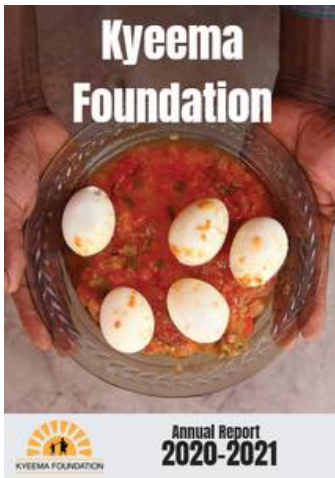




KYEEMA FOUNDATION



DECEMBER 2021

Nutrition, Health and Livelihoods

Core country project updates

Resilient Communities

Humanitarian Relief project update
2021

Our Communities Round Two 2021
Winners Announced

Innovation

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Kyeema Quarterly News Oct-Dec 21

Well it's not quite the start to 2022 that we were all hoping for, with Omicron raging across the globe. However, when the peak is over, there will be more need than ever for activities that support food and nutrition security and build resilience in communities. And we will be there to play our part, working with communities to build their knowledge and skills.

In October, we published our Annual Report for 2020-21:

- We reached 42,537 new households and trained 554 new Community Vaccinators (49% female) in Newcastle disease vaccination for village chickens across our projects in Ethiopia, Kenya, Malawi and Mozambique.
- 5,557 households in four provinces across Mozambique were provided with 15,396 chickens to improve food and nutrition security in the wake of cyclones and flooding; 1,200 of these participated in a nutrition-sensitive program for pregnant and lactating women and children under 5 years.
- 1,892 people (57% female) across Mozambique and Papua New Guinea were supported to have inclusive economic opportunities through improved livestock health and production (village chickens and goats) in small scale farming systems.
- 28 people (8 female & 17 youth) in Papua New Guinea participated in coral reef restoration training.
- 229 people (121 female & two with a disability) were trained and supported to operate a small business through private sector distribution of the government produced Newcastle disease vaccine in Ethiopia and Kenya.
- 358 households across 11 districts in Mozambique and 35 districts in Uganda were engaged to improve productive models for native chicken breeds.

If you would like to read the full report, please [click here](#).

Thank you for your continuing support of Kyeema Foundation!

With gratitude
The Kyeema Team

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Papua New Guinea Project Update

November has seen the start of a mangrove restoration trial at Kari Kari Farm with Uncle Koivi, Kevin and local volunteers planting over 1,000 mangrove seeds. Using a technique that Kevin has had success with on an earlier project in 2019, the team collected seeds then planted them directly along the ocean's edge. The next step is to establish a small nursery and begin growing mangrove seedlings. Their hard work has not gone unnoticed, with PNG's Conservation and Environment Protection Authority (CEPA) keen to investigate their great work and assist in identifying the numerous mangrove varieties native to Bootless Bay. If this trial is successful, we hope to scale these activities across larger areas of Bootless Bay to help mitigate some of the threats to the local marine ecosystem in Central province.



Mangrove seeds collected and planted in pockets that have been harvested and destroyed overtime.



Thriving mangrove seedlings planted by the Tubusereia community in 2019.

Ethiopia Project Update

The third vaccination campaign under the private sector program started on 15 November. Kyeema's Livestock Advisor and two National Trainers supervised Community Vaccinators undertaking the vaccination campaign in the regions of Sidama and SNNP. During this round, a total of 70,400 doses of I-2 Newcastle disease vaccine were planned to be sold by Vet Vendors. The campaign finished in late November, and we will now commence a final project evaluation in the regions of Sidama and SNNP. Sadly, the fighting in Amhara has meant we were unable to implement the vaccination campaign in this region in November. We hope that peace will prevail soon.



Community Vaccinators in Sidama

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Mozambique Project Update

Mrs Helena Chavana is one of three beneficiaries selected for the establishment of poultry breeding units under our project in Maputo province, which is helping to promote local chicken small businesses to mitigate the impact of COVID-19 on vulnerable rural women. Helena has lost birds to Newcastle disease previously. Through her involvement in extension services, she began to vaccinate her chickens to prevent this from occurring. During the participant selection stage of the project, Fundação Kyeema immediately thought of Helena as a standout candidate due to her dedication to her flock and commitment to vaccination and disease prevention.

Helena received all the important resources to begin to grow a viable small business. This included a poultry house, 30 hens and three roosters, two feeders and drinkers and incubator which holds up to 96 eggs and starter feed. Since receiving her chickens at the beginning of November, Helena has collected 352 eggs. The family have only eaten a few eggs so far as she is focused on initially hatching majority of eggs to help grow her flock further.



Mrs Helena Chavana a participant of the Marracuene project breeding unit, receiving her poultry house, 30 Boschveld chickens and a mini incubator.

Malawi Project Update

The end of project baseline survey has been completed with 269 households surveyed. The RPC team are currently analysing the data. 27 more bicycles have been purchased and distributed to the Community Vaccinators, so now all the Community Vaccinators have access to reliable transport for their field work!

Vaccine production is now back to normal, so we have a good supply once again - just in time for our November campaign! This has been completed, with over 40,000 doses of I-2 Newcastle disease vaccine purchased by the Community Vaccinators. The next activity will involve equipping and assisting the demonstration farmers and monitoring their activities.



Community vaccinators in Malawi receiving their bicycles

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Building Resilient Communities with our corporate partner Palladium

In 2021, Kyeema launched its new strategic plan for 2021-2026. A new focus area for us is **Building Resilient Communities** through a One Health and One Welfare approach, where we support social, economic and environmental solutions identified by local partners. As the implementor of our partner Palladium's corporate giving program *Let's Make It Possible* (LMIP), we help to build resilient communities through the Our Communities Fund and the Humanitarian Relief Fund. Both funds support local partners to address locally identified challenges in marginalised communities. In 2021, nine projects were approved for funding through these two mechanisms (<https://kyeemafoundation.org/fundsforimpact/>). Following is a summary of the most recently completed activity and two new activities commencing in 2022.

2021 Response to Tropical Cyclone Seroja in Indonesia

One of the initiatives funded through the Humanitarian Relief Fund was support for response activities to Tropical Cyclone Seroja in East Nusa Tenggara (NTT), Indonesia implemented by Yayasan PIKUL. Tropical Cyclone Seroja hit NTT on 4 April 2021, with heavy rain compounding the damage by causing flash flooding and landslides in several areas. 21 out of 22 districts in the province were affected.

The death toll was 182, with more than 50,000 households displaced. Yayasan PIKUL supported response efforts through the NTT Disaster Risk Reduction Forum (DRR Forum) consisting of a variety of local civil society organisations, government and military departments.

The DRR Forum focused on support for data-information and volunteer management. The Forum managed daily situational reports for the public, including data on impacts and logistics of assistance being received and distributed. Over the months following Tropical Cyclone Seroja, the DRR Forum helped establish a feedback mechanism to encourage accountability and transparency in the response efforts; set up a volunteer management system for humanitarian response integrated with the Disaster Management Office system; and finally carried out a workshop on lessons learned from the response with participants from various civil society organisations, government, and military departments. A lessons learned paper was developed providing key recommendations for future humanitarian response efforts.

Funding for the DRR Forum has not just helped strengthen local capacity to respond to Tropical Cyclone Seroja but has also helped build resilience in the local systems in the event of disasters in the future.

Kyeema would like to thank Yayasan PIKUL and the DRR Forum for its fantastic accomplishments and its partner Palladium for funding important initiatives such as this.



DRR Forum meeting: Photo credit Yayasan PIKUL

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New projects announced for Our Communities Fund

We are excited to announce the two new projects that have been selected for funding under the Our Communities Fund for round two of 2021.

Action through Enterprise – Lawra, Ghana



Bagri Junction school cook Tieryawa with end of term eggs for students. Photo credit: ATE

Action Through Enterprise (ATE) is a UK registered NGO that works in Ghana to enable opportunities for communities to escape the cycle of poverty through access to education, food and income security through small business development and dry season farming, and support for disabled children and their families. They have almost a decade of experience delivering, developing and scaling up core development initiatives in partnership with Ghanaian communities.

ATE works through their 'Hub' Model which involves selecting a rural area based on need. They assign a dedicated ATE Hub Manager to build relationships with the communities and lead on project delivery within the Hub. ATE's partnerships with local schools is an entry point to work with communities to help support children to complete their basic education, identify and support often hidden disabled children, enable growth of small businesses to increase household income, and introduce other program activities over time such as dry season farming, apprenticeships and gender equality projects.

The Our Communities funding will help establish a new hub in Bagri Junction to address the extreme poverty in four rural communities in Lawra, Upper West Region, Ghana. The project will run for a year and deliver improved access to education, increased income for rural households and support for special needs awareness through increased inclusion of disabled children and their families (www.ateghana.org).

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New projects announced for Our Communities Fund

Jobs Have Priority – Washington D.C.



Photo of staff and residents attending a cookout at Saint George's House in 2021

Jobs Have Priority (JHP) is a community-based, non-profit organisation in Washington D.C that helps people who are homeless or at-risk of becoming homeless to seek, obtain and retain employment and secure housing. Originally beginning as a day centre that offered employment resources and assistance, over the years JHP has expanded the scope of its work to better serve the area's homeless population.

JHP's programs strive to empower the disenfranchised. By providing the homeless with education, life-skills and vocational training, JHP increases their options and enables them to become self-actualized members of society. While JHP is an agency whose mission and focus are helping the homeless become employed, they recognize that employment is not a real possibility until the individual and/or family has achieved a basic level of stability. JHP's first focus when working with the homeless is making sure their most basic needs are addressed. Once that is achieved, space opens up to start working on the solutions that are going to take them out of homelessness.

The Our Communities grant will assist homeless and at-risk consumers of the Greater Washington, DC Metro Area to achieve self-sufficiency and sustainability through comprehensive case management and critical supportive services. The project will run for a year and provide outreach services such as housing assistance and employment and vocational training programs (www.jobshavepriority.org).

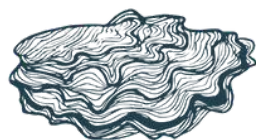
Palladium Challenge Fund Recipients 2021

We are very pleased to announce the winning recipients of Palladium's 2021 Challenge Fund. The theme for 2021 was Valuing Nature.

Oyster Heaven

Oyster Heaven aims to unlock the proven conservation benefits and promising commercial opportunities of oyster reef regeneration, by providing missing technologies and protocols that would allow the regeneration and conservation of this natural capital to become scalable and monetisable. One of the key benefits of oyster reefs lies in their ability to sequester (among others) carbon, nitrogen and phosphates from water at far lower opportunity cost than land based ecological interventions. Growing recognition of the damage caused by these substances has created incentive for a trading scheme in phosphates and nitrogen (similar to existing carbon credit trading schemes). This creates an opportunity to develop a profitable business model around regenerating lost oyster reefs.

The core objective is to develop and test a key innovative technology (biofilm) as a growth medium for oyster beds. Longer term this would inform a set of products, tools and protocols which would allow oyster reef regeneration to be scalable, affordable and sustainable.



Oyster Heaven

The Nakau Programme

The project aims to assist indigenous landholders in Erromango, Vanuatu to generate financial incentives to protect their ecosystems, which can then deliver a pathway for sustainable development and livelihoods, as well as co-benefits associated with ecosystem services such as carbon emission reduction and local nature-based resilience. The project aims to establish and trial an innovative approach with the Erromango Forest Carbon project by aiming to design, test and strengthen an innovative and sustainable business model to manage an island-scale forest carbon project.

The project aims to scale this innovative nature-based solution through improving land use planning approaches on an island scale and finance the development of community level land management activities to support forest restoration efforts and diversify livelihoods of community members. This business model and unique methodology will be established with the support of Nakau and their implementing partners Live and Learn Vanuatu to support local communities to manage their own forest carbon project and benefit sharing.



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Palladium Challenge Fund Recipients 2021

Rebalance Earth

The overarching aim is to build a marketplace for buyers to purchase ecosystem services credits* produced by keystone species**. Through the sale of ecosystem services credits, the pilot will demonstrate the ability to transfer funds from buyers to local communities and wildlife justice initiatives in a transparent, traceable and trusted manner, establishing a higher monetary value for living keystone species that far supersedes its value when dead. Funds from off-setters will go towards supporting wildlife justice initiatives and communities responsible for the protection of keystone species.

This pilot project is based on the forest elephant and their habitat in Gabon. African elephants are keystone species, meaning they play a critical role in their ecosystem. Also known as “ecosystem engineers,” elephants shape their habitat in many ways. For example, during the dry season, they use their tusks to dig up dry riverbeds and create watering holes many animals can drink from. The primary objective is to create a blockchain minimum viable product (MVP)*** to provide trust, transparency and traceability in the exchange of all forms of value between stakeholders around healthy natural capital.

* Ecosystem services credits are incentives offered to farmers or landowners in exchange for managing their land to provide some sort of ecological service. They have been defined as "a transparent system for the additional provision of environmental services through conditional payments to voluntary providers".

** A keystone species is an organism that helps hold the system together. Without its keystone species, ecosystems would look very different. Some ecosystems might not be able to adapt to environmental changes if their keystone species disappeared.

*** A minimum viable product (MVP) is an early version of a product that is designed to ensure that product vision and strategy are aligned with market needs. Blockchain Minimum Viable Product (MVP) development is the process of developing the leanest version of a blockchain application with minimum functionality.



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One Health Day – Celebrating Partnerships

November 3, 2021 marked the sixth annual One Health Day, a global campaign that celebrates and brings attention to the need for a One Health approach, which recognises that human health is closely linked to the health of animals and our shared environment. For example, a little-known fact is that 60% of known infectious diseases in people can be spread from animals and 75% of new or emerging infectious diseases in people come from animals.

Research and action in this field is a collaborative effort by human doctors, veterinarians, ecologists, farmers, sociologists, policymakers, teachers and many more to address shared health concerns at the human-animal-environment interface.

To inform and inspire the next generation of action leaders, we are partnering with One Health Lessons, who are leading a band of volunteers globally to bring One Health learning to classrooms, including two fun and engaging COVID-19 lessons. Today we celebrate this team of amazing young students and professionals who are inspiring young hearts and minds in 80 different languages. We also thank Dr Deborah Thompson, for all her hard work to make it all happen.



We also celebrate one of our other close organisational associations, The University of Queensland School of Veterinary Science, in Queensland Australia, who launched the new Queensland Alliance for One Health Sciences (QAOHS).

“If COVID-19 has taught us anything, it’s that a One Health approach is critical for recognising and reducing the likelihood of infectious diseases emerging from animal populations, which we now know can lead to devastating global health issues and crises.” Director and Project Leader, Associate Professor Ricardo Soares Magalhães (QAOHS)

We look forward to following and supporting the work of One Health Lessons and QAOHS in 2022.

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Become a monthly donor in 2022

A monthly donation will help us to reach more people across our country programs in Papua New Guinea, Malawi, Mozambique, Ethiopia and Kenya. You can ask for your donation to be allocated to a specific country initiative or simply where it is needed most. Your contribution allows communities to leverage their own knowledge and resources to restore local ecosystems, secure sustainable food and nutrition, and grow inclusive business opportunities. Join us in championing the health and prosperity of the people and environments that need it most.



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



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



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

Explore donating options

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, the three 'Let's Make It Possible' initiative for projects across the globe.



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