



Annual Report 2018

Our income from donations, carbon offsetting and carbon footprint consultancy advice rose by 16% in 2018, enabling us to offset 4,500 tonnes of CO₂ through our support for partners in Uganda, Mexico and Ghana.

Uganda

During 2018, Climate Stewards funded our partner A Rocha Uganda to deliver training, installation and follow-up support for 375 biosand water filters in poor communities in Kampala. Over their lifetime each of these filters is expected to save at least 12 tonnes of CO₂ emissions.

These household-scale water filters are built by the families who will use them, and can filter up to 80 litres per day and remove 99.9% of pathogens. You can see a filter in use in this [short video](#). The families would previously have boiled their water to make it safe for drinking, so using these filters not only reduces CO₂ emissions, but improves health, and saves money and reduces deforestation as less charcoal is used.



BSF Training Day - A Rocha Uganda (2018)

We have recently received a report monitoring the progress of our first batch of 100 filters during 2018, which makes very encouraging

reading. Average fuel consumption related to boiling water has fallen by 87%, so these 100 filters have already saved approximately 80 tonnes of carbon emissions in a year. Our surveys have shown up some unexpected extra benefits too. When families are boiling drinking water, they often effectively ration it, giving boiled water to the more vulnerable members of the family – very young and elderly, leaving the older children and adults to drink untreated water. Once they have a filter, the family can purify much more water, thus keeping the whole family, and sometimes neighbours too, healthier.



Grace Nazziwa and her family with their new filter

More trees for Mexico

Our partner Scole'te works with smallholders in southern Mexico. Farmers are paid to create, restore and preserve indigenous forests through agroforestry. Using 25 different tree species, this project creates new habitat, protects watersheds and helps build resilient local communities. In 2018 Climate Stewards pur-

chased 1,640 tonnes of carbon offsets from Scolel'te (accredited by Plan Vivo).



Jerónimo Gómez Pérez (2012)

You may recognise the picture above from our website. It shows smallholder farmer Jerónimo Gómez Pérez hugging his Guanacastle tree (*Schizolobium parahyba*) in 2012 in the Municipality of Chilón, Chiapas, Mexico. The next photo below, taken in 2018, shows a slightly older Jerónimo hugging the same tree, in the same place. Its diameter has increased by 55 centimetres, over a period of six years.



Jerónimo Gómez Pérez (2018)

A Ghanaian success story

Twelve years after the first trees were planted, Climate Stewards' 15 plantations in Ghana are going from strength to strength, all now managed by their local community or school. In 2018 Climate Stewards supported a final year of weeding of the most recently-planted trees at Asamama and Nsutaman Secondary Schools. This was crucial to prevent the young trees being smothered by powerful weeds and vines. By 2019 the trees should be ahead of the weeds and can be left to grow unaided; mean-

while the tree canopy closes in, reducing light levels so weeds grow more slowly.

Climate Stewards has also funded six School Environment Clubs. Here, students not only learn about environmental challenges and solutions, and undertake practical lessons in tree management and measurement, but are also taken on an annual outing to widen their understanding of environmental challenges and solutions in the region.



Former student Deborah demonstrating how to take measurements on 10 year old trees Nsutaman Catholic High School, Ghana (July 2018)

An exciting new development

The Climate Stewards **Seal of Approval** (SoA) enables projects in the developing world to design and implement carbon mitigation projects, and to gain funding from



Climate Stewards
Seal of Approval
for Carbon Offsetting Projects

Climate Stewards and others. In contrast to existing third party accreditation schemes, the SoA provides a simple, accessible and low-cost means of calculating the carbon offset potential of projects and requires that they bring co-benefits to local biodiversity, health and livelihoods.

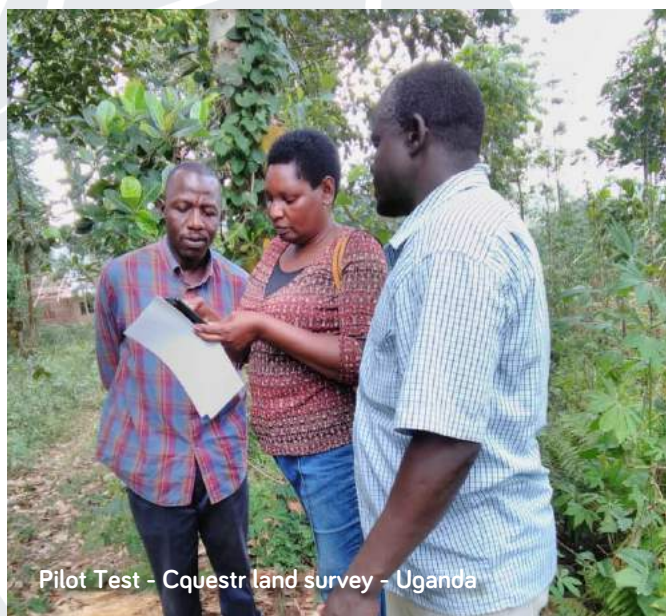
Over the past year, we have tested our methodology for calculating carbon savings from biosand filters in Uganda, and have commissioned baseline surveys on cookstoves and fireless cookers in Uganda and Nepal which



will allow us to calculate carbon savings and fund new projects.



We've also developed a new online tool online tool called **Qquestr** to calculate carbon sequestration potential from tree planting. In 2019 we will fund pilot projects in Uganda and Kenya with church and schools partners planting indigenous trees, combining permanent forestry and commercial woodlots alongside teaching on creation care, with the aim of spreading the benefits out into the communities.



Heading for “carbon neutral”

2018 saw a steady increase in requests from businesses and charities wanting Climate Stewards to help them measure and reduce their carbon footprint. The first step in this process is to establish a baseline – a snapshot of current emissions (including flights and land travel, office energy, distribution, sales etc.) by analysing accounts data, travel and utility bills. With a known baseline broken down into areas of activity, we work with the organisation to identify the biggest contributors to emissions, and then come up with an agreed strategy and targets to reduce these.

Having calculated their footprint, some organisations have chosen to offset their unavoidable emissions with Climate Stewards. Alternatively, our Seal of Approval can be used to calculate carbon mitigation potential of overseas projects to allow organisations to fund them internally.

With a little help from our friends...

Climate Stewards ran talks, workshops and stands at 16 events over the year, including Greenbelt. Our Duplo carbon footprint calculator proved a real hit (thanks to Mark Hancock for the inspiration!) – you can download an **information sheet** if you want to use it yourself.



The Climate Stewards **carbon calculator** is now available in the USA and Canada, Australia, New Zealand – all in English but denominated in the appropriate units and currencies, and with the ability to make offsetting payments in local currency via PayPal and/or local A Rocha groups. The calculator is also available in Dutch, Spanish, German and French.

Welcome and thank you to our new partners in 2018 – the Bible Society, Interserve, The Elders, JRI, APF, St John's Waterloo, Tring Baptist Church.

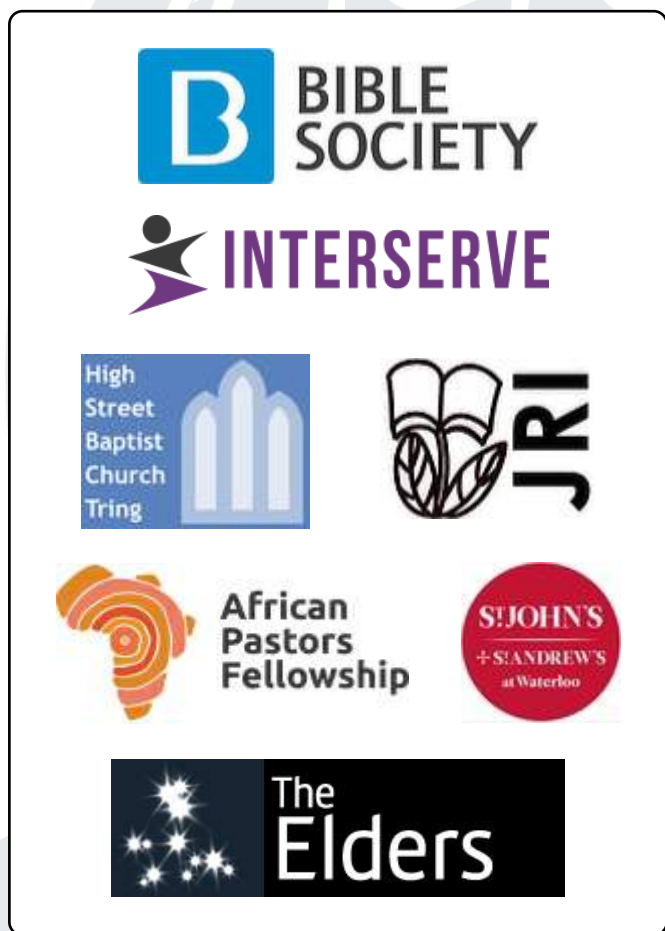
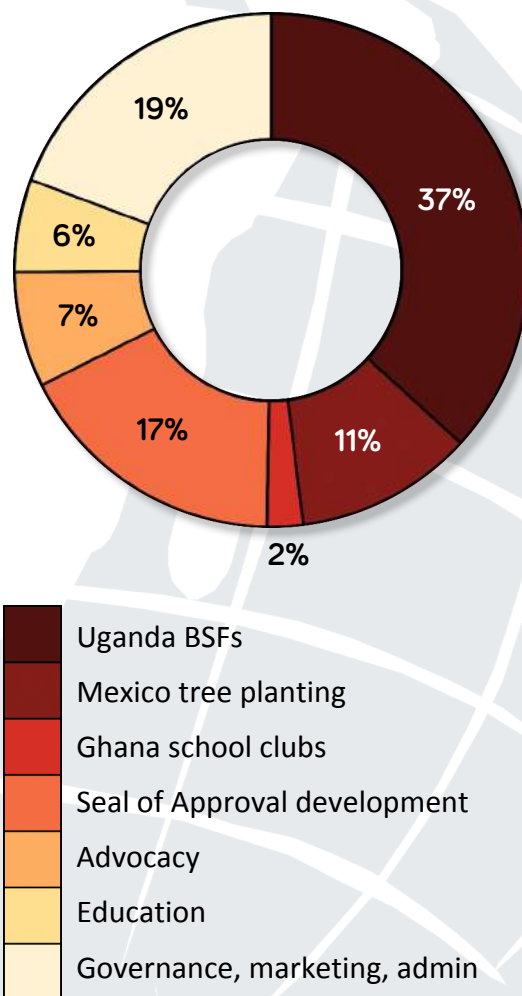
Andy Redwood made us this [cool video](#) which explains what we do in a very few words – feel free to share it!



Looking ahead

We are expecting our income from individuals and organisations to continue to rise steadily this year, which will allow us to support up to four new partners through our Seal of Approval process. Meanwhile in the UK, we'll be working with the Church of England and A Rocha UK to develop an online church carbon calculator to help churches calculate their overall carbon footprint – and find ways to reduce it. And our website and carbon calculator are about to get a makeover!

How we spent your money in 2018:



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