

For more information contact David Dippie marketing@rotarydik.org



Our team:

Chair—Ted Waghorne, Rotary Club of Canterbury
Rob Anderson, Rotary Club of Canterbury
David Dippie, Rotary Club of Keilor East
Faye Kirkwood, Rotary Club of Caulfield
Fabienne Nichola, Rotary Club of Camberwell

Former chair— Pat Armstrong, Rotary Club of Doncaster
Ian Dempsey, Rotary Club of Mitchell South
Rob Edwards, Rotary Club of Corrimall
Lesley McCarthy, Rotary Club of Flemington Kensington
Thelma Raman, Rotary Club of Sydney

Team Members needed:

We are seeking volunteers to work in our admin teams to undertake a range of IT, Social Media and Project tasks. Do you have the enthusiasm, skills or experience to participate in one of these teams? For the website, experience in WordPress is helpful and for communications/newsletters and events, MailChimp experience is helpful.



The new ESRAG ANZPI polo shirts are available for order \$40 each plus P&H.

Just the item of clothing to promote Rotary at your next event. See how great our team looked at the recent District 9800 and 9810 conferences.

To order, email Lesley at Lillico2009@gmail.



Understanding time zones:

UTC = GMT: Coordinated Universal Time or Greenwich Mean Time

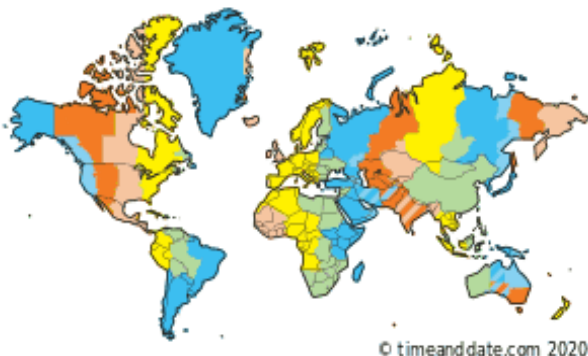
AEDT = DST: Australian Eastern Daylight Time is UTC +11

AEST: Winter // non Daylight Savings Time I UTC +10

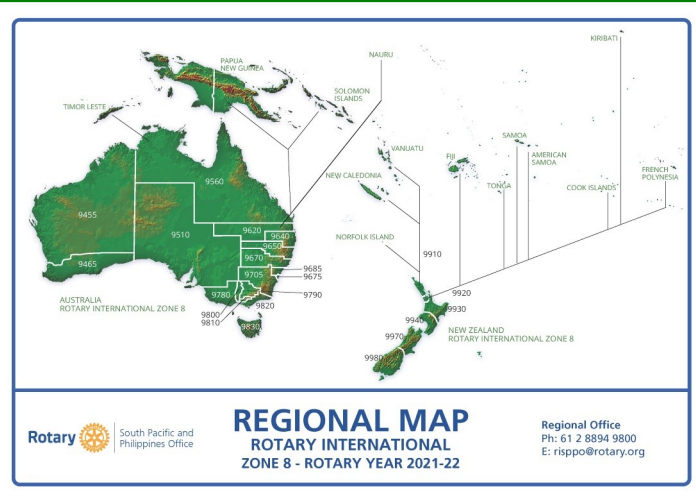
PST: Pacific Standard Time UTC -8

NZDT_DST: New Zealand and Pacific is UTC +13

www.timeanddate.com/time/map/



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I am a proud ESRAG member. Join me?

