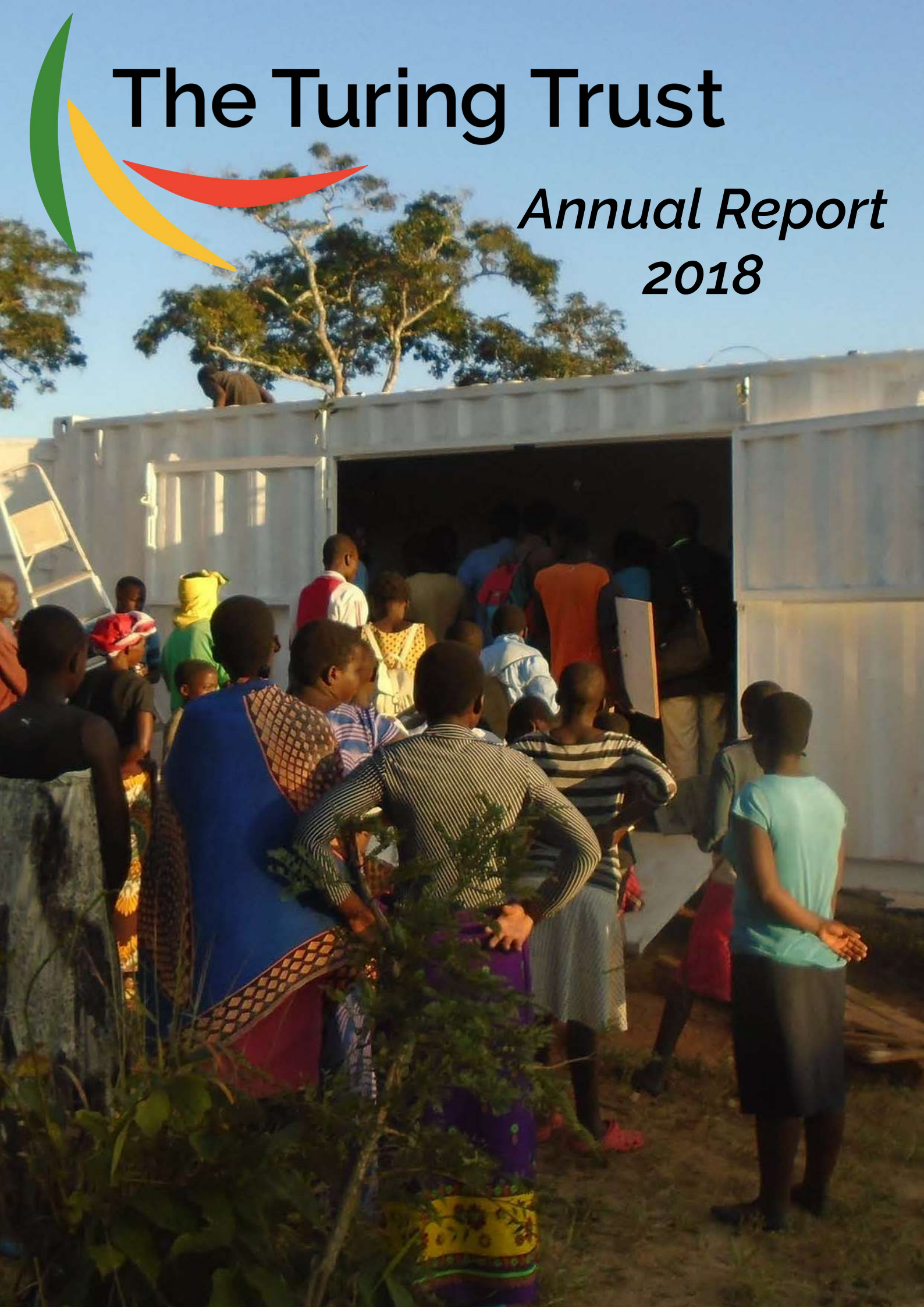
The Turing Trust

Annual Report 2018



Trustees' Annual Report for the Period 01/01/2018 to 31/12/2018

Names of the Charity Trustees on date of approval of the Annual Report:

Dermot Turing (Founder)
Anne Wacera Wambugu
Philip McAllister
Lilian Ndirangu
Bernie Hollywood
Tiya Somba Banda

Names of all other charity trustees during the period
New trustees in 2018 include Anne Wacera Wambugu, Lilian Ndirangu and Tiya Somba Banda, appointed on 3 July 2018. Andrew Clark and James Turing stepped down from the Trustee Board on 3 July, 2018. Andrew Clark kindly agreed to join the advisory board and James Turing has been appointed as the Managing Director of The Turing Trust, with an active role in the day to day running of The Turing Trust.

Trustee recruitment and appointment: Trustees are appointed for a term of three years by a resolution passed at a properly convened meeting of the charity trustees. In selecting individuals for appointment as charity trustees, the charity trustees give regard to the skills, knowledge and experience needed for the effective administration of the CIO.

In 2018 no trustees received any remuneration and trustee expenses were paid totalling £364.

Public benefit
The trustees have had regard to the guidance issued by the Charity Commission on public benefit.

Charity Details and Contact Information:

Charity Name: The Turing Trust
Registered Charity Number in Scotland: SC046150
Registered Charity Number in England and Wales: 1156687
Charity principal address (Scotland): Flat 13, 12 Simpson Loan, Edinburgh, EH3 9GP
Charity principal address (England): 68 Marshalswick Lane, St Albans, AL1 4XF
Phone: 07917835150
Email: info@turingtrust.co.uk
Website: https://turingtrust.co.uk/
Twitter: TuringTrust
Facebook: TuringTrust
LinkedIn: Turing Trust

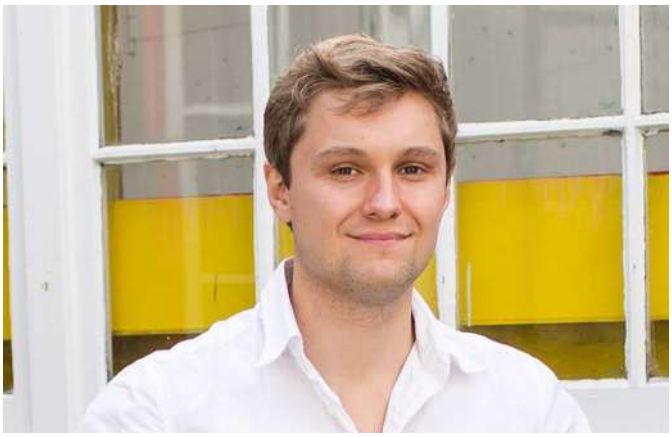
Cover photos:
Front: The Turing Trust SolarBerry arrives in Choma, Malawi
Back: The Turing Trust SolarBerry in Choma, Malawi

Managing Director's Report

The year 2018 has proved a great success for the Turing Trust. We have taken important steps towards supporting the wide variety of needs of our partner schools, and this year we completed our pioneering SolarBerry project. This exciting development has enabled the schools of Choma, Malawi, to start teaching Computer Studies in their off-grid community. Beyond this flagship project, we have continued to build on our traditional work, installing more computer labs in on-grid rural schools. We have now supported 142 schools in Ghana, Kenya, Liberia and Malawi and we have helped to deliver an estimated 17 million hours of IT learning to students.

Our warehouse premises in Newbridge has enabled us to redesign our workshop to create an efficient process for wiping and refurbishing donated IT equipment. The enlarged capacity has enabled us to begin shipping 40-foot containers filled with computers, drastically reducing the costs to install each PC. This year we received 1,663 donated computers, and our dedicated team of volunteers have worked hard to refurbish all of these, contributing more than 10,000 hours over the course of the year.

Financially, 2018 built upon the strong growth we saw in 2017, solidifying our main income streams from new sources. This year we welcomed new CSR partners, such as Turing Tumble who are supporting us by making significant quarterly donations. Meanwhile, our funding from grants has grown again, increasing on last year's total. Our trading receipts for 2018 fell, due to the decision not to repeat the Turing Talks event in 2018. At the end of the year, we held our largest ever crowdfunder through the Big Give Christmas Challenge. We raised more than twice the amount achieved in 2017 – demonstrating our strong relationship with a wide network of supporters. Throughout the year we ran our programmes within allocated budgets and maintained a tight control on our costs. Overall, in 2018 we proved our ability to continue our work in a financially sustainable manner in the long-term.



James Turing

From last year's ambitions, we have managed to succeed on a number of fronts. We have continued to install computers in African classrooms in a sustainable manner. This year we have supported 28 new schools. For this approach to succeed, we have invested in teacher training for 69 teachers as well as 164 IT maintenance consultations to maximise the impact of our digital classrooms. Moreover, we have developed our e-learning software so it can better serve local educators – most excitingly through our pilot programme with Kolibri. We have also made great strides with our efforts in monitoring, evaluation and learning – this year completing our biggest ever review, which included the perspectives of 413 Malawian beneficiaries.

Our IT reuse programme has generated significant environmental benefits, diverting 14 tonnes of PCs that would otherwise go to waste and providing equivalent carbon savings of 511 tonnes this year alone. This brings our lifetime total of waste diverted and reused to 69 tonnes, and carbon savings of 2,600 tonnes.

I would like to thank and congratulate our team of staff and volunteers that have made 2018 so successful for the Turing Trust. Together, with a very modest budget, we have made a sizeable impact with our supporters' donations. I am immensely proud to say that we have enabled 41,200 students to gain digital skills, as we look forward to building a world with technology-enabled education for all in the years to come.

James Turing, March 2019

Nyungwe Community Day Secondary Schoool,
Karonga District, Malawi

Contents

Financial Report

The Turing Trust is a UK based charity and works with our African partners to build their capacity as social enterprises able to deliver our charitable objectives. In the UK we have several avenues for generating revenue, including charitable fundraising, grants from institutional donors, private and corporate donations to the sale of donated high-specification computers unsuitable for use in African classrooms. The Turing Trust places great emphasis on transparency and robust financial stewardship.

In 2018 the Turing Trust recorded a total revenue of £94,796 – a decrease from our 2017 income of £137,268. This difference was largely due to not hosting Turing Talks in 2018, as we considered that the commitment of resources required to re-run the event would be a distraction from our main charitable endeavours. Overall, our funds available for charitable activities in 2018 were similar to those for 2017.

Our donations in kind in 2018 were valued at £37,623. Most (78%) of this represents the estimated value of physical donations of IT equipment, with the remainder representing services received. These donations in kind continue to be a valuable source of support and are crucial to our ability to deliver on our mission.

Our expenditure increased slightly to £93,702 in 2018 compared to £86,581 in 2017. Our cash funds remain stable ending 2018 with £82,826 – a slight increase on the £81,711 held at the end of 2017. It should be noted that the bulk of this is held as restricted funds and this figure includes our Reserves Fund.

This year we have ensured the Turing Trust's reserves policy has been adhered to. This currently represents £40,000, and at least this level of reserves has been maintained from unrestricted funds throughout 2018. This reserve covers four months of operating costs and ensures that in the event of the need to wind the charity down, we can adequately ensure that all PCs in our possession at that time are installed in African classrooms and that we can ensure continuity of maintenance and IT end-of-life services to our beneficiary schools. This figure is reviewed quarterly and the level adjusted if required.

The Turing Trust did not run a deficit in 2018 and at year end had receivables of £27,373 and liabilities of £12,755. The Turing Trust does not hold any funds as a custodian trustee.

Our main partners in Ghana and Malawi have also generated some income operating as social enterprises. Our Malawian partner, the Centre for Youth and Development, generated 4,112,000 MWK (approximately £4,400 at prevailing rates of exchange) in 2018. This is a 27% increase on the revenue generated in 2017, showing the strong growth and long-term sustainability of our joint project in Malawi. Our Ghanaian partner, the ICCES (Integrated Community Centres for Employable Skills), generated 8,841 GHS (approximately £1,607), from our project. This supported the costs of our maintenance programme as well as several other expenses for repairing computers in Ghana. The social enterprise model and income generation on the ground in Africa we view as particularly important to the long-term sustainability of these projects.

The costs associated directly with our charitable activities in 2018 represented 78% of our total expenditure, in line with the 79% figure from 2017. We have supplemented the restricted funds for specific projects with unrestricted funds to achieve our charitable objectives. In addition, a further 10% of our total expenditure was spent employing a sales manager to maximise income from sales of donated computer equipment that is unsuitable for use in African classrooms. This was funded by a specific award.

Our expenditure in 2018 focused on delivering our projects. In doing so the largest item of expenditure is staff costs. Our staff in the UK are vital to the collection and refurbishment of the computers that are sent to Africa. This is achieved in large part by the training and support they provide to volunteers. They work closely with our partners in Africa to ensure that the resources we send are used effectively. This year, supported by specific project funds, members of our team visited Malawi to work with the local team on the final stages of the construction and deployment of the SolarBerry.

Our governance costs have remained low, under 0.8% of our total revenue, as most services are donated by volunteers, including the independent examination of the accounts. The costs of raising funds in 2018 represented 5% of our total expenditure compared with 2% in 2017. This higher expenditure reflects the time spent by our fundraising and communications manager on applying for grants as well as the extra work on our annual crowdfunding campaign that in 2018 raised £35,121 – over double what we raised last year. We were also delighted to hear towards the end of 2018 that we had been successful in our application for the £100,000 Social EDGE award, which will give us a firm foundation for growing our activities further in 2019.

Overall, the Turing Trust has shown a stable financial performance in 2018 and demonstrated our ability to work in a financially sustainable manner in the long-term.

	2016 £	2017 £	2018 £
Total Incoming Resources	85,101	137,268	94,796
Total Outgoing Resources	62,014	86,581	93,681
Net Income	23,088	50,687	1,115
Cash in Bank (year end)	31,024	81,711	82,826
Governance Costs	322	386	732
Fundraising Costs	416	1607	4,782
Charitable Activities	52,735	66,971	73,281

A student discovering offline resources
at Nyungwe Community Day Secondary Schoool,
Karonga District, Malawi

About the Turing Trust

The Turing Trust supports education in sub-Saharan Africa by reusing computers and improving teacher training using ICT.

We provide skills development in the UK whilst reducing e-waste and contributing to an environmentally friendly society.

Our Vision

A world with technology-enabled education for all.

Our Mission

To empower disadvantaged communities by using information technology enabled learning.

Our Impact to date

The Turing Trust was set up in 2009 in honour of Alan Turing by his closest family.

Our work to date has directly improved education in 142 community-based schools throughout rural areas of Ghana, Kenya, Liberia and Malawi.

We have sent 4,289 computers to Malawi, Ghana, Liberia and Kenya through our computer reuse scheme in the UK. This has enabled us to help over 41,000 students. This means we have helped deliver over 17 million hours of IT learning.

We have done this through our computer reuse scheme in the UK which has diverted and reused 69 tonnes of IT equipment that would otherwise have been prematurely recycled, creating carbon savings of over 2,600 tonnes.

In doing so we have provided volunteering and training opportunities for over 400 people at our workshop in Edinburgh

Governance

Constitution

The Turing Trust is a Charitable Incorporated Organisation. It was registered in its current legal form with the Charity Commission for England and Wales on the 15th April 2014.

The Turing Trust was registered with the Office of the Scottish Charity Regulator through Cross-Border registration on the 19th November 2015.

Structure

Trustees:

Dermot Turing (Founder)

Anne Wacera Wambugu

Philip McAllister

Lilian Ndirangu

Bernie Hollywood

Tiya Somba Banda

Advisory board:

Sally Smith

Andrew Clark

Omaima Hatem

Nicola Turing

John Turing

Jonathan Burns

Cliff Robertson

Jim Wilson

The Turing Trust is overseen by the above board of six trustees and eight advisors who met in person or virtually as a whole group four times in 2018 with numerous smaller meetings amongst available members.

The Turing Trust is governed by our policies. These are available at https://turingtrust.co.uk/about/our-policies/.

Marymount Catholic Secondary School
Mzuzu, Malawi

Our Partners

The Scottish Government
Riaghaltas na h-Alba

expertagent

TURING TUMBLE
BUILD MARBLE-POWERED COMPUTERS

Rotary
Club of Currie Balerno

bcs
The Chartered Institute for IT

Reusing IT

re-tek

LeadPro

LEARNING EQUALITY

Foundation Scotland
Where philanthropy meets community

BARCLAYS

SBL™
Trusted with Tomorrow

THE UNIVERSITY OF EDINBURGH

ARCTURUS
PUBLISHING

Border Crossing UX

skyscanner

covestro

Malaptop

STORAGE VAULT .COM
DRIVE-UP SELF STORAGE

Our Partners

Our Technology Donors

Our Technology Donors

covestro

BCS CONSULTING

passIT on

JGM Software

EDINBURGH REMAKERY

EDWARDS

Brilliant Solutions

EST. 1988 SANDRINGHAM

AuditStar
Global Media Intelligence

Raise the Roof

TEN4

AfriKids

open
optimised environments

Stiff + Trevillion

Base Creative

Volcano City
Reach Everyone

Our Achievements

Who do we help?

The Turing Trust's beneficiaries include teachers and students in African schools as well as a wide range of disadvantaged people in Scotland.

Africa

In 2018 we supported 142 schools in Malawi, Ghana, Kenya and Liberia. These schools include primary, secondary and technical and vocational education and training (TVET) institutions with students ranging from 4-86 years old. This year saw the completion and delivery of our first SolarBerry, giving the students and wider community access to IT resources, despite being off-grid.

Our work in 2018 brings the total number of African students who have benefitted from our activities to over 41,000. Our support includes the supply and installation of hardware and educational resources, training on using these effectively and ongoing support for maintenance and repair. We undertake regular monitoring and evaluation to identify and rectify any issues that arise, ensuring we maximise our impact.

Nkhata Bay Boys Secondary School

United Kingdom

In 2018 we had 42 trainees who completed at least one of our training courses. In total our volunteers & trainees participated in over 10,200 hours at our workshop in 2018 - a critical component to our achievements.

Our trainees came from a wide variety of backgrounds and we are proud to have supported people from our local community struggling with a range of challenges that this year included long-term unemployment, homelessness, those who have a mental or physical disability, as well as refugees and asylum seekers.

What We Did

New Computer Labs Installed:

⇒ Malawi — 10 classrooms

⇒ Malawi — 1 SolarBerry

⇒ Ghana — 4 classrooms

⇒ Kenya — 4 classrooms

⇒ Liberia — 9 classrooms

Total number of schools supported in Africa with Turing Trust hardware = 142

IT Training:

Malawi:

⇒ Northern Region—16 training sessions with 28 teachers

⇒ 71 remote IT maintenance consultations

Ghana:

⇒ 12 training sessions with 45 teachers

⇒ 93 remote IT maintenance consultations

Sponsorship:

⇒ Ghana — 12 students

Monitoring and Evaluation:

Malawi:

⇒ Comprehensive M&E completed with 55 Malawian schools that included 55 headteachers, 51 teachers and 307 students

⇒ 2 independent reports from University of Edinburgh researchers

Ghana:

⇒ Annual check-in reports from 76 schools

⇒ 60 interviews with headteachers, teachers and students

⇒ 2 independent reports from University of Edinburgh researchers

Liberia:

⇒ Ongoing evaluation with YMCA Liberia on their project

UK

⇒ 1 independent report from University of Edinburgh researcher

'I really love this subject because this world we are living now concerns technology and it's all about computers.'

Sibongile Chavula, Form 2 Student, Lunjika Adventist Secondary School, Malawi

What was achieved in 2018

⇒ We installed 28 African classrooms with computers enabling these schools to begin adequately teaching IT skills.

⇒ 16,200 additional students are learning digital skills from our computers

⇒ 69 more teachers have improved IT pedagogy

⇒ Our IT reuse saved an equivalent of 511 tonnes of carbon emissions

What Difference We Made

Impact in Ghana

This year we have seen echoes of last year's progress in Ghana in our long-term monitoring of student outcomes. One example of this progress has been our work promoting gender equality in IT classrooms – in 2018 we have seen the number of girls undertaking vocational IT courses in Ghana double. We have seen the percentage of ICCES students going into tertiary education continue to increase year on year as a result of their newfound IT skills, as these institutions have minimum IT proficiency requirements. We are delighted to report that after having access to computers for at least three years, nearly four times as many ICCES graduates are entering tertiary education.

Impact in Malawi

Our Malawian work is still relatively young and the majority of our partner schools have only had our PCs for two years or less. Yet we are already seeing many positive educational outcomes, including improved exam results and increased female participation in IT.

Muhuju Community Day Secondary School, Rumphi, Malawi

Our Projects

The Turing Trust's focus in 2018 was on our projects in Malawi and Ghana, while supporting other smaller projects such as in Liberia and Kenya and while continuing to improve our operations from our base in Edinburgh. A total of 28 schools were installed with hardware by the Turing Trust in 2018, with 486 computers including those used for maintenance and replacement. Moreover, we continued our work in providing professional development for 69 teachers in Africa. We aim to train teachers in all of our 142 partner schools spread over four countries to improve IT pedagogy.

Malawi

In 2018, majority of our impact involving Malawi has been through consolidating the work we started in 2017. In the UK we continued to work towards our shipping a 40' container with over 1,000 PCs destined for Malawi.

In Malawi itself we have continued to expand our work, and we are now supporting a total of 39 secondary schools, which represents 20% of all the public secondary schools in Malawi's Northern Region. This is a fantastic achievement as we remain on track to complete our Scottish Government-funded Small Grants project. With a budget of just £60,000 over three years, we have been able to provide a computer lab, training, software and maintenance at a cost of just £390 per school. This means that the cost for a student to learn vital digital skills is just £1.10. This project will end in 2019, but our commitment to support Malawian schools will remain as strong as ever and we hope that this demonstration will provide the evidence we need to scale up the project.

This year we completed our most comprehensive round yet of monitoring and evaluation in Malawi. This was completed in March and involved 39 schools, 36 headteachers, 35 teachers and 307 students. Some of the highlights from this report include:

- 94% of students reported improved academic performance.
- 43% of teachers used the computers to teach subjects other than IT.
- 78% of teachers used the computer lab for teaching

Highlights

Installation of the SolarBerry in Choma

Installation of 10 computer labs

Comprehensive Monitoring & Evaluation involved 39 schools, 36 headteachers, 35 teachers and 307 students

Training given to 28 teachers

Completed research studies on ICT policy implementation in secondary schools and on communication with our partners in Malawi

Our Malawian partner generated approximately £4,400 from IT maintenance subscriptions

Maintenance programme working well and experience to date supports our original estimates of a PC lifespan of 5 years in school

- Overwhelmingly positive reports from all stakeholders cited the improved ability of teachers to deliver the curriculum, motivation of students and most crucially improved performance of students in national exams.
- Nearly three times as many students from schools with our computers compared to control schools without computers were planning to study computer studies at university.

Most importantly this report showed us several areas where we should focus our support. These included challenges such as:

- On average of 3.5 students shared a single PC in class indicating we need to provide more PCs to each school.
- Only 15% of teachers had any kind of qualification in IT. Not a single headteacher had any kind of IT qualification. Only one IT teacher was suitably 'qualified' according to the high bar set by the Malawian Ministry of Education, Science and Technology.
- 78% of teachers thought the priority should be for them to gain more IT training.

The full report can be accessed on our website.

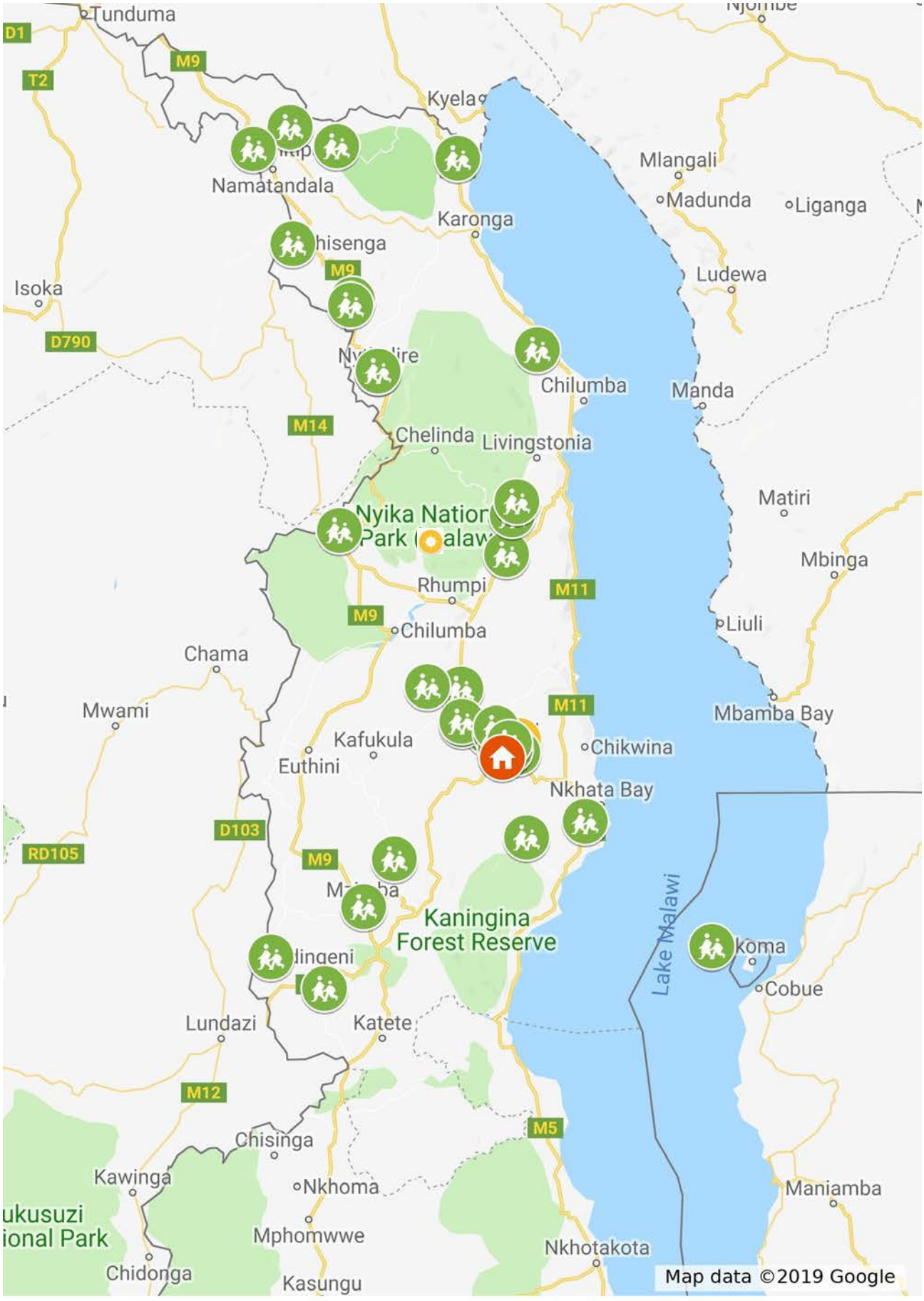
This year we were privileged to host an inspiring student from the University of Edinburgh, Madhu Sivaraman , who wrote his dissertation about IT policy implementation in Northern Malawi. This involved questionnaires with teachers and headteachers from 16 schools and provided a valuable, independent insight into our work to date in Malawi. This report is also available on our website.

In 2018 we began an exciting new project after we were chosen by Learning Equality to run a Google-funded project to introduce an offline educational library and content curation system, Kolibri, to Malawian schools. Through this pilot project we will test out a new system to support Malawian schools in teaching IT and a host of other subjects, building on our previous e-Library work.

Students at Chibavi Community Day Secondary School, Mzuzu, accessing Kolibri

Lastly, we built upon the research we commissioned in 2017 looking at gender equality in Malawian computer classrooms through a number of measures, including adding a requirement for gender equality in schools' computer laboratories for school to be eligible to receive PCs from us, and providing training for teachers on 'gender blindness'.

Map of the Northern Region of Malawi with the location of the schools equipped with computer laboratories by the Turing Trust / CYD. The more detailed interactive version of the map with the names of the schools and photos can be found on our website.



KEY CYD base School with TT / CYD computer laboratory SolarBerry in Choma

The SolarBerry

The greatest success of 2018 was undoubtedly the completion of our SolarBerry. This has been our most ambitious project and it is now providing access to IT in an off-grid area. Our SolarBerry is our innovative pilot project where we are powering computers using solar energy. We are using highly energy-efficient Raspberry Pi computers housed within a re-used shipping container, which provides a secure enclosure for the equipment. The SolarBerry was officially handed over to Choma Community Day School on the 22 June, 2018 at a formal ceremony to celebrate this transformative day for the community. At the ceremony the teaching staff, members of the school committee and board, local elders and the leaders of the Parent Teacher Association all gave thanks for the time, expertise and effort put into the creation of this innovative computer lab.

Students learning IT skills in the SolarBerry

Since then the SolarBerry has been used by over 1,000 locals, benefitting from the many new services available, including mobile phone charging, movie nights, adult IT lessons and use as an intranet café. The SolarBerry has been immensely popular for many reasons, but particularly for its great impact on the day to day life of community members, who no longer need to walk ten miles to charge their phones.

Handing over the keys to the SolarBerry

Movie night in the SolarBerry

Ghana

Over the course of the year, our team in Ghana has supported 76 schools, travelling across the country to schools like Xavi Junior High School, located close to the Togolese border in the southernmost part of Ghana's Volta Region.

Our monitoring and evaluation (M&E) efforts are at the heart of our ongoing work in Ghana. This year we completed 40 surveys with headteachers, teachers and students using our digital M&E tool KoboCollect. These confirmed our previous findings that there is enthusiasm for our project and positive effects on students' computer literacy and motivation. However, there are ongoing challenges in ensuring that computers are adequately protected from the erratic electricity supply, and from the lack of dedicated IT teachers in some schools.

We also continued our partnership with the University of Edinburgh. This year two MSc students conducted their field research with our partner schools in Ghana. Andrew Ellison spent a month conducting his study looking at how we can best provide a conducive environment for learning digital skills in Ghana. This included 20 semi-structured interviews as he worked with over 80 participants.

Greg Imberty later spent two months in Ghana focusing on three Junior High Schools in the Bosomtwe District. Greg's study helped us to evaluate the impact of IT in education by running focus groups with students, class observations, interviews with teachers, representatives from the Ministry of Education and from academia as well as many questionnaires. Both reports are available on our website.

Highlights


4 new schools installed with PCs


Total of 76 school now supported in Ghana


10 training sessions held at various schools with 36 teachers


2 days of training for 4 schools (9 teachers) in partnership with Just Ghana


Visits to 24 schools for monitoring and repairs including interviews with teachers and students


93 teachers supported via our remote IT maintenance service


12 students sponsored


2 university dissertations completed reviewing our work in Ghana


£1,607 raised in Ghana to support our maintenance services


Delivery of 80 PCs of e-waste to Presank for safe recycling

Students at Aboantem Basic School, Bosomtwe district, Ashanti region, Ghana thrilled with their new computers

We also helped several schools to begin teaching IT by addressing their specific needs. At Adunku D.A. School, the school did not receive sufficient power for a full computer lab, so our team worked with them to increase the capacity of their connection to the electrical grid. Later in the year we were able to install a fully-functioning computer lab.

As well as building the infrastructure of our partner schools in Ghana, we have also focused on training teachers and school administrators to better manage their new IT equipment. Amakom Basic School, close to Lake Bosomtwe, provides a good case study of the type of training that was carried out this year. Initially, all teachers are given instruction on basic computer maintenance and safety, which involves keeping the IT hardware in good working condition as well as keeping them clean and tidy to help prevent damage from dust and electrical surges. At Amakom there was also an opportunity to familiarise teachers with our e-Library content that includes a wealth of learning resources from RACHEL (an offline educational system developed by World Possible) as well as the Avallain Academy English programmes that had been preinstalled on the computers.

Similarly, one of our training reports from Besposo Primary School shows how not only the IT teacher benefited from our training, but instruction was also given to three other teachers that were keen to see how they could use IT in their own subject areas including maths, science, social studies and English language. Here the vast range of resources on

RACHEL proved to be very interesting to teachers who were keen to search for materials that would complement their classroom materials, regardless of their individual subjects.

During the year we also held a two-day training course for schools close to Accra in partnership with JustGhana. We used these training opportunities to build IT teacher's knowledge on areas such as networking skills and reimaging PCs to help keep their systems working as effectively as possible. At all of these trainings copies of our learning materials were distributed in both hard and soft copy to support teachers beyond the support we are providing through WhatsApp groups and our dedicated support phone line.

Overall our Ghanaian partner, the ICCES, generated 8,841 GHS – roughly £1,607, a similar figure to that raised last year. This supported the costs of our maintenance programme as well as several other expenses for repairing computers in Ghana. The social enterprise model and income generation on the ground in Africa is seen as being particularly important to the long-term sustainability of these projects.

Many of the computers we first brought to Ghana as far back as 2009 have since reached their end-of-life and are not repairable. A key part of our commitment to working in Africa is to ensure we provide a long-term solution for schools and provide an environmentally safe solution for e-waste. We have partnered with Presank in Ghana to recycle any equipment that no longer works. Our long-standing relationships with schools whereby we provide them continual maintenance services means that we collect all their e-waste and send it to Presank for recycling.

Presank and their processes have been certified by the Sustainable Recycling Industries – a global body that builds capacity for sustainable recycling in developing countries, work with global companies such as Vodafone, and are fully licensed by the Ghanaian Environmental Protection Agency.

Lastly, 12 students received direct financial sponsorship in Ghana in 2018 thanks to the ongoing commitment of the Rotary Club of Currie Balerno.

Overall, our programme in Ghana goes from strength to strength as we support the infrastructure we have installed in 76 schools. The enthusiasm of First Deputy Speaker of the Ghanaian Parliament, Hon. Joseph Osei-Owusu to see our project succeed and for us to install more computer labs, speaks to the strides we have made in Ghana.

Computer laboratory at Beposo Roman Catholic School, in the Ashanti region of Ghana

UK Operations

The Turing Trust, Newbridge, near Edinburgh

2018 was our first full year of occupying the warehouse at Newbridge, Edinburgh, provided by Storage Vault, one of our many generous sponsors. This has been a fantastic opportunity for us to make our computer refurbishment operation as efficient as possible as we maximise the contributions from our all-important volunteers. Taking advantage of the extra capacity of the warehouse, we have stockpiled our computer donations in preparation for a shipment of a 40-foot container of PCs. By using this larger volume container, we will reduce our cost to ship each PC almost by half. However, this has meant that we did not ship a container in 2018, as we prepared more than 1,000 PCs for shipping in early 2019.

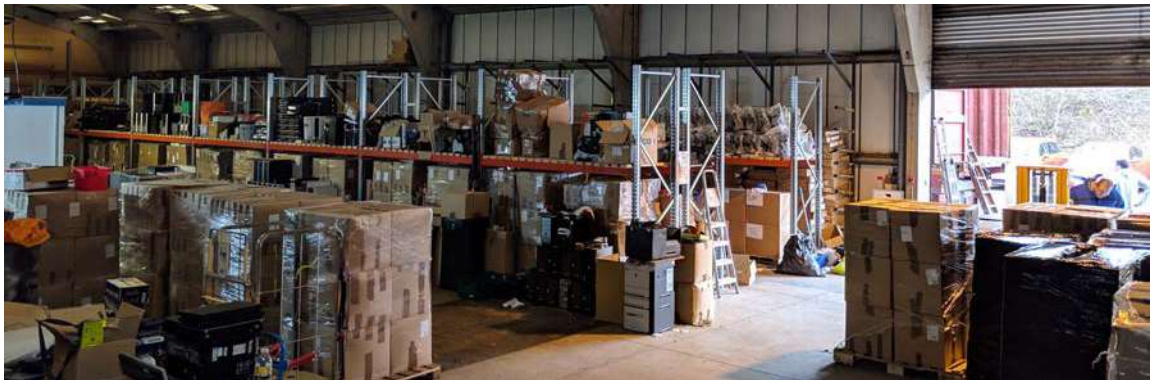
Computer collection and refurbishment

This year we received 1,663 PCs for processing. On each computer we carried out the necessary wiping and refurbishment and installed our e-Library software. This is an increase of 44% on the 1,152 PCs we received in 2017, only made possible by the increased capacity of our Newbridge warehouse.

Reusing IT continued to be a major hardware donor in 2018, supplying nearly 50% of our PCs. In return we have been able to support Reusing IT by sharing some of the space in our warehouse. In recognition of this, Reusing IT have also kindly supplied us with industrial racking so that we could make the most of the available space.

We have continued to run operations from the warehouse six days a week to give volunteers as much opportunity as possible to come and support the critical IT refurbishment that underpins our work.

This year we have reached out to more businesses in the UK for donations of computer equipment. This has resulted in us collecting PCs from 105 different donors this year. These included 53 individuals donating equipment to us as well as 52 organisations, many of whom donated multiple times during the year.



Corporate Partners & Fundraising

We also held our most successful ever fundraising campaign through the Big Give Christmas Challenge, raising £35,121 – over double what we raised last year.

We were also successful this year in winning Scottish EDGE's first ever competition specifically for social enterprises. The Turing Trust is now the inaugural winner of the Postcode Lottery Social EDGE, one of Scottish EDGE's 2018 competitions. This includes a grant of £40,000 and a loan of £60,000 that will be disbursed over two years to help The Turing Trust grow. This followed on from an earlier success in 2018 where we were selected as a winner in Scottish EDGE's Young EDGE competition, receiving £10,000 to support our UK social enterprise activities.

In addition to these successes, our UK sales operations have continued to bear fruit, raising £12,136 through our social enterprise activities. Moreover, we were selected for Learning Equality's grant programme as described in the Malawian report above.

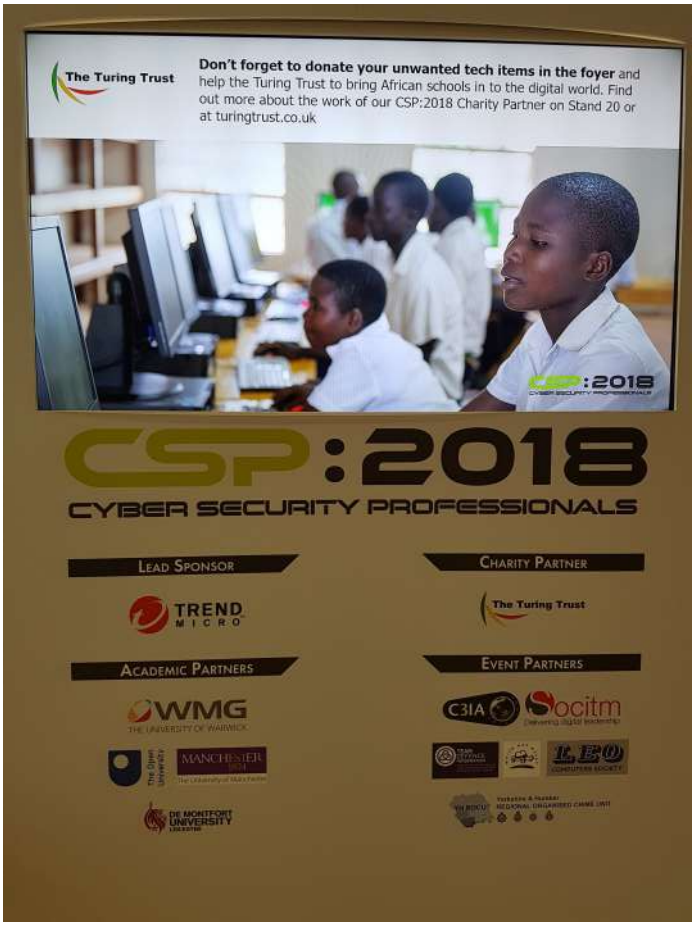
We were delighted to continue our long-standing relationship with Expert Agent who continued to be very generous with their support. We were also in receipt of a number of grants including being funded by Foundation Scotland. We have continued our relationship with Arcturus Publishing with the recent publication of their series of The Turing Tests puzzle books. Similarly, we were delighted to see significant growth in monthly donations from our Corporate Social Responsibility (CSR) partner Lead Pro.

We were delighted to welcome Turing Tumble into the fold in 2018. The company creates games that use marble-powered computers to solve problems and have generously decided to donate a percentage of their sales to the Turing Trust. We eagerly look forward to demonstrating the impact this partnership will have in African classrooms in 2019.

We are also grateful to the team at Border Crossing UX who gave us huge support in redeveloping our website, which we launched in March 2018.

Social EDGE Winner - James Turing of The Turing Trust
with Joe Ray of People's Postcode Lottery at Scottish EDGE R13

We have built on our previous CSR partnerships such as with Software Box Ltd (SBL) who hosted us at the Cyber Security Professionals (CSP) conference in November. In building on our partnership, SBL have reached out to their clients asking for donations of IT equipment for The Turing Trust. The tech amnesty hosted at CSP is just the start of many more donations to come as several SBL clients have since reached out to us and plan to donate more IT equipment.



Advertising the tech amnesty at CSP 2018

One of our most successful new partnerships this year was with Edinburgh Napier University. Thanks to the assistance of Professor Sally Smith we received 28 high specification computers and were able to spread our message across the Environmental Association for Universities and Colleges, who went on to share this example with hundreds of institutions.

Volunteering

Our volunteering programme has also gone from strength to strength, helping us to process thousands of PCs. In 2018 we had 42 trainees who completed at least one of our training courses. Some of these volunteers made incredible contributions of up to 1,500 hours over the course of the year, with several supporting our activities with over 200 hours. This year we had 116 volunteers support us in a variety of ways. We worked with a diverse range of volunteers including staff on corporate volunteering days and those recommended to us by the Department of Work and Pensions.

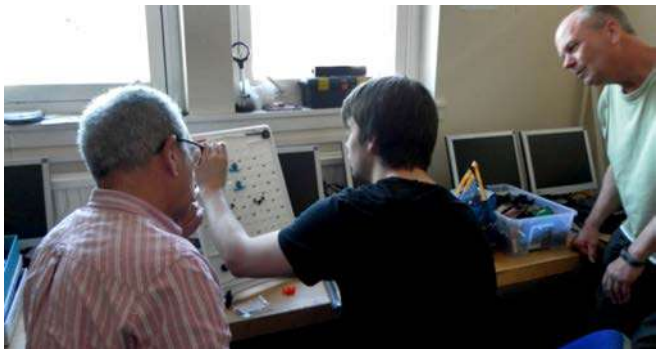
Our ongoing relationship with the Department for Work and Pensions has enabled us to improve our trainee programme. The DWP has continued to recommend us to interested candidates, enabling us to support our local community through training and the provision of employable skills. This year some of our trainees have included the long-term unemployed, vulnerable adults, those experiencing homelessness, individuals who have suffered serious illness, refugees and asylum seekers, those who have a mental or physical disability and military veterans. Our training this year was not entirely IT focused and included softer skills such as communication, building professional networks, teamwork, problem solving, the ability to work under pressure and time management. All this skill-building comes together to increase our UK trainees' employability.

We were delighted to see one of our long-term volunteers, Andrew, who has been involved with all manner of work at The Turing Trust, secure a new job as a Systems Test Engineer at a local networking company. This was a wonderful demonstration of the impact we are having in the UK as volunteers learn a range of employability skills as well as in-depth IT expertise.

We believe the diversity of our volunteers is a key strength of our Edinburgh workshop, and we are proud to say that we had volunteers from six continents this year. Our workshop remained open six days a week through the year, giving volunteers ample opportunity to work with us. In total, our volunteers contributed over 10,200 hours of time to The Turing Trust in 2018 – a critical component to our achievements.

Thanks to our increased capacity at Newbridge we have been stockpiling the majority of our PCs in 2018 in preparation for a 40-foot container shipment that will hold over 1,000 refurbished PCs. We sent 25 laptops to Liberia in partnership with the Mineke Foundation.

Volunteer Angus Guild checking a recently arrived donation



Volunteers at Newbridge taking a break from refurbishing computers to check out Turing Tumble

Environmental Impact

Our IT reuse programme continues to generate environmental benefits, by diverting 14 tonnes of PCs that would otherwise go to waste, we created equivalent carbon savings of 511 tonnes in 2018. This is the equivalent of planting over 1,300 trees, or offsetting the annual carbon footprints of 53 British people, in just one year of our operations. Moreover, the embodied energy savings created are enough to power 71 UK homes for a year.

Overall, this brings our lifetime total of waste diverted and reused to 69 tonnes and our carbon savings to 2,600 tonnes.

Volunteer at Newbridge refurbishing a PC

Other Partnerships

The nature of the Turing Trust's work means that we are often approached by many other organisations that wish to work with us, particularly to receive a donation of IT hardware. We try to accommodate these requests when we see synergies that enable us to increase our impact even outside of our main focus countries. In 2018 this included donating a few PCs to some Scottish charities such as the Edinburgh based Projekt42 and the Glasgow based Scottish Africa United, as well as two laptops being donated to a Zambian charity.

Liberia

Our work in Liberia has expanded in 2018 with a new partnership with the Mineke Foundation. We provided 25 laptops to support their educational initiative helping children and vulnerable women. Furthermore, we have maintained our partnership with YMCA Liberia who continue to use the PCs we provided in 2017. This year YMCA Liberia installed more PCs from the shipment we sent in 2017 bringing their number of computer labs using our PCs to 11. Collectively our support of schools in Liberia means that we have supported nearly 3,000 Liberians to gain advanced digital skills, including HTML and web design, by the end of 2018.

YMCA Liberia Computer lab

Kenya

We were delighted to see the completion of the Ubuntu Power's computer lab in Mutaruni, Kenya this summer. This hybrid computer lab is powered by a combination of solar and biogas, on Ubuntu Power's electricity micro-grid infrastructure. We supported them with nine laptops and a projector as well as the funding needed for the building. This has been a useful experiment for us, developing our expertise on how we can support IT education in areas without grid electricity. In just a few months of the lab being completed we have seen some impressive outcomes. For example, several young Kenyans travelled from nearby villages to use the computer lab to enable them to enrol in secondary school.

Computer lab at Mutaruni, Kenya

As well as our partnership with Ubuntu Power we have continued to support 14 schools in Kenya, providing maintenance and software updates – ensuring that our donated IT equipment continues to make a difference for many years to come. New donations to these schools included; seven laptops to the Kimlea Technical Training Centre in Kiambu and ten laptops to the Indigenous Movement for Peace, Advancement and Conflict Transformation (IMPACT) in Nanyuki.

Prabon Primary / Junior High School, Ashanti region, Ghana

2019 Aims and Objectives

Aim 1

Continue to install computers in African classrooms in a sustainable manner that supports a holistic learning approach. (SDG 4 - Quality Education)

A) To provide teachers with the training and resources they need to maximise the impact of digital classrooms

B) To develop our e-learning software to best serve local educators and equip students with the digital skills they need for work

C) To improve our monitoring, evaluation and learning efforts to provide detailed information on impact

Aim 2

Build our UK operations to enhance our volunteering programme and increase our ability to process donations efficiently. (SDG 17 - Partnership For The Goals)

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

Strengthen the means of implementation and revitalize the global partnership for sustainable development

Nyungwe Community Day Secondary School, Karonga District, Malawi

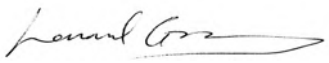
Our Strategy 2019 - 2022

As set out in our strategy document for the four years from 2019 to 2022 (available on our website), The Turing Trust will improve the quality of education for an additional 72,000 students in sub-Saharan Africa.

To achieve this, it is crucial to monitor and evaluate our impact and to act tirelessly to address the issues raised.

Computer maintenance and repair in Malawi. All computers shipped to Malawi are checked before installation in schools.

Accounts
Independent Examiner's Report

Report to the trustees/ members	The Turing Trust		
On accounts for the year ended	31 December 2018	**Charity no (if any)**	1156687 SC046150
Set out on pages	36 to 47		
Responsibilities and basis of report	I report to the trustees on my examination of the accounts of the above charity ("the Trust") for the year ended 31/12/2018. As the trustees of the Trust, you are responsible for the preparation of the accounts in accordance with the requirements of the Charities and Trustee Investment (Scotland) Act 2005 (the '2005 Act'), the Charities Accounts (Scotland) Regulations 2006 (as amended), and the Charities Act 2011 ('the 2011 Act'). You are satisfied that your charity is not required by charity law to be audited and have chosen instead to have an independent examination. I report in respect of my examination of the Trust's accounts carried out under section 44 (1) (c) of the 2005 Act and section 145 of the 2011 Act. In carrying out my examination I have followed the requirements of Regulation 11 of the Charities Accounts (Scotland) Regulations 2006 (as amended) and all applicable Directions given by the Charity Commission under section 145(5)(b) of the 2011 Act.		
Independent examiner's statement	I have completed my examination. I confirm that no matters have come to my attention giving me cause to believe that in any material respect: 1. accounting records were not kept as required by section 44 (1) (a) of the 2005 Act and Regulation 4 of the Charities Accounts (Scotland) Regulations 2006 (as amended) and section 130 of the 2011 Act; or 2. the accounts do not accord with those records; and 3. the accounts do not comply with the accounting requirements of Regulation 9 of the Charities Accounts (Scotland) Regulations 2006 (as amended). I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the accounts to be reached.		
Signed:		**Date:**	28-02-19
Name:	Lenard Grannum CPFA		
Relevant professional qualification(s) or body (if any):	CIPFA		
Address:	32 Adelphi Place		
	Edinburgh		
	EH15 1BG		

Accounts
Receipts and Payments

For the period 01/01/2018 to 31/12/2018 *All amounts given to nearest £* ***A1 Receipts***	Unrestricted funds	Restricted funds	Expendable endowment funds	Permanent endowment funds	Total funds current period	Total funds last period
Donations	26,637	4,955			31,592	63,072
Legacies					-	-
Grants		28,147			28,147	26,510
Receipts from fundraising activities	1,202	19,625			20,827	14,182
Gross trading receipts	13,790				13,790	33,111
Income from investments other than land and buildings	440				440	136
Rents from land & buildings					-	-
Gross receipts from other charitable activities					-	257
A1 Sub total	42,069	52,727	-	-	94,796	137,268
A2 Receipts from asset & investment sales						
Proceeds from sale of fixed assets					-	-
Proceeds from sale of investments					-	-
A2 Sub total	-	-	-	-	-	-
Total receipts	42,069	52,727	-	-	94,796	137,268
A3 Payments						
Expenses for fundraising activities	4,431	351			4,782	1,967
Gross trading payments	5,093	9,098			14,191	16,993
Investment management costs					-	-
Payments relating directly to charitable activities	13,588	59,693			73,281	66,971
Grants and donations					-	
Governance costs:					-	
Audit / independent examination					-	
Preparation of annual accounts					-	
Professsional and legal costs	473				473	177
Other (trustee expenses)	259				259	208
A3 Sub total	23,844	69,142	-	-	92,986	86,316
A4 Payments relating to asset and investment movements						
Purchases of fixed assets	695				695	265
Purchase of investments					-	
A4 Sub total	695	-	-	-	695	265
Total payments	24,539	69,142	-	-	93,681	86,581
Net receipts / (payments)	17,530	(16,415)	-	-	1,115	50,687
A5 Transfers to / (from) funds	(68,617)	68,617			-	
Surplus / (deficit) for year	(51,087)	52,202	-	-	1,115	50,687

Accounts
Statement of Balances (1)

Categories All amounts given to nearest £	Details	Unrestricted funds	Restricted funds	Expendable endowment funds	Permanent endowment funds	Total current period	Total last period
B1 Cash funds	Cash and bank balances at start of year	**52,182**	**29,529**			**81,711**	**31,024**
	Surplus / (deficit) shown on receipts and payments account	**(51,087)**	**52,202**			**1,115**	**50,687**
	Cash and bank balances at end of year	**1,095**	**81,731**	**-**	**-**	**82,826**	**81,711**

	Details	Fund to which asset belongs	Market valuation	Last year
B2 Investments	Bitcoin donations (holding on 31/12/2018)	General fund	**3**	**1,313**
	Litecoin donations (holding on 31/12/2018)		**-**	**1,111**
		Total	**3**	**2,424**

	Details	Fund to which asset belongs	Cost	Current value	Last year
B3 Other assets	The Big Give outstanding donations from 2018, match funding and gift aid	Malawi Project (Big Give)		**25,241**	**4,624**
	Donations including gift aid via fundraising platforms not yet received	General fund		**75**	**551**
	Donations including gift aid via fundraising platforms not yet received	Computer sponsorship		**1**	**45**
	Gift aid to be claimed for 2018 cash donations	General fund		**56**	**177**
	Scottish Government grant - final payment	Malawi project		**-**	**11,000**
	Donation from Rotary Club	Computer sponsorship / student sponsorship		**-**	**3,000**
	Fundraising activities - speaker fees	General fund		**-**	**200**
	Licence fees receivable	General fund		**2,000**	**-**
	Donations in kind (stock of computer equipment at year end - see note for policy on valuation of in kind donations)	Malawi project / computer sponsorship		**42,871**	**18,270**
	Donations in kind retained for use - IT equipment			**3,000**	**3,000**
	Donations in kind retained for use by the Turing Trust - portacabin, furniture & fittings			**4,000**	**4,000**
	Independent Examiner donation in kind			**200**	**100**
	Fixed assets (2 pallet trucks and wet/dry hoover)		**960**	**960**	**265**
		Total	**960**	**78,404**	**45,232**

Accounts
Statement of Balances (2)

	Details	Fund to which liability relates	Amount due	Last year
B4 Liabilities	Fundraising platform fees	Malawi Project (Big Give)	**841**	**85**
	Overheads	General fund	**614**	**4,389**
	Shipping costs	Malawi Project (Big Give)	**11,300**	**-**
		Total	**12,755**	**4,474**

	Details	Fund to which liability relates	Amount due (estimate)	Last year
B5 Contingent liabilities				
		Total	**-**	**-**

These financial statements were approved by the Trustees on 14th February, 2019 and are signed on their behalf by:

Dermot Turing
Trustee

Bernie Hollywood
Trustee

Accounts
Notes to the Accounts (1)

C1 Nature and purpose of funds (*may be stated on analysis of funds worksheets)*	Please see analysis of funds worksheets			
C2 Grants	Type of activity or project supported	Individual / institution	Number of grants made	£
			Total	
C3a Trustee remuneration	If no remuneration was paid during the period to any charity trustee or person connected to a trustee cross this box (otherwise complete section 3b)			
	Charity Commission England and Wales			£
C3b Trustee remuneration - details	James Turing CEO salary including pension costs (from July 2018) - see notes			**9,641**
C4a Trustee expenses	If no expenses were paid to any charity trustee during the period then cross this box (otherwise complete section 4b)			
			Number of trustees	**£**
C4b Trustee expenses - details	Travel related to Kenya project (in country)		**1**	**105**
	Expenses for participating in trustee meetings		**1**	**259**
	Nature of relationship	Nature of transaction	**Transaction amount (£)**	**Balance outstanding at period end (£)**
C5 Transactions with trustees and connected persons				
C6 Other information (1)	The Turing Trust is registered with the Charity Commission of England and Wales #1156687 and with the Office of the Scottish Charity Regulator #SC046150			

Accounts
Notes to the Accounts (2)

C6 Other information (2)

Accounting Policy

1. Accounts are prepared in accordance with the Charities and Trustee Investment (Scotland) Act 2005 ('the Act'), and the Charities Accounts (Scotland) Regulations 2006 ('the Regulations') following the guidance published by the Office of the Scottish Charity regulator (OSCR) within the publication Scottish Charity Accounts: An Updated Guide to the 2006 Regulations. This complies with the guidance from The Charity Commission of England and Wales who accept accounts laid out in the format required by OSCR.
2. Accounts are prepared as Receipts and Payments Accounts, with additional details provided in the notes as required.
3. Fixed assets
    a. If purchased, these are recorded at cost
    b. If donated, these are recorded at estimated value to the charity at the time of the donation
4. Depreciation is calculated to write off the cost of an asset, less its estimated residual value, over the useful economic life of that asset as follows:
    a. Fixtures and fittings – straight line over 5 years
    b. Office IT equipment – straight line over 3 years
5. Incoming financial resources have been included in the financial statements only when realised or when the ultimate cash realisation of which can be assessed with reasonable certainty.
6. All donations are recorded gross of fees. However, this is managed in our accounting software by recording the net amounts received (as fees are deducted at source) and then entering the difference using journals.
7. Restricted funds consist of fund received which can only be used for the purpose for which they are specified by the donors and are recognised only on receipt.
8. Unrestricted funds consist of funds received from any source which the charity can spend at its own discretion to enable it to achieve its overall aim and objectives. These include all donations unless the donor has specified a purpose for their donation.
9. Donations in kind are recognised in the financial statements at the point at which they have been received.
    a. In-kind donations of are recognised at an estimated market value for all items of their category. This value reflects the market value of these donations.
    b. Refurbished goods sold in the UK to provide funds to cover operational costs are recognised at the sale value at the time of sale and funds received are included in trading receipts.
    c. Donations in kind of services are recognised at the market value of the service at the time that it was donated and recorded in the notes to the accounts.
10. Cryptocurrency donations are represented at the exchange rates published at the start and end of each financial year. Cryptocurrency donations tend to be small in both number (approximately 1 per month in each currency) and amount (under £50 on average). This source of donations is not taken into account in terms of planning until converted into GBP. These currencies are volatile, but with some upward potential, and there are costs associated in converting them into GBP. Our policy is to consider exchanging into GBP once the value in a cryptocurrency is greater than £1000, taking into consideration the market and currency movements at that point.
11. Governance costs include the independent examiner's fees, the registration / membership costs of the relevant organisations and the costs incurred for trustee meetings.
12. Reserves are held in accordance with the Turing Trust financial policy. This states that reserves should cover 4 months operating costs.

Accounts
Notes to the Accounts (3)

C6 Other information (3)

Notes for 2018 Accounts

- We have adopted the format for receipts and payments accounts required by OSCR and used the suggested template to prepare the accounts.
- As receipts and payments accounts do not include depreciation, this is not reflected here. However, depreciation is recognised internally to ensure that we budget for replacement equipment when it is likely to be needed. Figures for this are given below:

  Depreciation on fixtures and fittings: £800 Net book value: £3,200

  Depreciation on office IT equipment: £1,000 Net book value: £2,000
- Cryptocurrency donations are reported on as donations once converted into GBP and for reporting on cryptocurrency amounts at the beginning and end of the year GBP equivalents are calculated from the published exchange rates at the start and end of the year (bitcoin: http://www.xe.com/currencycharts/?from=XBT&to=GBP, litecoin: https://www.coingecko.com/en/price_charts/litecoin/gbp). Although cryptocurrency exchange rates at the end of 2017 were reaching highs and we were optimistic that this might continue, the opposite has happened, with no signs of recovery in the near future. We therefore took the decision to exchange our cryptocurrencies into GBP and be able to make use of the funds in furthering our charitable objectives.
- At the end of 2018 we heard that we had been awarded the Social EDGE award of £100,000 (split £40,000 grant and £60,000 loan). However, the details were still to be finalised and the contract had not been signed at year end and so this has not been included as an asset in the statement of balances.
- **Donations in kind sent to Liberia and Kenya in 2018: £2,260**
- **Donations in kind (services received during 2018)**
  - Website development £4,000
  - Independent Examiner £ 200
- **Donations in kind (software licenses):** Support from Redbooth, OnDMARC, Wistia, EasyGenerator, Sage, Salesforce, GoogleAdWords, Microsoft Office 365 Business Essentials.
- **Reserves** have been held in accordance with the accounting policy of a minimum of 4 months operational costs. This currently represents a minimum of £26,000 of unrestricted funds to be held as reserves. We are also holding an additional £14,000 as a contingency to ensure that we are able to meet expenses, including rent (which we do not have to pay at present) associated with the need to move premises in September. Any sum held in cryptocurrency is disregarded when computing reserves. This year we have included our reserves as a specific reserve fund under our restricted funds to make this clearer than in previous years.
- The Charity Commission of England and Wales have given permission for James Turing to be employed as the CEO of the Turing Trust even though he is a connected party to one of the trustees.
- **Staff costs**
  - Employee costs £57,644
  - Employer's National Insurance £0 (£3,382 covered by Employers' allowance)
  - Employer's Pension £1,522
- **Staff numbers**
  - Average head count: 4
  - Full-time staff: 1
  - Part-time staff: 3
  - FTE at the start of the financial year: 2.5
  - FTE at the close of the financial year: 2.3

Accounts
Additional Analysis. Analysis of Receipts and Payments

1 Donations All amounts given to nearest £	Unrestricted funds	Restricted funds	Expendable endowment funds	Permanent endowment funds	Total current period	Total last period
Individual donations	6,239	1,125			7,364	11,245
Corporate donations	11,559				11,559	31,415
Other donations (including receipts from charitable trusts, charity accounts and prizes)	8,839	3,830			12,669	20,412
Total	26,637	4,955	-	-	31,592	63,072
2 Grants						
University of Edinburgh (Internships team)					-	1,500
University of Edinburgh Innovation Initiative Grant					-	4,960
Scotish Government International Development Small Grant (awarded 2016 and paid over 3 years)		11,000			11,000	19,000
Institute of Physics (Virdee Grant)					-	1,050
Learning Equality Hardware Grant		6,147			6,147	
Scottish EDGE - Young EDGE winner		10,000			10,000	
Foundation Scotland Grant Reference: A499541		1,000			1,000	
Total	-	28,147			28,147	26,510
3 Gross receipts from other charitable activities	**Unrestricted funds**	**Restricted funds**	**Expendable endowment funds**	**Permanent endowment funds**	**Total current period**	**Total last period**
					-	
Total	-	-	-	-	-	-
4 Payments relating directly to charitable activities	**Unrestricted funds**	**Restricted funds**	**Expendable endowment funds**	**Permanent endowment funds**	**Total current period**	**Total last period**
Malawi projects (Scottish Government)		7,814			7,814	8,556
Malawi projects (The Big Give)		1,371			1,371	-
Kolibri project		6,358			6,358	-
SolarBerry construction in Malawi		1,300			1,300	2,074
SolarBerry costs in UK		473			473	534
Staff costs in UK	7,564	35,825			43,389	28,999
Overheads in UK	6,024	-			6,024	3,954
Computer collection & refurbishment in UK		3,196			3,196	2,110
Shipping		401			401	15,306
Ghana projects		1,750			1,750	2,615
Student sponsorship (Ghana)		1,080			1,080	720
Kenya projects		125			125	2,103
Total	13,588	59,693	-	-	73,281	66,971

Accounts
Additional Analysis. Breakdown of Unrestricted Funds.

Nature and purpose of funds

General fund: to be used at the charity's discretion to support the charity in achieving its charitable aims and objectives both in the UK and in Africa. A proportion of this fund (representing 4 months operating costs and a contingency for our need to move premises in 2018) is set aside as a Reserves fund in line with the Turing Trust reserves policy and held in a dedicated savings account. Money from the unrestricted funds is used to supplement various projects for which there are also some restricted funds. In particular, the Malawi project restricted funds do not include any funds for shipping and the grant was awarded on the understanding that The Turing Trust would raise additional funds to cover this. This is made explicit in the amounts transferred shown on this sheet and on additional notes 3 where it is broken down for each project that was supported by unrestricted funds. Money from unrestricted funds is allocated to a project at the point at which it is spent.

Accounts
Additional Analysis. Breakdown of Unrestricted Funds

All amounts given to nearest £ **Receipts**	**General fund**	**Total unrestricted funds**	**Total unrestricted funds last period**
Donations	**26,637**	**26,637**	**47,660**
Legacies	**-**	**-**	**-**
Grants	**-**	**-**	**-**
Receipts from fundraising activities	**1,202**	**1,202**	**1,603**
Gross trading receipts	**13,790**	**13,790**	**33,104**
Income from investments other than land and buildings	**440**	**440**	**136**
Rents from land & buildings	**-**	**-**	**-**
Gross receipts from other charitable activities	**-**	**-**	**257**
Sub total	**42,069**	**42,069**	**82,760**
Receipts from asset & investment sales			
Proceeds from sale of fixed assets	**-**	**-**	**-**
Proceeds from sale of investments	**-**	**-**	**-**
Sub total	**-**	**-**	**-**
Total receipts	**42,069**	**42,069**	**82,760**
Payments			
Expenses for fundraising activities	**4,431**	**4,431**	**1,607**
Gross trading payments	**5,093**	**5,093**	**16,993**
Investment management costs	**-**	**-**	**-**
Payments relating directly to charitable activities	**13,588**	**13,588**	**-**
Grants and donations	**-**	**-**	**-**
Governance costs:			
Audit / independent examination	**-**	**-**	**-**
Preparation of annual accounts	**-**	**-**	**-**
Legal & professional costs	**473**	**473**	**177**
Cost of trustees attending trustee meetings	**259**	**259**	**-**
Other (facilitator for trustee away day)	**-**	**-**	**208**
Sub total	**23,844**	**23,844**	**18,985**
Payments relating to asset and investment movements			
Purchases of fixed assets	**695**	**695**	**265**
Purchase of investments	**-**	**-**	**-**
Sub total	**695**	**695**	**265**
Total payments	**24,539**	**24,539**	**19,250**
Net receipts / (payments)	**17,530**	**17,530**	**63,510**
Transfers to / (from) funds	**(68,617)**	**(68,617)**	**(25,274)**
Surplus / (deficit) for year	**(51,087)**	**(51,087)**	**38,236**

Accounts
Additional Analysis. Breakdown of Restricted Funds (1)

Nature and purpose of funds

Computer sponsorship: To cover all the costs relating to the collection, refurbishment and distribution of computers, including shipping to Africa.

Malawi project: Scottish Government grant supporting the pilot of a SolarBerry in Malawi and the installation of 4000 computers in 200 rural schools in Malawi.

Malawi project (funds raised via Big Give in 2017 and 2018): To support shipping costs, training locally for IT skills and maintenance, computer refurbishment, training in Malawi schools and e-library development in Malawi.

SolarBerry: To support the ongoing development, construction and evaluation of the SolarBerry in Africa.

Kolibri Hardware Grant: for the purchase of hardware in Malawi to support the implementation of Kolibri and assess this.

Ghana project: to support all our operations in Ghana. This can include items such as workshops on computer maintenance and repair and the use of computers in teaching, support for those computer labs already equipped by the Turing Trust and distribution of donations to allow the set-up of more computer labs.

Student sponsorship: to cover the fees for students attending the ICCES in Ghana.

Kenya project: to support all our projects in Kenya, including the building and setting up of a solar computer laboratory.

Sales Manager: Edge grant to support the employment costs relating to generating and building e-bay sales to generate income to support our charitable activities.

Reserves fund: this is held in line with our finance policy which states that The Turing Trust should hold in reserve sufficient funds to cover to cover 4 months operating costs and until we have moved premises and additional £14,000 to cover anticipated requirements related to the move, and is held in a dedicated savings account.. The Reserves Fund is derived from unrestricted funds.

Unrestricted funds have been used to support some projects and are allocated to the project at the point the money is spent. The amount used from unrestricted funds to support each project is shown here. The Malawi project funded by the Scottish Government specifically does not include money for shipping and the award was made on the understanding that The Turing Trust would raise funds to cover this.

Accounts

Additional Analysis. Breakdown of Restricted Funds (2)

All amounts given to nearest £ **Receipts**	**Computer Sponsorship**	**Malawi project**	**SolarBerry (Virdee grant carried forward from 2017)**	**Malawi project (funds raised via Big Give)**
Donations	**135**	**2,848**		
Legacies				
Grants		**12,000**		
Receipts from fundraising activities				**19,625**
Gross trading receipts				
Income from investments other than land and buildings				
Rents from land & buildings				
Gross receipts from other charitable activities				
Sub total	**135**	**14,848**	**-**	**19,625**
Receipts from asset & investment sales				
Proceeds from sale of fixed assets				
Proceeds from sale of investments				
Sub total	**-**	**-**	**-**	**-**
Total receipts	**135**	**14,848**	**-**	**19,625**
Payments				
Expenses for fundraising activities	**4**			**247**
Gross trading payments				
Investment management costs				
Payments relating directly to charitable activities	**135**	**22,158**	**2,747**	**22,422**
Grants and donations				
Governance costs:				
Audit / independent examination				
Preparation of annual accounts				
Legal costs				
Sub total	**139**	**22,158**	**2,747**	**22,669**
Payments relating to asset and investment movements				
Purchases of fixed assets				
Purchase of investments				
Sub total	**-**	**-**	**-**	**-**
Total payments	**139**	**22,158**	**2,747**	**22,669**
Net receipts / (payments)	**(4)**	**(7,310)**	**(2,747)**	**(3,044)**
Transfers to / (from) funds	**4**	**7,310**	**2,747**	**14,344**
Surplus / (deficit) for year	**-**	**-**	**-**	**11,300**

Accounts

Additional Analysis. Breakdown of Restricted Funds (3)

Kolibri hardware grant	Ghana project	Student Sponsorship	Kenya project	Sales Manager (Young Edge)	Reserves Fund	Total restricted funds	Total restricted funds last period
	892	1,080				4,955	15,412
6,147				10,000		28,147	26,510
						19,625	12,579
						-	7
						-	
						-	
						-	
6,147	892	1,080	-	10,000	-	52,727	54,508
						-	
						-	
-	-	-	-	-	-	-	-
6,147	892	1,080	-	10,000	-	52,727	54,508
	100					351	360
				9,098		9,098	
						-	
6,358	4,186	1,080	607			59,693	66,971
						-	
						-	
						-	
						-	
						-	
6,358	4,286	1,080	607	9,098	-	69,142	67,331
						-	
						-	
-	-	-	-	-	-	-	-
6,358	4,286	1,080	607	9,098	-	69,142	67,331
(211)	(3,394)	-	(607)	902	-	(16,415)	(12,823)
211	3,394		607		40,000	68,617	25,274
-	-	-	-	902	40,000	52,202	12,451


The Turing Trust
turingtrust.co.uk