



PROJECT SAFI

Rotary Club of Dar-es-Salaam Oyster Bay (Host)
Rotary Club Geneve International (Sponsor)

PROJECT SAFI

Equipping the Next Generation for a Greener Tanzania



Project Snapshot

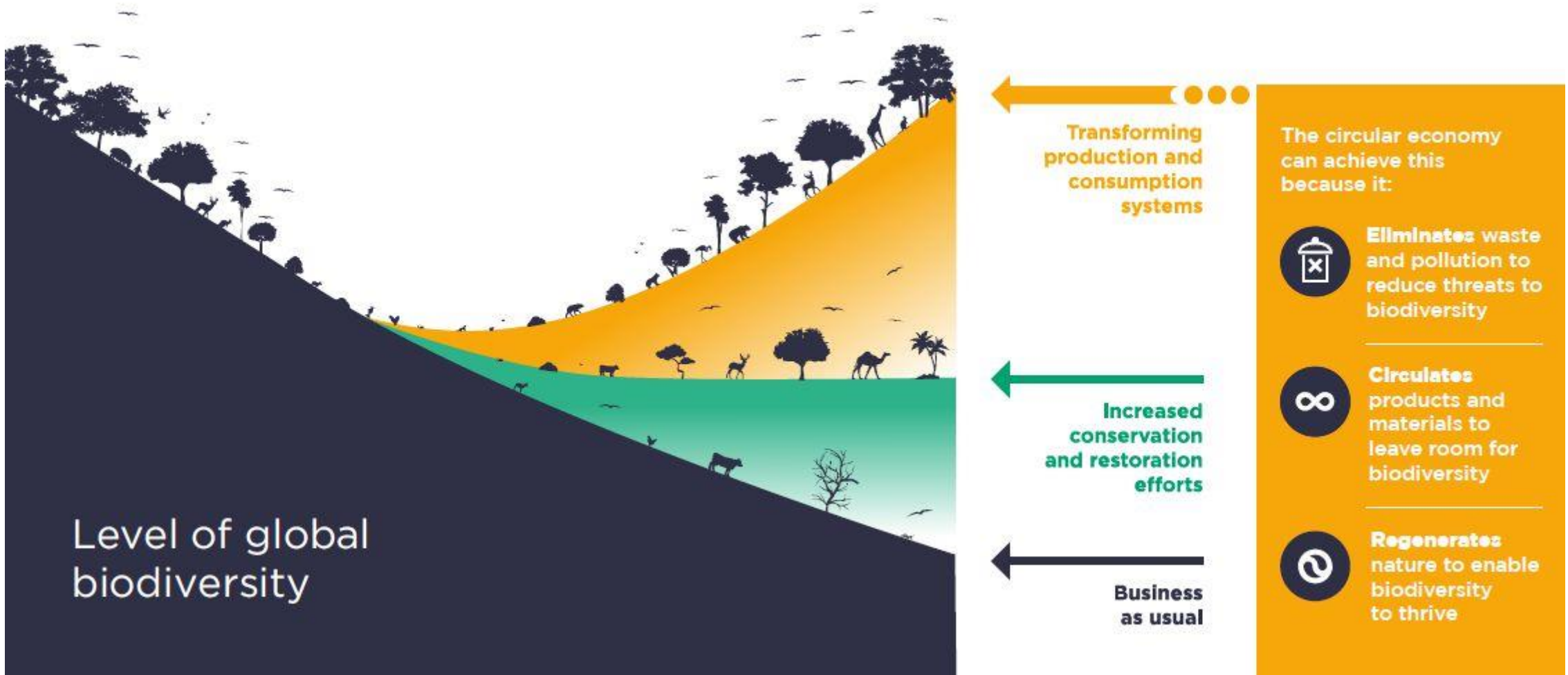
- **Rotary Clubs:** Dar-es-Salam Oyster Bay (Host); Geneve International (Sponsor)
- **Local NGO:** Nipe Fagio
- **Type of Project and Area of Focus:** Humanitarian project; environment
- **Beneficiaries:** 2,500 secondary school students in Dar es Salaam
- **Project duration:** 12 months
- **Budget:** approximately US\$ 60,000 (2 phases); US\$94,000 (all phases);
- **Committee Members:** Oyster Bay - Lucia Minde (co-lead); Jubril Adeniji; Maryanne Mugo; Aisha Sykes; Stella Ndossi; Geneve - Greg Garrett (co-lead); Anil Taneja; Eric Holdorf; Inna Malaia-lurlova; Thomas Seghezzi

Project Objective

This project aims to capacitate 2,500 secondary school students in Dar es Salaam, Tanzania with hands-on environmental knowledge and awareness, and to influence positive behaviors.

The project will deliver learning strategies that involve students in practical tasks and motivate them to learn and apply circular economy and 'waste hierarchy' concepts.

Circular economy and biodiversity



SAFI: PROJECT SUMMARY

- Safi project aims to capacitate secondary school students in Dar es Salaam with hands-on environmental knowledge and awareness, and to influence positive behaviors.
- Rotary Club Dar es Salaam Oysterbay and Nipe Fagio implemented a school project in the past and discovered that many schools are keen to undertake environmental projects (and some are already doing so) but lack practical methods and strategies to do so.
- As a result, we propose delivering learning strategies to involve students in practical tasks that motivate them to learn more, keep the school clean, and inspire change to their peers and communities. These strategies include knowledge exchange such as debates with other schools, field trips, tree planting, and cleanups.
- The goal is inspiring students to engage in environmental protection and provide teachers and schools with opportunities to engage their students in environmental education



ABOUT NIPE FAGIO: OUR LOCAL PARTNER

- Nipe Fagio is an action-oriented NGO working for systemic change in waste management in Tanzania and globally. Nipe Fagio advocates for the inclusion of waste management education in the school curriculum as a way to acknowledge the need for sustainable waste management practices in Tanzania.
- Nipe Fagio is currently implementing a Zero Waste model in low-income communities in Dar es Salaam and preparing to expand it upcountry.
- Nipe Fagio leads a coalition of 150 organizations country-wise and is an active member of several global networks, like the Break Free From Plastic movement and GAIA. Nipe Fagio is also the leader of Let's Do it Tanzania and World Cleanup Day.
- Nipe Fagio played a role in advocating for the Plastic Bag Ban implemented by the Tanzanian government in 2019 and is currently advocating for a single-use plastic ban in the East African Community.

RATIONALE

- Tanzanian communities lack environmental education and that impacts daily life. 70% of the communities in Dar es Salaam are unplanned, less than 40% of the communities in Dar es Salaam have access to waste collection and less than 20% of the waste collected reaches the official dumpsite. A drone survey conducted in 2019 show 2,048 dumpsites along the main 8 rivers of Dar es Salaam, being 1,350 of those on the riverbeds.
- Poor waste management has significant health impacts and the pattern of dumping waste in rivers and in the environment has led to constant flooding, infrastructure loss and a threat to human life.
- Frequently the youth and the future generations are said to be the hope for behavior change and adequate environmental care, but no action is being locally taken to prepare them to the challenging job ahead: environmental education is not present in Tanzanian public schools.

RATIONALE

- It is important for people in the community to understand the link between their actions and the environment and the urgent need for critical thinking when it comes to resource management.
- A school environmental education program can help prepare tomorrow's adults to be aware of environmental problems, understand how to use resources sustainably, and learn how people's actions both contribute to the problems and have the potential to contribute to the solutions.
- By recognizing this, Nipe Fagio and partners have implemented environmental outreach activities in various schools of Dar es Salaam in the past 8 years.

Nembrotha aurea, a dorid nudibranch: Mafia Island, Tanzania



Green sea turtle (*Chelonia mydas*). South Beach, Tanzania. Endangered



Chimpanzee (*Pan troglodytes*), Gombe,
Tanzania. Endangered



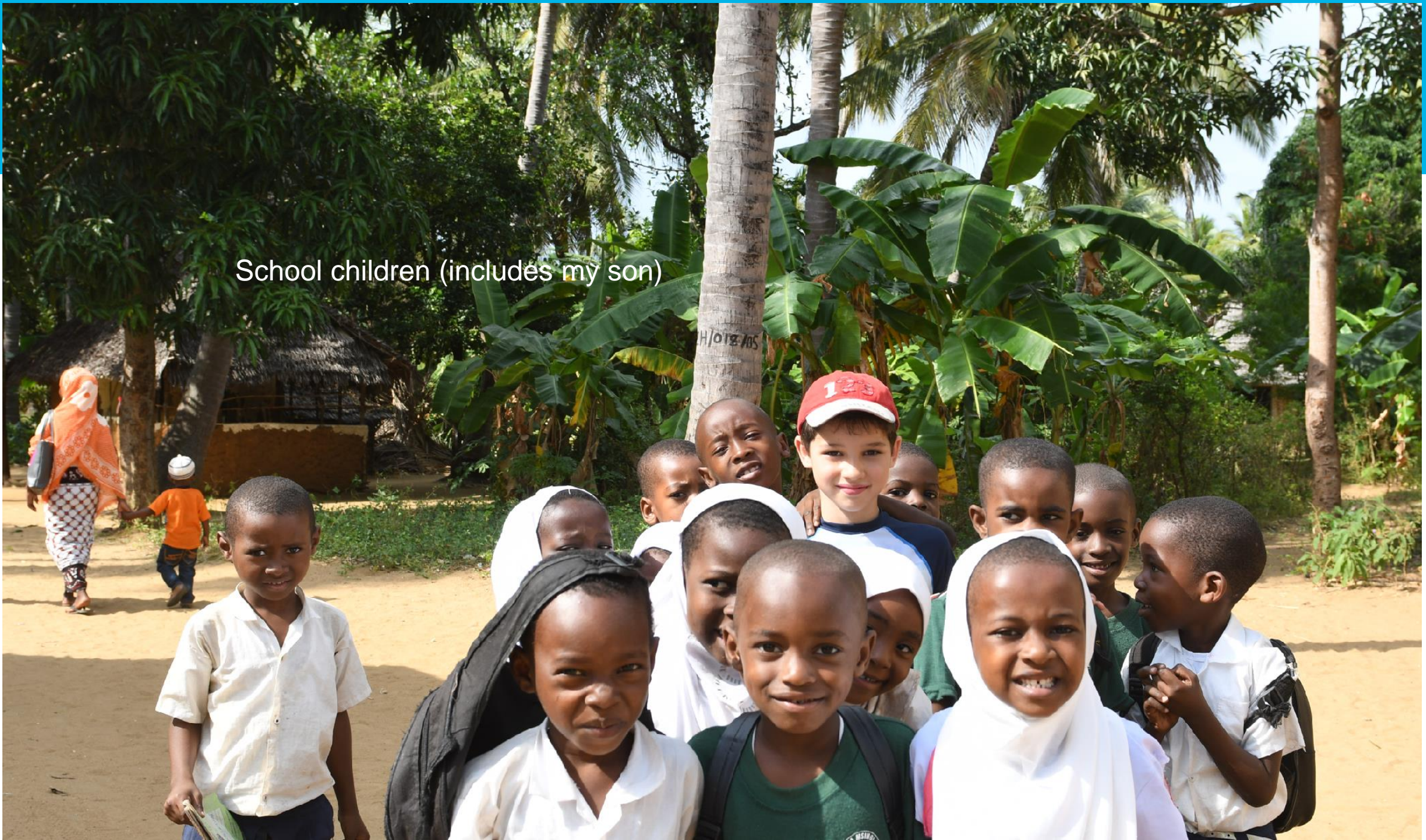
Plastic waste on safari



Food systems account for 30% of GHGc



School children (includes my son)



IMPACT OF PREVIOUS PROGRAMS

- Engaged 60 ambassadors per school. The ambassadors have since disseminated environmental education to other students in their respective schools and at their homes.
- Behavior change towards the environment: schools engaged by Nipe Fagio are now practicing best waste practices of refuse, reuse and recycle. E.g. In Mbuyuni and Oysterbay primary schools' students are using reusable water bottles, using bottle caps as teaching tools and making decorations for their schools out of plastic bottles.



LESSONS LEARNT

- Schools are eager to engage their students in environmental education however they lack effective strategies and knowledge to implement environmental education.
- Most public schools lack proper waste management strategies and waste management knowledge to pursue alternatives.
- When targeting environmental education, there is a need to think long-term and have follow-up activities. One viable option is establishing environmental clubs that will take a lead environmental role at the schools.
- The use of participatory learning and practical demonstrations increase the chances of effective learning by the students.

The project's key goal is to promote behavior change in relation to waste management and the environment. This project will directly target key students to infuse them with hands-on learning strategies by engaging them in practical tasks and prepare them to teach other students and members of their communities, as well as to give them an opportunity to impact their surroundings.

Given the fact that environmental education is endorsed by the Ministry of Education as a co-curricular activity (according to the Tanzania secondary school curriculum), this intervention at the schools will likely also be supported by the government and school management, which increases the chances of long-term impact and sustainability.

DESCRIPTION OF OUTREACH

- The Rotary-NF School Outreach Program's main goal is to influence positive behavior towards the environment through capacitating secondary school students in Dar es Salaam with hands-on environmental knowledge
- We will engage already established school clubs and establishing new school clubs in 150 secondary schools and engaging 2,250.
- The schools will be engaged in a phased approach spanning over more than a year, with the first phase aimed at engaging 50 schools.
- The clubs will be a platform for students to take personal responsibility over their communities and to improve environmental leadership skills.
- Environmental clubs provide opportunities for students to participate and develop their own activities, interact with peers, and inspire other students.
- Public and private schools will be engaged in the program, and public secondary schools will be given a priority because they receive less environmental education than private secondary schools.

EXTENDED IMPACT OF SAFI

- The program activities and results will be consistently shared on the participating Rotary Clubs' and Nipe Fagio's social media accounts, and on feature articles in newspapers as well as local television channels.
- Environmental ambassadors, who are popular personalities, may take part in some of the activities and endorse the project for increased attention.
- Printed and digital materials will be produced and disseminated amongst the students so that the message can reach the communities that they live in.
- Nipe Fagio will share the activities in environmental advocacy forums that includes other advocacy organisations as well as government officials.

outreach and social media/communications are the greatest needs.

Please get in touch if interested. ggarrett@dndi.org

Thank you

