







Charity registration number: 1156687

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# The Turing Trust Annual Report 2014

The Turing Trust is a UK based sustainable development charity which makes people more employable by bringing transformative technologies to those that will otherwise miss out. Our work is predominantly based in Ghana, although we're also expanding our work to include Malawi and other African nations, focusing on those who do not already receive outside support. The schools we work with lack the learning resources we take for granted, and this limits student potential. We are changing this by giving the appropriate technologies to young learners, providing them with the power to shape their own futures through more practical and independent learning.

Our work currently improves education in 61 community based vocational schools throughout rural areas of Ghana, impacting thousands of young students who may otherwise not complete secondary education. The main focus of this impact, alongside student sponsorship, is through access to our IT based open access learning materials. To date we have sent over 900 computers to Ghana and Malawi through a computer reuse scheme in the UK. We are dedicated to reducing wastage of IT resources in UK households, with old machines achieving an average extended 5 years of life in Africa. Our computers are fitted with a unique curation of offline learning resources that can benefit students in their academic life, their personal life and their future employment.





#### Structure

Trustees:

**Dermot Turing** 

John Turing

Jonathan Burns

Conor Scott

The Turing Trust is overseen by the above board of 4 trustees who met regularly in 2014. All decisions are to be made by absolute majority. In the event of a deadlock, founder trustees are granted an additional vote.

It is intended that in 2015 new trustees will be appointed based upon skills and experience to improve the efficacy of the Turing Trust. This is to ensure that our board has the best possible knowledge required to oversee and make decisions upon the charitable activities undertaken by the Turing Trust.

New trustees will be recruited from our current contacts and may be nominated by any trustee. Approval requires a majority vote of the board of trustees. They will be interviewed by at least one Trustee but preferably by the entire board. The term of office shall last three years. At the end of three years, the director can decide to renew the term or to appoint another in his/her place. Trustees can resign at any time provided that one month's notice is provided. If the trustee is felt to be improperly performing his/her duties, a vote of no confidence can be brought by the other trustees. The minimum number of trustees shall be three.

"Very impressed with the number and quality of Wiping Volunteers with technical backgrounds coming forward this year"

Andrew Clark, Computer Reuse Scheme Manager



# 2014 Objectives and Activities

Our objectives for 2014 were to increase our computer donations and student sponsors. We also wished to begin projects dedicated to post-education employment for our graduating students.

| Computers:<br>441 computers<br>donated     | Sponsorship:<br>40 new students                   | School repairs:<br>New roof for Afoako<br>computer lab               |
|--|---|--|
| Student business: 2 catering stalls set-up | E-waste: Jamestown facility for first 6 computers | The Imitation Game Leveraged positive publicity increasing donations |

#### Achievements and Performance

Computers donated in 2014 increased by almost 48% from 2013, from 298 desktops and laptops to 441 by the end of the year. These volumes mean that we will be moving from palletised shipments to filling our own 20ft shipping container in 2015. This will mean our operations are more cost-effective and efficient.

Student sponsorship was a huge success with a major fundraiser run by two Turing Trust volunteers who also volunteered in Ghana for a month in the summer. This has meant that 40 new students have been able to benefit from paid tuition, exam fees and accommodation for an entire year. With each student going through a strict application process this ensures that those bottom of the pyramid students have access to education.

School repairs completed in 2014 included a new roof for our first computer lab in the Afoako ICCES.

Securing a grant with Lush Cosmetics through their Lush Charity Pot scheme enabled us to set up our catering stalls to empower young women with employment opportunities and increased



entrepreneurship. These are the first few catering stalls in the Ashanti region within the ICCES system of schools. They are already having a huge impact, enabling students to learn their trades with much greater real life work experience whilst also earning profits that ICCES are able to reinvest into developing the schools. Each of our stalls is enabling 10 students annually to start work immediately after graduation in a programme where they can be further mentored in their chosen profession.

Progression was also made with our e-waste facility in Ghana. Considering the average 5 year extended life of our computers once in Ghanaian schools, 2014 marked the end of life for 6 of the machines we first donated in 2009 and thus we focused our attentions on proper disposal.

2014 also marked the release of the Hollywood film, The Imitation Game, the film detailing the Alan Turing story. Connecting with the films studio, The Weinstein Company, we managed to achieve an incredible amount of fundraising for the Trust around premier ticket sales and cast signed posters. We hope to continue making the most of these connections to honour the legacy of Alan Turing with our charitable activities.



# Financial Review

Our in-kind donations (computer equipment donated) valued in at £40,846, almost surpassing our grand total to date. Our monetary funds totalled £30,651 including all restricted and unrestricted funds.

At the end of the year the Turing Trust held no liabilities.

| Incoming resources                                 | Amount     | Notes   | 2013       |
|--|------------|---|------------|
| The Imitation Game                                 | £12,020.94 | Premier tickets and signed poster sales                                   | 50         |
| Individual donations                               | £6,382.69  |   | £8,113.94  |
| Grants   | £4,750.00  |   | £3500      |
| University of Edinburgh                            | £2,999.66  | Grants for educational workshops in Africa                                | 50         |
| Gift Aid claims 2013                               | £2,240.78  |   | £231.21    |
| Fundraising  | £1,953.00  | Activities run by students at the University of Edinburgh                 | £1,716.06  |
| Easyfundraising                                    | £304.52    |   | £230.07    |
|  |            |   |            |
| Total for year                                     | £30,651.59 |   | £13,560.07 |
|  |            |   |            |
| Outflow  | Amount     | Notes   | 2013       |
| Payments related directly to charitable activities | £19,101    | Includes all shipping,<br>workshops, construction<br>and computer repairs | £9631      |
| Grants   | £1,755     | For student sponsorships in Ghana   | £837       |
| Governance costs                                   | £97        |   | £137       |
|  |            |   |            |
| Total  | £20,953    |   | £10,605    |



# 2015 aims and objectives

Aim 1- Bring at least 1,000 more computers to Africa per year.

# **Objectives-**

- Streamline our donor communications to ensure all donors have the chance to follow through with their donations. We will create a database to help us achieve this
- Re-organise our volunteer operations in order to wipe and process more computers per week.
- · Reach out to more businesses who renew their IT equipment regularly.
- · Ensure our marketing for potential donors is effective by utilising our ad-words grant.
- . Develop plans for the SolarBerry, a solar powered, Raspberry Pi computer lab built from a repurposed shipping container.

Aim 2- Ensure sustainability in what we do and the charity's life-span at minimal cost.

# **Objectives-**

- Begin partnerships with government and privately funded Ghanaian schools who will be charged subsidised prices for our computers.
- · Acquire permanent premises to act as our UK hub for computer deliveries and processing operations.

**Aim 3**- Impact education effectively in rural African communities.

### **Objectives-**

- Research and create our own specialised tests to administer in Ghana to evaluate quantitative and qualitative results that may be directly impacted by our work, i.e. exam results and opinions about IT.
- Customise our learning resources further and ensure they are fully accessible to all students on our computers.
- Begin teacher training twice per year.