

PUMP AID IMPACT REPORT 2021



PROGRAMME HIGHLIGHTS



64 active entrepreneurs trained in pump repair and maintenance have developed successful small businesses and at least doubled their income



Our repair and maintenance entrepreneurs secured access to **reliable, safe water for over 200,000 people**: ongoing functionality from reliable water sources and improved resilience to disease



More than 40,000 householders benefited from improved water access through investing in pumps and wells: convenience, shorter distances to walk for water and better health for all



More than 2,000 farmers invested in their own low-cost easy-to-use irrigation pumps: food security, better nutrition and income from surplus produce sold



Over 6,000 children under 5 now flourishing at pre-schools with access to clean, safe water, improved sanitation, hygiene behaviour education and nutritious meals using kitchen garden crops

"We partner with Pump Aid, because they are the best at what they do"

James Cain, Chief Executive of Harrogate Spring Water and Thirsty Planet

INTRODUCTION

Professor Stefan Allesch-Taylor CBE Pump Aid Chairman

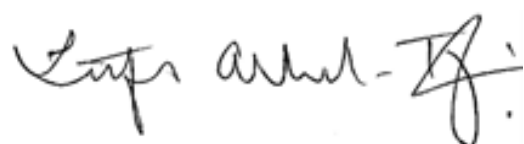
2020 was a year like no other but, despite the challenges that COVID-19 inflicted on the world, Pump Aid continued to deliver its award-winning work and provided hundreds of thousands of people in rural Malawi with life-changing access to clean, safe water and gave them and their communities the opportunity to thrive. I am grateful to every one of our supporters for enabling us to do this.

Pump Aid responded to COVID-19 by supporting our network of independent pump mechanic businesses to repair and maintain over 900 community water points, by providing over 1,000 households with the opportunity to invest in their own convenient water pumps, and by giving over 2,000 farmers the chance to access year-round irrigation. Crucially, this work was all underpinned by our commitment to build back better for real sustainability and to provide the people of Malawi with the means to move out of poverty through their own hard work and not be dependent on endless aid.

Going into 2021, we have developed a new 5-year strategy that will see us expand our pump sales and maintenance programmes across Malawi, through our social impact business 'Beyond Water', and we have begun to implement our water, sanitation, hygiene and nutrition programmes in the next group of pre-schools for children under 5. The resulting increase in individual access to water and the improved functionality of community water points will deliver long-term benefits to the people of rural Malawi and are a testament to their willingness to help themselves if only they are given the chance.

Pump Aid ended last year as a more confident and focussed organisation and we are feeling both optimistic and enthusiastic for the year ahead. There is so much more we can and will do.

My thanks to everyone who has supported us and my best wishes for the future.



PUMP AID'S RESPONSE TO COVID-19



Containment and prevention: clean water for handwashing

With inadequate health infrastructure in rural Malawi to tackle the spread of COVID-19, the focus has been on containment and prevention. The key to prevention is access to safe, clean water for hygienic handwashing and general good health for building resilience, however there are barriers to basic requirements for these strategies.



90% of Malawi's population are reliant on community water points for clean, safe water, yet in many areas 40% of community water points are non-functional.



Restoring access to clean water: resilience to disease

Using our areas of expertise, Pump Aid has supported the fight against the spread of the virus. Local area mechanics have been busy repairing **over 900 water points**, restoring water access to **more than 200,000 rural Malawians**. Our teams have also been distributing soap at pre-schools and in communities, promoting improved hygiene behaviours and social distancing, and have helped **2,000 small-scale farmers** gain access to irrigation to help to tackle longer-term food insecurity.



Sustainable water access for the long-term: independence

Importantly, as well as providing a response to the threat of COVID-19, all our work has been conducted in line with our core values of promoting **self-reliance, independence and ending aid dependency**, as well as long-term sustainability. We want to ensure ongoing functionality of water points to tackle water poverty in rural Malawi, and improve levels of food security for good.





Gift Village, Community Water Point, Mchinji District

Water access has been restored to **Gift Village** by a local mechanic repairing the water point used by **over 250 people**: clean safe water for washing hands, improving health and resistance to diseases, such as COVID-19



Thomas Chikweza, Small- Scale Farmer, Mchinji District

With access to irrigation, **Thomas** no longer relies on sporadic rainfall and is able to tackle the threat of food insecurity, growing a variety of nutritious crops in **three harvests a year** and selling surplus produce for extra income



Children at Kapondela Pre-School, Kasungu District

The life chances of the children at **Kapondela pre-school** have dramatically improved with access to reliable clean, safe water, soap, and sanitation, improving health and **reducing rates of stunting and diarrhoea**



Mrs Langa, Domestic Pump Customer, Mzimba District

Giving customers, such as **Mrs Langa**, the opportunity to self-invest in **conveniently located and reliable** water pumps means no longer walking long distances for water and better health for Mrs Langa and her family: life-changing

BUILDING BACK BETTER IN MALAWI



As part of our approach to build back better in Malawi, we train (through technical and business mentoring) small-scale businesses to repair, maintain and install pumps, meaning that skilled mechanics are available locally to make repairs. This ensures the **ongoing functionality of pumps**, and provides financial sustainability for the business and social impact for the customers.



Meanwhile, **ownership** and asking people to invest in their own water supplies improves sustainability: customers not beneficiaries. Our evidence shows that when people own a pump, they look after it; real sustainability.



We have **64 active entrepreneurs**, and all have at least doubled their income since working with us. In 2020:

- Our repair and maintenance entrepreneurs secured access to reliable safe water for **over 200,000 people**
- More than **40,000 householders** benefited from improved access to water at a household level through investing in pumps and wells
- More than **2,000 farmers** invested in their own low-cost easy-to-use irrigation pump: improved food security and nutrition



GIVING CHILDREN UNDER 5 A CHANCE



Fewer than 25% of Malawi's pre-schools for children under 5 have access to clean, safe water and sanitation. As a result, **24% of children under 5 suffer from frequent bouts of diarrhoea and 40% are stunted, severely limiting their life chances.**

Our pre-school programme allows children to thrive with access to:

- **clean, safe water** from a convenient and reliable water point
- **child-friendly latrines**
- **hygiene behaviour education**
- **nutritious meals** using crops grown in the kitchen garden

Importantly, pre-school water points can also be used by members of the surrounding communities: shorter distances for water and better health for all. Clean, safe water has been particularly crucial in the fight against the spread of COVID-19, helping children and communities to wash their hands and build resilience to disease.



Kavyombo Pre-School, Kasungu District: Access to water, sanitation, hygiene and nutrition, enabling children to flourish

Before receiving support from Pump Aid, parents were worried about sending their children to Kavyombo pre-school as there was no clean, safe water and sanitation. Water-borne diseases and diarrhoea were prevalent, with up to 6 children, plus adults, getting ill every week.

Thanks to the installation of the water point, **diarrhoea rates have dramatically reduced** and parents are now both happy for their children to attend and are actively encouraging other parents to send their children there as well. Whilst children from 2 villages previously attended the pre-school, there are now **under 5s from 11 surrounding villages enrolled** at Kavyombo. Clean, safe water has transformed lives for all at Kavyombo pre-school.



WHO SAYS BUSINESS CAN'T WORK IN RURAL MALAWI?



Pump Aid is working with Challenges Worldwide and insider outsider to better understand the demand for self-investing in water supplies in rural Malawi.

We wanted to look at why people want to buy pumps, the key factors that are important to customers when deciding which pump to buy, and the main pump design qualities which matter.

Individual research has confirmed that rural households want to invest in their own water supplies and have the funds to do so. We want to ensure that they have the opportunity to invest in a pump that meets their needs.

Our findings so far have shown us the life-changing nature of water access for households, communities and small-scale farmers, with the reasons for initially choosing to invest in a pump including reliability, health, wanting to reduce the distances walked to collect water, and for farmers, no longer having to rely on sporadic rainfall and, instead, the ability to generate higher crop yields during harvests throughout the year.

We are excited for the next stage of the project looking into how Pump Aid's self-supply approach can best deliver pump requirements for customers.

"The pump is really easy to use and I am able to grow more crops and pay my children's school fees, something I was unable to do before"

(Chibima Dyton, Small-Scale Farmer, Mangochi District)



THANK YOU TO OUR SUPPORTERS FOR MAKING THIS POSSIBLE

Thank you to all supporters who have helped to transform the lives of rural Malawians by donating to Pump Aid. In addition, thank you to everyone who supported The Big Give and other Pump Aid campaigns, as well as purchasing products supporting Pump Aid from our corporate partners.

