



Kyeema Newsletter December 22

As I write on the eve of our 20th year in operation I feel inspired by this exciting final quarter for 2022. First and foremost the Kyeema team has continued our work focusing on marginalised communities. Our definition of which is our key motivator: we exist to serve under-served communities that are at higher risk of detrimental impact from economic, socio-political or environmental instability. Given the current global environment that definition is acutely necessary in our core countries but is also taking Kyeema into even more places around the world. You can see the recap of our great work over the last financial year by visiting our Annual Report:

www.kyeemafoundation.org/about-us/annual-report21-22/

We've made a move towards a more accessible online version of the Report this year so feel free to share the link with your network – of course with a recommendation that they also lend their support!

I am pleased to say Kyeema is still contributing at a community level: the summary of work across our portfolios below bear that out well. This quarter however we've also taken the opportunity to make contributions at the policy level as well. We have recommended to the Australian Government three key areas their new international aid policy could benefit from:

1. Support for more resilient food systems that can better withstand increasing supply chain shocks – including by ensuring reliable, cost effective protein supply at the family level;
2. Adoption of a One Health approach that enables intersectoral coordination to deliver better health for all;
3. An approach to localisation through a First Nations lens. We believe that genuinely listening to and working with local partners will better overcome the trust deficit of large development interventions.

You can read our full submission here:

www.dfat.gov.au/sites/default/files/new-international-development-policy-submission-kyeema-foundation.pdf

This quarter has also seen Kyeema's application for full accreditation under the Australian Not-for-Profit Cooperation Program (ANCP) funded by the Australian Department of Foreign Affairs and Trade. Our base accreditation under this program has been tremendously useful to the organisation and sees us in a fairly select group of charitable organisations in Australia – having passed an extremely rigorous assessment and endorsement process. If we are successful in achieving full accreditation that will increase our funding and further recognise the strength of the Kyeema contribution to the program.

So as joyfully busy as 2022 has been we are even more hopeful that, with your continued support, we'll achieve even greater results for those at risk around the world in 2023. Thank you as always for your support and we wish you all the best for a safe and happy holiday season. Finally remember to let your friends and relative know there is a great option to give a Kyeema donation as a holiday gift! Think of the value and ongoing joy that could be provided by supporting one of our core country programs – easily better value than some socks or a set of tea towels!



December 2022

Nutrition, Health and Livelihoods

Core country project updates

Demonstrating outcomes for rural households in Malawi

Resilient Communities

Community-led coral reef restoration: the inaugural Marine Scientist Workshop

Government supporting communities in PNG to set up heat-tolerant coral nurseries


Making our food systems more resilient

Innovation

Challenge Fund 2022

Gift the gift of impact

Supporting local innovation. Enriching lives.



Nutrition, Health and Livelihoods

Championing small-scale farmers

Core Country Update

Our core country programs in Africa and the Pacific continue to champion small-holder farmers to improve their nutrition, health and livelihoods.

In Ethiopia the private public model of smallholder poultry vaccine distribution is continuing to be implemented with several stakeholders. As a follow up to the last round of poultry vaccinations in Aleta Chuko (Sidama region), Ethiopian Master Trainer Dr Etsegenet Tekeba worked with the Animal Health Institute to conduct some testing of flocks, confirming an adequate level of protection against Newcastle disease infection. Community and stakeholder sensitisation for the program has taken place in both Aleta Chuko and Wondo. In the Amhara region, a two-day refresher training was held for vet vendors, Animal Health Workers and ORDA staff in Kombolcha, who were then able to train community vaccinators.

In Mozambique under our Marracuene project which works to promote local chicken small business to mitigate the impact of COVID-19 on vulnerable women, the three poultry breeding units continue producing and incubating eggs and earning additional income for their households with the sales of eggs and day-old chicks. In the latest project report the key recommendation is the purchase of a bigger incubator to be located in an area with more stable electricity to be used by all the project participants. We are currently developing this project into a broader program for female-farmer led native chicken value chain development in Mozambique.

The Malawi program continues well with the support of community vaccinator and vaccination campaigns across Mchinji, Ntchis and Dowa East. Baseline survey results from Dowa East are almost ready and will contribute to the whole of project mid-term evaluation which will assess progress against planned outcomes for household livelihood, consumption and use of village poultry products and rural women's participation. Read the case study on Mrs Nelesi Henry over page to understand some of the stand out impacts on the project so far.

In Papua New Guinea, the village chicken Master Farmers have stepped up their training in Pinu, Sebare and Gaba Gaba and are looking for ways to improve their engagement with and ongoing training resources for the community beyond the initial training. In 2023 we will also be working closely with Master Farmers to expand the Master Farmer network in PNG and to develop the native chicken value chain further with the hope of improving the income generating potential from this valuable local resource.



Mozambique



Ethiopia

Malawi



**Papua New
Guinea**

Welcome to the home of Mrs Nelesi Henry from Gomani village, Mchinji district in Malawi

Demonstrating outcomes for rural households in Malawi – economic and food security and climate change adaptation amidst COVID-19 upheaval.



Mrs Nelesi Henry is one of the many small-scale poultry farmers in Malawi that have benefitted from ‘Village Poultry for Better Livelihoods (VP4BL) project – an Australian NGO Cooperation Program project funded by the Australian government. Kyeema is implementing this now 3-year long project with local partner Rural Poultry Centre (RPC) Malawi. Since 2019 when Nelesi started participating on the project, her chickens have been healthy and multiplied enough to provide returns to keep her family “comfortable” as she puts it.

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Nelesi meeting with other trained and equipped community-based poultry workers in her community.

Photo credit: Silvester Mkandawire, Rural Poultry Centre Malawi.

The main activity of the VP4BL is control of Newcastle disease (ND) through regular vaccination of poultry with the government made I-2 vaccine. In the initial phase of the project, Nelesi was trained and equipped as a community-based poultry worker (CBPW) thus establishing a small business vaccinating chickens against Newcastle disease in regular (quarterly) vaccination campaigns in her area.

This setup support included being provided with a bicycle to cover more households, a working uniform to be identified and specially designed vaccination equipment to ensure quality vaccine delivery in this rural setting. Before this project she recalls she would regularly lose most if not all her chickens due to frequent outbreaks of Newcastle disease.

“I remember before the start of the project, I had 24 chickens and 22 of these succumbed to Newcastle. I vaccinated the remaining 2 have regularly since then and Chitopa [Newcastle disease] is history now.”



Nelesi showing her chick care unit to other community-based poultry workers.
Photo credit: Silvester Mkandawire, RPC Malawi.

Nelesi now owns 24 chickens again (this is the number she likes to maintain) and reports she sells chickens and eggs periodically to buy household basic needs like soap, salt, school needs for her children and family medical bills. Some chickens are slaughtered for consumption and some of the eggs laid are eaten. Importantly from a regenerative agriculture perspective Nelesi gets manure from her chickens and applies it to her vegetable and Irish potato garden which in her experience produces better harvests. Nelesi has gone a step further by setting up a chick care unit to mitigate the high loss of chicks before weaning. The unit has assisted her reduce the mortality of hatched chicks thereby boosting her chicken numbers. Nelesi has also been able to share this approach with fellow farmers and CBPWs. Nelesi explains:

“I take pride in vaccinating fellow farmers’ poultry. I offer my service at an affordable fee – just enough to cover vaccine cost, other inputs and a small profit.”

During the last vaccination campaign Nelesi vaccinated 2,002 chickens for 62 farmers and managed to realize a profit of 80,000 Malawian Kwacha (~AUD 120/USD 80). She has used this profit towards roofing of her house (under construction), replacing poles for her dairy cow kraal, and a maintenance service for the bicycle she uses during vaccination work.

“I am so happy doing this work in the community to ensure other farmers do not face the deadly Chitopa [Newcastle disease]. It has raised my profile; I am now held in high esteem in the community.”

Her future plan includes acquiring knowledge and skills to help diagnose, control and treat other poultry diseases that are a threat in the community such as Infectious Coryza and worm infestations. This way she will be able to build her services offered to expand profits.

Resilient Communities

Supporting local partners to address locally identified challenges



Community-led coral reef restoration: the inaugural Marine Scientist Workshop

Kyeema Foundation has partnered with Corals4Conservation for a community-led coral reef restoration project which will support young indigenous scientists from Pacific Island countries and community leaders from Fiji (Malolo) and PNG (Yule Island) to help restore compromised reef ecosystems (and linked mangrove habitats) and maintain the protective climate-related services they provide.

The project aims to build capacity to prevent the degradation and collapse of coral reef ecosystems in the face of climate change by applying a community-led, nature-based climate change adaptation solution in key Pacific Island Countries.

The first workshop took place in August in Fiji, with nineteen young indigenous marine scientists making the trip from Fiji, Samoa and Papua New Guinea to attend training on the methods of identifying and testing heat tolerance of select corals from hot pocket reefs, with the aim to eventually outplant them to community-led coral reef restoration sites. The first week focused on theory and technical knowledge of how to build and maintain a nursery. Participants were able to visit the many sites that Corals4Conservation have established around Malolo and see first-hand the potential for scale this method provides in addition to learning the basic practical skills involved in establishing a nursery.



participants also focused on planning for their own test's sites back home, including experimental design. Working in their country groups, they scoped for test site locations using Google Earth, began delegating roles and responsibilities, drafting their budgets and planning ecological data collection as part of the project. Now back home, participants are currently doing the initial on-ground scoping work and finalising their activity plans for submission at the end of September.

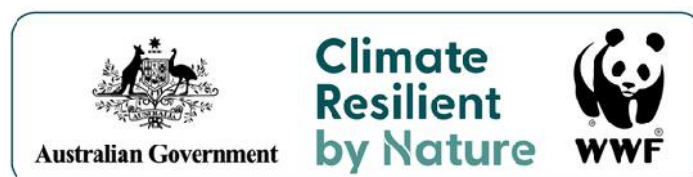


This workshop would not have been possible without our wonderful partner Corals 4 Conservation. The C4C team are truly passionate, hardworking and all around inspirational. Kyeema is deeply proud to be collaborating with such a fantastic organisation doing truly important work! We are also grateful to be working with Just World Partnerships who are supporting travel costs and implementation of monitoring, evaluation, reflection and learning on the project.



Kyeema and C4C are proud to partner with Climate Resilient by Nature (CRxN) to deliver this project.

CRxN is an Australian Government initiative developed in partnership with WWF-Australia. CRxN supports nature-based solutions projects that restore and protect critical ecosystems, build sustainable livelihoods, and increase resilience to climate shocks.





Government supporting communities in PNG to set up heat-tolerant coral nurseries through the Climate Resilient by Nature (CRxN) program

The CRxN Challenge Fund supported climate change adaptation workshop in Fiji this year was an amazing opportunity for marine scientists from Fiji, PNG and Samoa to immerse themselves in a unique climate adaptation approach and expand their working knowledge of coral reef restoration. The workshop was facilitated by Corals for Conservation and focused on the identification and propagation of thermotolerant corals. In attendance were 19 high-capacity participants representing key government agencies, NGOs, universities and communities of PNG, Samoa and Fiji. Experience levels varied, with Samoan and Fijian participants enjoying previous coral restoration experience but for some of the PNG team, this was the start of their coral journey. The workshop strengthened the participants' climate change adaptation knowledge and skills and also helped build the capacity of their organisations and, in PNG's case, strengthened government programs and revitalised important projects.

For the National Fisheries Authority (NFA) team from PNG, the workshop helped rejuvenate their coral reef restoration program. Chris Molai, a project officer with the Fisheries Management Unit, explained that the workshop was invaluable for providing 'a new approach in our coral program, especially dealing with heat resistant corals and, importantly, addressing climate change issues.' The successful completion of the workshop aided the NFA team in accessing project funding to recommence coral restoration work in Port Moresby. The project has a budget for the implementation of test nurseries, that will contribute to activities at the planned longer term restoration sites at Motopore Island to be supported with now released NFA funding. The Port Moresby-based PNG team leading implementation formed as a direct result of the Fiji workshop and consists of participants from NFA, the Conservation and Environment Protection Authority (CEPA) and Kyeema's own coral gardener, Kevin Egu. Now that funding is available and partnerships are forming, Mr Molai and the team are excited to 'learn from these experiences and then modify and scale the work.'



Chris Molai, National Fisheries Authority (NFA)
Photo credit: Carl Ume, Kyeema Foundation.

Corals For Conservation's workshop provided important knowledge and skills, facilitated an environment for developing strong relationships and created excitement and momentum which we are seeing on the participants' return. We are delighted with the progress so far and though this is only the beginning, we are looking towards a long-term approach to improve the climate change adaptation capacity of the Pacific. With the support of the Climate Resilient by Nature (CrxN) project and the quality and drive from our Pacific participants, a robust model for this critical work is emerging and we are excited to see it spread throughout the region.



Gadi Wutnalom, Conservation and Environment Protection Agency (CEPA)



Mildred Kelokelo, University of Newcastle



Matilda Pahina, National Fisheries Authority (NFA)

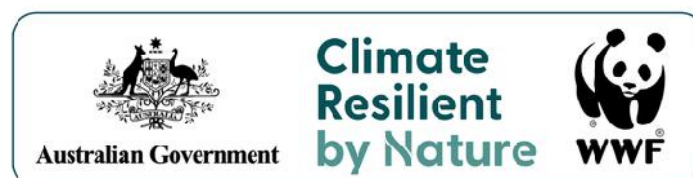


Kevin Egu, Kyeema Foundation

We would like to thank our partners Corals4Conservation and Just World Partnerships for all of their support on this project so far!




This project is supported by Climate Resilient by Nature (CRxN), an Australian Government initiative in partnership with WWF-Australia. CRxN supports nature-based solutions that restore and protect critical ecosystems, build sustainable livelihoods, and increase resilience to climate shocks.



Making our food systems more resilient.

The Kyeema Chair Robyn Alders participated on a panel about building resilience through food security at the Asia Pacific Ministerial Conference on Disaster Risk Reduction 2022 in Brisbane this week.

“Regenerative, equitable food systems will yield huge benefits for individuals, communities and government bottom lines”



Food security and food systems are complex and can both exacerbate and mitigate the existential risks we are facing.

This **complexity** is reflected in the range of food systems that underpin food security.


It is really important that our discussions and policies recognize that some food systems are more ecologically sustainable, more equitable and more likely to contribute to healthy diets than others.

We need to focus on the promotion of food systems that are, at least, carbon neutral and, preferably, contributing to both carbon sequestration and the production and distribution of safe food that efficiently meets the nutritional requirements of people of all genders and ages.


In many countries we tend to overlook the fact that farmers and fishers are key contributors to human health and society. Without them, the broad range of human endeavours beyond the farm and the fishing boat would not be possible. Clearly, none of us could sit here today unless farmers and fishers had produced food surplus to their needs and value chain workers had delivered it to us here in South Brisbane.

And beyond meeting our own nutritional needs, history has repeatedly taught us that a secure food supply is the most potent ‘weapon of peace’ available to humanity. The equitable provision of food security could more than halve human conflicts.

And yes, you heard correctly, achieving food security for all could more than halve the number of human conflicts.



Secure access to safe and nutritious food underpins human civilisation as we know it.



Achieving food and nutrition security requires effective and efficient intersectoral collaboration

Last year, the UNDRR International Science Council published the Hazard Information Profiles as a supplement to their technical report on Hazard Definition and Classification.

In a world with multiple threats and limited budgets, to effectively meet these challenges it's vital that we adopt an **all hazards approach**.

It's interesting to note that the G7 and G20 have recently endorsed the **One Health approach** which highlights the intersectionality of human, animal and environmental health as a key way to reduce the threat of new pandemics. This same approach is being used at a global level to bring together the WHO, FAO, UNEP and WOA (formerly known as the OIE).

Importantly, this same intersectoral and interdisciplinary approach can strengthen food security and ***make food systems more resilient***.

As mentioned in the background material to this conference, we need to look at how we grow our food. We also need to consider where we grow our food and what type of food we produce.

The good news is that by building resilient, carbon neutral food systems that enhance biodiversity and promote foods with optimal natural nutrient densities, we can reduce the acute impact of disasters on food security while also reducing the more chronic, non communicable disease disasters such as type 2 diabetes.

More efficient use of resources can be achieved if human health, agriculture, environment and trade regulations align to ensure that farmers and fishers are appropriately remunerated for producing ecologically sustainable, healthy food that is accessible to and affordable by those who need it most.

A nature-based coral restoration project being implemented in Fiji and PNG in collaboration with the Kyeema Foundation and Corals for Conservation with funding support from the World Wildlife Fund and the Australian Government.

Benefits from coral restoration include a reduction in the impacts of tsunamis, restoration of marine biodiversity and, once the habitat regenerates, sustainable harvesting of marine food sources. While waiting for the marine habitat to be restored, local communities are receiving training in indigenous chicken husbandry and households are restocked with indigenous birds using a pass on the gift approach. This terrestrial component of the project provides direct and indirect support to household food security and helps to conserve indigenous chicken genetic resources.



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It helps us to document and reward indigenous food systems that already meet the criteria of circular food systems. It will also identify and support the transition of other responsible food systems to become economically, environmentally and socially sustainable. Without a doubt, these changes are substantial.

Our health economists, our agricultural economists and our environmental economists tell us, that the return on investment in regenerative, equitable food systems will yield huge benefits to individuals, communities and to government bottom lines.

The sooner we adopt strategic whole of national government and whole of global governance approaches to delivering food systems fit for the 21st century, the better for all of us.

Robyn Alders, AO
Kyeema Foundation Chair



Innovation

Catalysing innovative and inclusive solutions

2022 Challenge Fund

This year, the Challenge Fund doubled its impact and funding as it called for applications under two themes. The two themes included, 'Jobs for Refugees' which sought innovative and sustainable solutions to employ refugees or match refugees to employers and 'Measuring the Value of Nature' which sought innovative solutions to impact management, monitoring, and valuation of nature-based solutions following on from last year's Valuing Nature theme. Across the two, we had over 200 concept note submissions and only twelve of these were shortlisted to the final pitch stage. Funding decisions are in the final stages of approval and will be announced officially in the new year. Both Kyeema and Palladium are very excited with the upcoming collaborations with some fantastic organisations implementing innovative and impactful solutions to some of the world's greatest challenges.

Jobs for Refugees

Measuring the Value of Nature

Give the gift of impact

Now that the festive season is upon us, why not give a gift that creates impact globally for marginalised communities. Head to our donate page and you can give a gift of an amount of your choosing which will be used to support one of Kyeema's core country programs. You will receive a gift card that you can print and gift to your loved ones this Christmas!



Explore other donating options



Support a community in Papua New Guinea to restore their marine ecosystems through coral reef gardening and mangrove planting.



Support rural women in Mozambique to set up small-scale local chicken rearing enterprises to mitigate the impact of COVID-19.



Support a village chicken community vaccinator in Malawi or Ethiopia to start an income generating opportunity in a rural community.



We acknowledge the support of the Australian Government through the Australian NGO Cooperation Program (ANCP) for our projects in PNG, Malawi and with the African Union Pan-African Veterinary Vaccine Centre.



We thank our partner Palladium who directly finance, and volunteer staff time to support projects across the globe.