



WHO ARE RECYCLE REBUILD?

Recycle Rebuild is a UK based SCIO registered charity that empowers communities to recycle waste into affordable high-quality materials and products, whilst providing a source of income for those affected by the growing plastic problem.

What we do

Recycle Rebuild creates jobs, helps the environment, empowers communities and helps produce locally made products. We do this by identifying products that are in high demand and training the affected communities to make them, using up to 100% recycled waste products. These products can then be sold at an affordable price and the profits reinvested into the community or partnering organisation, creating a self-sustaining business that can grow to meet the wider demands of the region for the long term.

Recycle Rebuild Community Recycling Kit Proposal



PROJECT DESCRIPTION

Recycle Rebuild empowers communities to recycle waste into affordable high-quality materials and products, whilst providing a source of income for those affected by the growing plastic problem. To do this we have developed a “Community Recycling Startup Kit” designed to contain all the items necessary for starting a small scale recycling business anywhere in the world.

The kit contains:

- Customised* plastic shredder
- Customised* plastic injection machines
- Machine Spares
- 2 Custom moulds based on the recipient's preference (more can be added)
- Collection of basic tools and safety equipment.
- How To Guide, Setup Manual & 3 weeks in-country training for the community by one of our trainers.

**Customised to the countries voltage and imperial or metric specs based on the items most easily found in the country. Ensuring sustainability and repair. Plus unique features depending on the products being made.*

After the kit is delivered and set up, the community are then trained. The training will provide the community with the perfect setup of tools and knowledge to start creating products made for plastic that can be sold locally and to tourists.

HOW EXACTLY DO WE DO THIS?

The duration of the project set up takes about 6 months with 6 key stages. Dependant on the project and its partners this timeline is open to change.

1. Assessment / Selection

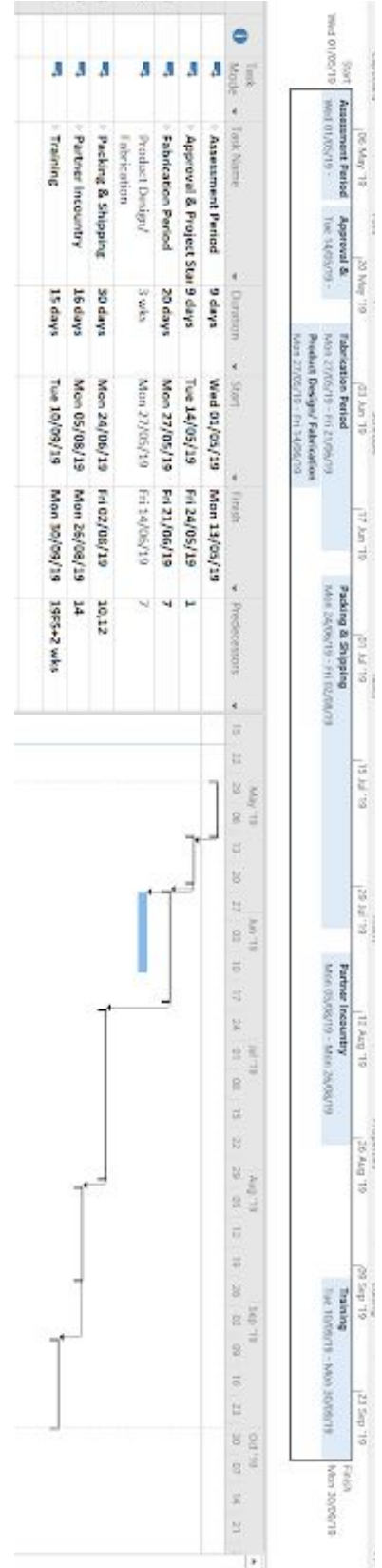
Plastic pollution is everywhere but not every community is the same. Through an in detail investigation, we assess which community we can help the most, and what partners will be required to ensure its long term sustainability. Our remote assessment is done using a series of point-based questionnaires with support of a 3rd party volunteer in the community. From this we can also determine the best product for the community to produce and a business model that they should follow to ensure the greatest success.

2. Project Budget & Fundraising

Once a community and partner has been selected and after the initial selections, we will refine our budget to ensure we provide the best custom solution to the community. We work with our partnered organisations to raise funds for our projects, however, just like most non-profit organisations identifying funding is often the slowest element in the project. Perhaps you have already allocated funding, as a result the project timeline maybe shorter.

3. Machine Fabrication & Product Development

Once funding is acquired the project begins! Every country is slightly different and our machines are designed based on the communities needs. Our bespoke solutions are easily repaired as they are based on off the shelf parts, however, to save money we prefabricate and test the machines before shipping from the UK. During this time we work remotely with the community and partner to design the perfect product and customise it to the communities needs. This can range from simply branded keyrings to complex functional items such as handles and phone cases. The chosen product



Recycle Rebuild Community Recycling Kit Proposal

is based on our previous research of the market, waste plastic types and vision of our community and partners. All in all this process takes about 30 days.

4. Community Recycling Kit Shipment

Once all the key machines are built and the products (and their moulds) are complete we packaging our recycling kit, which includes all the vital tools needed to sustain the business, these tools will be used to service the machines and finish the products. The package will then be shipped to the destination where our partners will be responsible for collection and transportation to its new home.

5. Set Up, Training & Handover

Setting up a community-powered business/workshop is no easy feat. It requires robust planning and training to ensure the projects greatest level of success. Recycle Rebuild's wealth of knowledge will ensure the project set up is smooth and professional, reducing the risk or need for experimentation on a young project. Our setup walks the community and partners through every step of the process, with multiple workshop activities suitable to all ages.

Over the training period we cover the following topics:

- Crash Course
 - *What are plastics*
 - *How to identify and sort them*
 - *Good practices and efficiency*
 - *Practical training: from trash to recyclables*
- Presentation of Shredder
 - *Functioning and maintenance*
 - *Safe use of the machine*
 - *Troubleshooting*
 - *Practical Training: Disassembly and reassembly*
- Presentation of the Injection Machine
 - *Functioning and calibration*
 - *Moulds*
 - *Safe use and good practices*
 - *Troubleshooting*
 - *Practical Training: melting temperatures and production*
- Running a Production facility
 - *Understand your context*
 - *Choose a product*
 - *Identify your targets*

Recycle Rebuild Community Recycling Kit Proposal

- *Fix your price*
- Monitoring your activity
 - *Why keeping track?*
 - *Understand your costs*
 - *Forecasts and Results*
- Crash Course on Sales
 - *Introduction to sales*
 - *The sales speech*
 - *How to be a good salesman*
- The Sale
 - *Understand your client*
 - *Manage objections*
 - *Conclude*
 - *Roleplay*
- Negotiation
 - *Different profiles of negotiators*
 - *Objectives & techniques*
 - *BtoB negotiation*
 - *Role play*
- *Field experience*
 - *Product production experience*
 - *Sales experience*

Training normally takes 2-3 weeks. Upon completion of training, a manual and how to guide covering all aspects of the project will be provided to the community.

6. Post Evaluation and Support

Every community is different and so are our partner's needs. Recycle Rebuild is a passionate group of volunteers who are dedicated to the long term development of community-level recycling. By taking part in our project Recycle Rebuild commits to supporting you as your project grows after the handover period. This includes continued machine support and upgrades, business review, evaluation and product development support, ensuring the projects highest level of success.

Recycle Rebuild Community Recycling Kit Proposal

Your Responsibilities

Recycle Rebuild will provide the key elements to start your Community Recycling Project. However as highlighted above it will be down to you to arrange for the arrival of the kit and identify a suitable place of operation to protect the equipment from damage. This can be a workshop, warehouse or school space that is greater than 15m² and has adequate ventilation. After the kit and training is provided, it is up to you on how you use it. Education, business development or internal fabrication are all options just to name a few. At the end of the project all items of the kit will be yours and your responsibility.

Recycle Rebuild Community Recycling Kit Proposal

PROJECT BUDGET

The budget is always country specific and requires an in-depth assessment to specify exactly the value needed to complete a project, however below is an example of prices which we aim to keep within +/-5%.

Category	Item	Units	Value/Unit	Total Cost
Hardware	Custom Plastic Shredder Machine	1	\$2,246	\$2,246
	Custom Plastic Injection Machine	1	\$1,070	\$1,070
	Required Tools & Spares	1	\$515	\$515
	Required Safety Equipment	1	\$130	\$130
	Custom Mould Development Large	1	\$260	\$260
	Custom Mould Development Small	1	\$65	\$65
Shipping	Packing, Hauling and Shipping*			\$637
Training	Travel			\$2,080
	Designated Trainers & Management Cost			\$2,990
	Accommodation & Food			TBC
			Total	\$9,993
*Variable cost not including import taxes				

Above prices are in USD.

Note: Costs for Shipping vary based on project location, import taxes & Travel varies depending on project location and peak/offseasons.

This does not include expenses relating to the operation of the project or the construction of the initial workshop space if needed and is responsibility of the community/partner.

Recycle Rebuild Community Recycling Kit Proposal



THE IMPACT OF YOUR PROJECT

ENVIRONMENTAL

For every kilo of plastic produced 6kg of CO₂ is generated. Your project has the potential to save up to 1 tonne of carbon a month from entering the atmosphere, not including the additional carbon sequestered in communities who often burn their plastics, instead of disposing of it safely.

Your project will also help protect waterways, forests, and oceans by preventing the spread of pollution that is affecting the natural environment and leading to permanent damage to our animal populations.

COMMUNITY

If your bathtub is overflowing you wouldn't pick up the mop first! Instead, you would turn off the tap. Unfortunately humans are the main and only reason for plastic pollution. We are its creators and distributors. By bringing recycling to the community level, you are creating one of the most powerful teaching tools to help raise awareness of plastic pollution and the importance of reduction of plastic consumption.

Recycling in most countries is something we hardly think about. We place an object in a designated bin, and then at some point in the future we buy a product that states "made

Recycle Rebuild Community Recycling Kit Proposal

from recycled materials". Between those two phases, there are many hurdles, and by bringing these tools to the community, for the first time the community have the chance to recycle from start to finish. Creating a wealth of experience and planting the seed to start seeing waste, the plastic problem and our environment differently.

FINANCIAL

Based on our experience, with the right product, our communities have managed to make up to 90% profit from each product sale. This means in some cases we are able to create \$1USD profit per 2 grams of plastic recycled. Creating a strong foundation to generate funds to raise further awareness amongst the community or reinvest to pursue other areas of recycling.



JOIN US BY HELPING US PROVIDE ANOTHER KIT

Recycle Rebuild is powered by the generous donations made by its partners, fellow humanitarians and eco-warriors around the world. Your support empowers communities to recycle waste into affordable, high-quality materials and products, whilst providing an immediate source of income for those affected by the growing plastic problem.

Together we can make a difference and with the support of people like you, we can continue to make a change long into the future.