

Basic Information

Grant title

Solid Waste Management and Recycling Project in Kyaka II Refugee Settlement

Type of Project

Humanitarian Project

Address community needs and produce sustainable, measurable outcomes

Primary Contacts

Name	Club	District	Sponsor	Role
Urs Herzog	Allschwil-Regio Basel	1980	Club	International
Richard Kalungi	Kampala South	9213	Club	Host

Committee Members

Host committee

Name	Club	District	Role
Gilbert Agaba	Kampala South	9213	Secondary Contact
Hudson Mutalya	Kampala South	9213	Secondary Contact
Rita Tinka	Kampala South	9213	Secondary Contact
Mukwenda Emma	Kampala South	9213	Secondary Contact

International committee

Name	Club	District	Role
Stefan Baltisberger	Allschwil-Regio Basel	1980	Secondary Contact International
Annina Heuss	Allschwil-Regio Basel	1980	Secondary Contact International

Do any of these committee members have potential conflicts of interest?

No

Project Overview

Tell us a little about your project. What are the main objectives of the project, and who will benefit from it?

The Project seeks to address the challenge of Plastic waste pollution within the Kyaka II Refugee Settlement in Western Uganda. Through creating knowledge and awareness about proper plastic waste management (disposal, collection and sorting practices), and building partnerships with local authorities and plastic waste recycling companies, the project will conserve the environment through proper Plastic Solid Waste disposal and Management, and create income generating and employment opportunities among women and youth in the refugee settlement while improve living conditions and reducing health risks associated with improper plastic waste disposal.

As of June 2021, Kyaka II settlement host a total population of 125,450 (124,194 refugees and 1256 Asylum seekers) a total of four busy trading centres (Bukere, Byabakora, SWESWE and Itambabiniga). Within the trading centres, there is increased generation of solid waste which if not properly managed could result into serious environmental and public health risks, and yet on other hand the solid waste generated if properly managed and utilized, could present great opportunities such recycled into briquettes, breeding of warms for poultry (chicken feeding), scraps selling and manure as well as business opportunities in selling of plastics and scrap.

Solid waste refers inhere to all non-liquid wastes. Solid waste can create significant public health risks and unpleasant living environment if not disposed of safely and appropriately, these can range from water pollution / catchment areas and environment, breeding site for insects, vectors, pests, and vermin that cause chances of disease transmission. In Bukere trading centre, approximately 80% of the waste generated is biodegradable in form of food peelings and remaining, husks, papers, leaves and stalks, while 20% is non-biodegradable such as polythene/plastics, metals, rubbers and glasses.

As of September 2021, Oxfam continues to closely engage community groups in collection, transport of solid wastes from Bukere – solid waste management group and Bujubuli base camp - Bamwe Buyonjo to the dumping site in Bwiriza, this approach is facilitated by polluter fees collected from partner organizations at Bujubuli base camp and from market vendors from Bukere trading centre. Each partner is required to pay 50,000/= (operation partners) and 70,000/= (implementing partners) and in Bukere each market vendor or shop keeper is required to pay 1,000/= per week for cleaning up the waste generated. These polluter fees support the two groups to hire trucks for solid waste collection and transportation to the dumping site and Oxfam through UNHCR funding supports loading fees. In addition, the community groups were trained on appropriate solid waste management mechanisms such as the 3Rs (Reduce, Reuse, Recycle), supported with assorted PPEs (overalls, gum boots, masks, heavy duty gloves) and tools to facilitate them undertake their work effectively.

Oxfam together with OPM, UNHCR identified a dumping site in Bwiriza for the final management of wastes through sorting, reusing, recycling), this will be graded and fenced off to avoid unauthorized access. Oxfam is currently engaging with Adapt Plus an entrepreneur within the settlement currently engaged in recycling waste into briquettes, plans are under way to construct a sorting / drying shade to facilitate the sorting and drying of

wastes.

Problem statement.

In absence of appropriate management solid waste measures especially the final non biodegradable (plastics, glass, metals, clothes, polyethene bags) in the settlement, the designated dumping sites will be filled calling to continuous identification of more sites which is not sustainable and environmentally friendly, these will continue becoming public nuisance sine community members may resort to burning or burying their waste in an uncontrolled manner. If not burnt solid waste is littered around ending up polluting farm-lands (especially plastic) and disrupting the ecological balance of the environment.

Key public health risks associated with poor solid waste management in Kyaka II settlement include:

If no measures undertaken, solid wastes will continue to be breeding places for flies, mosquitoes, and rodents such as rats yet these are disease causing vectors these find shelter and food in wastes, Open burning of waste and uncontrolled dumping create dust / fungi containing aerosols, that cause air pollution and gas emissions which are hazardous to health and the environment. Additionally, items such as broken glass, razors, hypodermic needles, potentially explosive containers, etc. presenting waste pose danger to those handling the waste and to children as well as uncontrolled leachate (polluted water) from rain washing through dumped waste can pollute water catchment areas.

Justification.

Much as all the above measures are in place, there is great need for more resources to further facilitate the final management of non biodegradable items such as metals, plastics, gun bags and polythene bags within the settlement as well as support recycling and reusing biodegradable wastes into briquettes and manure. Furthermore, if no measures undertaken, uncontrolled solid waste would present public health risks as summarized above. This therefore calls for a need to establish, train and support other solid waste management groups in other upcoming trading centers of Byabakora, SWESWE and Itambabiniga, support 3 groups in Itambabiniga.

Areas of Focus

Which area of focus will this project support?

Community economic development

Measuring Success

Community economic development

Which goals will your activity support?

Building the capacity of local leaders, organizations, and networks to support economic development in poor communities; Increasing access to renewable energy and energy-efficiency measures to create more sustainable and economically resilient communities; Empowering communities to develop environmental and natural resource conservation skills for economic gain; Strengthening communities' economic resilience and adaptive capacity in response to environmental and climate-related hazards and natural disasters;

How will you measure your project's impact? You need to include at least one standardized measure from the drop-down menu as part of your application.

Measure	Collection Method	Frequency	Beneficiaries
Number of individuals trained	Grant records and reports	Every year	1000-2499
Number of youth employed in income-generating activities	Grant records and reports	Every year	500-999

Do you know who will collect information for monitoring and evaluation?

Yes

Name of Individual or Organization

MConsult UG Limited

Briefly explain why this person or organization is qualified for this task.

They are providers of monitoring and evaluation services for the Rotary Club of Kampala South, and will be involved in every step of setting the project Goals and measurable indicators.

Location and Dates

Humanitarian Project

Where will your project take place?

City or town

Kyegegwa district

Country

Uganda

Province or state

Western Uganda

When will your project take place?

2022-07-01 to 2024-06-30

Participants

Cooperating Organizations (Optional)

Name	Website	Location
Ministry of Water and Environment	https://www.mwe.go.ug/	Plot 21/28 Port Bell Road Kampala Uganda
Global Green Growth Institute (GGGI)	https://gggi.org/country/uganda/	Bugolobi Kampala Uganda
UNHCR – The United Nations High Commissioner for R	www.unhcr.org	94 rue de Montbrillant Geneva Switzerland
OXFAM in Uganda	https://uganda.oxfam.org/	Plot 3459, Tank Hill Road, Muyenga/P.O. Box 6228, Uganda Tank Hill Rd, Kampala, Uganda Kampala Uganda

Supporting Documents

Do any committee members have a potential conflict of interest related to a cooperating organization?

No

Why did you choose to partner with this organization and what will its role be?

The organizations identified are key players in the Environment conservation sector, and are involved in practices geared towards recycling, proper waste management and development of alternative sources of use to plastic bags.

Partners (Optional)

List any other partners that will participate in this project.

Rotary Club of Kampala South

UNHCR

OXFAM International

Rotarian Participants

Describe the role that host Rotarians will have in this project.

Host Rotarians will oversee the development of the project activities, build partnerships with like minded individuals and organisations to support the project, work with the community on sustainable outcomes, oversee project implementation, manage resources, and lead the project measurement to ensure key goals set out are achieved. Rotarians will also set up a committee within the refugee settlements who will be champions of the project on the ground.

Stewardship, control of finance flow, accountability, reporting to the international partner

Integration of the refugees in sorting out the waste and profit from the recycling profit to become able to support their own lives.

Describe the role that international Rotarians will have in this project.

International Rotarians will provide expertise and best practices from the international world in effective ways

that have been applied in waste management. They will also share information about cost effective technologies which can be used in proper waste management and where possible, support on the community enterprise development by providing potential markets for recyclable material. They will be engaged in funding this project and reporting to the donors involved. Regular contact with the Host Partner in exchanging intermediate results by monthly Zoom sessions. Publicity within Rotary platforms. If possible visit the project with interested Rotarians from Europe. Personal project visit in February 2022.

Budget

What local currency are you using in your project's budget?

The currency you select should be what you use for a majority of the project's expenses.

Local Currency	U.S. dollar (USD) exchange rate	Currency Set On
UGX	3550	21/03/2022

What is the budget for this grant?

List each item in your project's budget. Remember that the project's total budget must equal its total funding, which will be calculated in step 9. Every global grant includes a match of at least \$15,000 from The Rotary Foundation's World Fund. Project budgets, including the World Fund match, must be at least \$30,000.

#	Category	Description	Supplier	Cost in UGX	Cost in USD
1	Equipment	Tri cycle bicycles for transporting waste, plastic chipping machine, briquette extruders and compactors	Local suppliers	102000 000	28732
2	Operations	Procurement of roller bins, cleaning kits, PPE. Operations of dumping site, incinerator, drying green house	Local Community and Partners	166077 982	46783
3	Project management	Supervision	Local community	210000 00	5915
4	Signage	Project Signage	Local Supplier	3700000	1042
5	Training	Training for youths and women groups	Rotary and Partners	370000 00	10423
6	Supplies	Raw material collection and transport	Local community	320000 00	9014
7	Operations	Contingency	Rotary	326997 50	9211
Total budget:				394477 732	111120

Funding

Tell us about the funding you've secured for your project. We'll use the information you enter here to calculate your maximum possible funding match from the World Fund.

#	Source	Details	Amount (USD)	Support*	Total
1	Cash from Club	Kampala South	5,000.00	250.00	5,250.00
2	Cash from Club	Kampala South	2,000.00	100.00	2,100.00
3	Cash from Club	Rheinfelden-Fricktal	10,000.00	500.00	10,500.00
4	District Designated Fund (DDF)	1980	10,000.00	0.00	10,000.00
5	District Designated Fund (DDF)	9213	3,000.00	0.00	3,000.00
6	District Designated Fund (DDF)	1950	10,000.00	0.00	10,000.00
7	District Designated Fund (DDF)	1880	10,000.00	0.00	10,000.00
8	District Designated Fund (DDF)	1842	5,000.00	0.00	5,000.00
9	Cash from Club	Tainan Southeast	1,000.00	50.00	1,050.00
10	Cash from Club	Taipei Gourmet	2,000.00	100.00	2,100.00
11	Cash from Club	Taipei Ricardo	1,000.00	50.00	1,050.00
12	Cash from Club	Tainan Phoenix	3,000.00	150.00	3,150.00
13	Cash from Club	Chung-Ho Full-May	1,000.00	50.00	1,050.00
14	Cash from Club	Taipei North	2,000.00	100.00	2,100.00

*Whenever cash is contributed to the Foundation to help fund a global grant project, an additional 5 percent is applied to help cover the cost of processing these funds. Clubs and districts can receive Paul Harris Fellow recognition points for the additional expense.

How much World Fund money would you like to use on this project?

You may request up to 30,400.00 USD from the World Fund.

30400

Funding Summary

DDF contributions:	38,000.00
Cash contributions:	27,000.00
Financing subtotal (matched contributions + World Fund):	95,400.00
Total funding:	95,400.00
Total budget:	111,120.00

Humanitarian Projects

Project planning

Describe the community needs that your project will address.

- Economic empowerment and jobs
- Support for women and youth
- Waste disposal and management

How did your project team identify these needs?

The Rotary Club of Kampala South has closely worked with Kyaka II refugee settlement for the last 3 years. This has given us an opportunity to interact with the people and understand their needs.

How were members of the benefiting community involved in finding solutions?

The above mentioned community needs were extensively discussed with the communities and solutions sought through focused group discussions. The community members acknowledged that improper disposal of plastic waste was indeed a problem, putting them at risk of disease and suggested that the plastic waste could be recycled for economic empowerment as well as disease prevention.

How were community members involved in planning the project?

The community members were excited about a plastic waste recycling project. They were asked to share ideas and henceforth pledged to host and maintain such a project in their area. They also committed to fully participate in the implementation activities of the project, such as collection, sorting and recycling of plastic waste

Project implementation

Summarize each step of your project's implementation.

Do not include sensitive personal data, such as government ID numbers, religion, race, health information, etc. If you include personal data, you are responsible for informing those whose personal data is included that you are providing it to Rotary and that it will be processed in accordance with Rotary's [Privacy Policy](#).

#	Activity	Duration
1	Meeting with Local leaders and signing agreements	2 weeks
2	Preparation of project site	1 month
3	Recruitment and training of project participants	1 month
4	Procurement of equipment	3 months
5	Installing of equipment	2 months
6	Collection of plastic waste	3 months
7	Sorting, recycling and storage	12 months
8	Machine maintenance	2 weeks
9	Monitoring and Evaluation	3 months

Will you work in coordination with any related initiatives in the community?

Yes

Briefly describe the other initiatives and how they relate to this project.

We shall closely work with United Nations High Commission for Refugees and other Non-Governmental establishments in the refugee settlement.

Please describe the training, community outreach, or educational programs this project will include.

The local leaders shall be trained to supervise and support the project participants
The project participants shall be trained in collection, sorting, cleaning, storage and recycling of plastic waste.
There will be regular group training for machine operations and maintenance.
The participants shall also be trained in marketing and financial management.

How were these needs identified?

Through group interactions and discussions, the level of knowledge on matters of plastic waste management among the community members were determined. It was also agreed that for the success of the project, such trainings and many more will be provided.

What incentives (for example, monetary compensation, awards, certification, or publicity), will you use, if any, to encourage community members to participate in the project?

The project shall directly reward her participants through sale of recycled items.

List any community members or community groups that will oversee the continuation of the project after grant-funded activities conclude.

The local leadership in the refugee settlement shall oversee the implementation of the project and maintenance of the equipment. The project participants shall also form a savings group to ensure good financial management of the project.

Budget

Will you purchase budget items from local vendors?

No

Explain the process you used to select vendors.

The PET recycling machine is not readily available in Uganda and so shall be procured from China.
Otherwise the rest of the items shall be bought from local vendors.

Did you use competitive bidding to select vendors?

Yes

Please provide an operations and maintenance plan for the equipment or materials you anticipate purchasing for this project. This plan should include who will operate and maintain the equipment and how they will be trained.

2 local technicians and machine operators shall be recruited and proper training on operations and maintenance of the equipment given. We shall arrange regular visits from partners running plastic waste recycling projects.
The equipment shall be serviced every 6 months
Operations and Maintenance reports shall be regularly provided
Replacements for machine parts shall be identified in time and procured

Describe how community members will maintain the equipment after grant-funded activities conclude. Will replacement parts be available?

The community members shall receive ample training for operation and maintenance of the equipment. Local technicians shall be engaged to build capacity and to provide guidance on access to replacement parts. For the parts that are not locally available, arrangements shall be made to have them imported.

If the grant will be used to purchase any equipment, will the equipment be culturally appropriate and conform to the community's technology standards?

Yes

Please explain.

The equipment will be simple and easy to operate. Specific training shall also be provided to enable seamless running of the equipment

After the project is completed, who will own the items purchased by grant funds? No items may be owned by a Rotary district, club, or member.

The items shall be owned by the group of project participants, and supervised by local authorities.

Funding

Does your project involve microcredit activities?

No

Have you found a local funding source to sustain project outcomes for the long term?

No

Will any part of the project generate income for ongoing project funding? If yes, please explain.

Yes, the recycled plastic waste shall be sold by participants to generate income.

Authorizations

Authorizations & Legal Agreements

Legal agreement

Global Grant Agreement

I confirm and agree to the following:

1. All information contained in this application is, to the best of our knowledge, true and accurate.
2. We have read the Terms and Conditions for Rotary Foundation District Grants and Global Grants ("Terms and Conditions") and will adhere to all policies therein.
3. The grant sponsors ("Sponsors") shall defend, indemnify, and hold harmless Rotary International (RI) and The Rotary Foundation (TRF), including their directors, trustees, officers, committees, employees, agents, associate foundations and representatives (collectively "RI/TRF"), from and against all claims, including but not limited to claims of subrogation, demands, actions, damages, losses, costs, liabilities, expenses (including reasonable attorney's fees and other legal expenses), awards, judgments, and fines asserted against or

recovered from RI/TRF arising out of any act, conduct, omission, negligence, misconduct, or unlawful act (or act contrary to any applicable governmental order or regulation) resulting directly or indirectly from a Sponsor's and/or participant's involvement in grant-funded activities, including all travel related to the grant.

4. The failure of the parties to comply with the terms of this Agreement due to an act of God, strike, war, fire, riot, civil unrest, hurricane, earthquake, or other natural disasters, acts of public enemies, curtailment of transportation facilities, political upheavals, acts of terrorism, or any similar cause beyond the control of the parties shall not be deemed a breach of this Agreement. In such an event, the Agreement shall be deemed terminated and the Sponsors shall refund all unexpended global grant funds within 30 days of termination.

5. TRF's entire responsibility is expressly limited to payment of the total financing amount. TRF does not assume any further responsibility in connection with this grant.

6. TRF reserves the right to cancel the grant and/or this Agreement without notice upon the failure of either or both of the Sponsors to abide by the terms set forth in this Agreement and the Terms and Conditions. Upon cancellation, TRF shall be entitled to a refund of any global grant funds, including any interest earned, that have not been expended.

7. The laws of the State of Illinois, USA, without reference to its conflicts of laws principles, shall govern all matters arising out of or relating to this Agreement, including, without limitation, its interpretation, construction, performance, and enforcement.

8. Any legal action brought by either party against the other party arising out of or relating to this Agreement must be brought in either, the Circuit Court of Cook County, State of Illinois, USA or the Federal District Court for the Northern District of Illinois, USA. Each party consents to the exclusive jurisdiction of these courts, and their respective appellate courts for the purpose of such actions. Nothing herein prohibits a party that obtains a judgment in either of the designated courts from enforcing the judgment in any other court. Notwithstanding the foregoing, TRF may also bring legal action against Sponsors and/or individuals traveling on grant funds in any court with jurisdiction over them.

9. This Agreement binds and benefits the parties and their respective administrators, legal representatives, and permitted successors and assigns.

10. If any provision of this Agreement is determined to be illegal, invalid or unenforceable, the remaining provisions of this Agreement shall remain in full force and effect.

11. Sponsors may not assign any of its rights under this Agreement except with the prior written consent of TRF. Sponsors may not delegate any performance under this Agreement without the prior written consent of TRF. Any purported assignment of a Sponsor's rights or delegation of performance without TRF's prior written consent is void.

12. TRF may assign some or all of its rights under this Agreement to an associate foundation of TRF. TRF may delegate any performance under this Agreement to an associate foundation. Any other purported assignment of TRF's rights or delegation of performance without the Sponsors' prior written consent is void.

13. Sponsors will comply with all economic and trade sanctions, including those implemented by the Office of Foreign Assets Control (OFAC) of the United States Department of Treasury, and will ensure that they do not support or promote violence, terrorist activity or related training, or money laundering.

14. This Agreement constitutes the final agreement between the parties. No amendment or waiver of any provision of this Agreement shall be effective unless it is in the form of a writing signed by the parties.

15. Rotary International (RI) and TRF may use information contained in this application and subsequent reports to promote the activities by various means such as The Rotarian, Rotary Leader, rotary.org, etc. Unless indicated otherwise in writing, by submission of the photos, the parties hereby grant to RI and TRF the worldwide right to publish and use the photos, including but not limited to, in RI and TRF publications, advertisements, and Web sites and on social media channels and to license use to others, including, but not limited to, media outlets and its partners and through RI's online image database, for the purposes of

promoting Rotary. By submitting the photos, the parties represent and warrant that all persons appearing in the photos have given their unrestricted written consent to use their likenesses and to license use to third parties.

16. The Sponsors agree to share information on best practices when asked, and TRF may provide their contact information to other Rotarians who may wish advice on implementing similar activities.

17. The Sponsors will ensure that all individuals traveling on grant funds have been informed of the travel policies stated in the Terms and Conditions and have been made aware that they are responsible for obtaining travel insurance.

Primary contact authorizations

Application Authorization

By submitting this global grant application, we agree to the following:

1. All information contained in this application is, to the best of our knowledge, true and accurate, and we intend to implement the activities as presented in this application.
2. The club/district agrees to undertake these activities as a club/district.
3. We will ensure all cash contributions (as detailed in the grant financing) will be forwarded to The Rotary Foundation (TRF) or sent directly to the global grant bank account after Trustee approval of the grant.
4. Rotary International (RI) and TRF may use information contained in this application to promote the activities by various means such as The Rotarian, the RI international convention, RVM: The Rotarian Video Magazine, etc.
5. We agree to share information on best practices when asked, and TRF may provide our contact information to other Rotarians who may wish advice on implementing similar activities.
6. To the best of our knowledge and belief, except as disclosed herewith, neither we nor any person with whom we have or had a personal or business relationship are engaged, or intend to engage, in benefiting from TRF grant funds or have any interest that may represent a potential competing or conflicting interest. A conflict of interest is defined as a situation in which a Rotarian, in relationship to an outside organization, is in a position to influence the spending of TRF grant funds, or influence decisions in ways that could lead directly or indirectly to financial gain for the Rotarian, a business colleague, or his or her family, or give improper advantage to others to the detriment of TRF.

All Authorizations & Legal Agreements Summary

Primary contact authorizations

Name	Club	District	Status
Urs Herzog	Allschwil-Regio Basel	1980	
Richard Kalungi	Kampala South	9213	

District Rotary Foundation chair authorization

Name	Club	District	Status
Martin Wegmüller	Allschwil-Regio Basel	1980	
Robert Nsibirwa	Kampala-North	9213	

DDF authorization

Name	Club	District	Status
Martin Wegmüller	Allschwil-Regio Basel	1980	
Ursula Schoepfer	Allschwil-Regio Basel	1980	
Robert Nsibirwa	Kampala-North	9213	
John Magezi- Ndamira	Kampala-North	9213	
Daniela Singer	Fränkische Schweiz-Wiesenttal	1950	
Tanja Zimmermann	Arnstadt	1950	
Sabina Gärtner- Nitsche	Nürnberg- Neumarkt	1880	
Reinhard Höpfl	Cham in Bayern	1880	
Reinhard Fritz	Gauting-Würmtal	1842	
Wolfgang Czepluch	München-Solln	1842	

Legal agreement

Name	Club	District	Status
Martin Wegmüller	Allschwil-Regio Basel	1980	
Charles Odaga	Kampala South	9213	