AFRICA ICT RIGHT

ANNUAL REPORT

2018

AFRICA ICT RIGHT

Empowering Communities Through ICT

2018

Annual Report

ORGANISATION OVERVIEW

Profile

Africa ICT Right (AIR) is an ICT-oriented NGO established in 2007 and run by a team of volunteers. AIR was established in order to use Information and Communication Technology (ICT) tools to address critical national problems pertaining to the education, gender, youth empowerment and health in Ghana.

AIR was created out of the belief that the modern world is in the midst of a profound transformation in which personal computers, mobile phones and Internet technologies play critical role but there is great inequality in the distribution of these tools, which is detrimental not only to underserved communities, but also to our society.

We partner with donors, governmental and private institutions, NGOs and local communities to address this detriment through our integrated development programs that provide technological solutions and support directed at educational ad health facilities especially in less privileged areas where the digital divide is at its greatest.

Vision

A computer literate society in Ghana where Information and Communications Technology (ICT) is be used to address developmental needs of communities.

Mission

Empowering underserved communities by providing technological resources, training and support to address developmental needs.

In our five-point strategic approach to ICT for development (ICT4D), we aim at:
● Connectivity
● Access
● Education
● Content
● Research

Main Objectives

AIR's main and broad objectives are:
● To ensure that schools and communities have access to IT infrastructure.
● To provide low-power and low-cost computers.
● To provide ICT training for teachers and youth.
● To close the gender gap in the technology sector.
● To identify and address critical national problems pertaining to education, gender and health using mobile solutions.
● To work in close collaboration with communities, donors, governmental and private institutions to implement Information and Communication Technology for Development (ICT4D) programs.

Core Values

As we pursue our vision, AIR is guided by the following core values:

Collaboration
Our work thrives on teamwork, strategic alliances and communication within our organization and the communities we serve.

Accountability
We are dedicated to the efficient and effective use of resources entrusted to us. We accept responsibility of the public trust and are accountable for our actions. We also communicate our successes and challenges to partners, stakeholders, and donors.

Integrity
To do the right thing and adhere to the highest ethical standards of honesty, transparency and loyalty.

Professionalism
We value professionalism by all employees. We develop our staff to perform their work with expertise, dedication and care.

Excellence
We hold ourselves to high standards of performance and aim to improve outcomes continuously. We consider ourselves privileged doing this work.

MESSAGE FROM THE EXECUTIVE DIRECTOR

I want to thank you for joining us on our incredible journey in 2018 and for standing with us as we take action, create change, and support the next generation of tech innovators, tasked to tackle some of the biggest global challenges of our time.

It is absolutely unimaginable for many, to envision a life without a computer, laptop, and continual access to the Internet. Unfortunately, not everyone in the world can afford this seemingly indispensable privilege. Therefore, we at Africa ICT Right have taken it upon ourselves to cater to the needs of the technologically unprivileged communities by providing them with access to ICT.

This includes programs that provide computer labs for schools, enhancing classroom engagement by providing teachers with a computer and projector for their classroom, and establishing computer training centers in order to providing instruction to teachers on how to use ICT.
Though we have some ambitious goals to accomplish together in 2019,including setting up 5 Digital Village ICT Learning

Centers, reaching 5,000 girls through our Girls in Tech (GTech) program and training 60 STEM teachers from 15 schools, I am confident that with your support, we will get there.

I can't close this foreword without expressing a word of appreciation and thanks to all our strategic partners and sponsors for their continued support, to the members of our Board as well as to our committed staff and volunteers, without whom none of this would be possible.

DANIEL GANYOAME
EXECUTIVE DIRECTOR

PROGRAMS OVERVIEW

iTeach ICT

Teachers play a critical role in the integration of ICT in teaching and learning, and that their capacity must be built to effectively use ICT tools to enhance the teaching and learning process in the classroom.

This program seeks to equip STEM teachers with the relevant skills and content to aid them integrate ICT into their teaching and learning.

The GTech program aims to close the gender gap in the technology sector by educating, inspiring, and equipping high school girls with the skills and resources to pursue opportunities in computing fields. Students learn basic coding skills, build exciting projects, and develop strong relationships with mentors in the field.

Computer 4 Change

The introduction of ICT as a compulsory subject under the new Ghana Education Service (GES) curriculum has created a massive challenge as most schools lack access to ICT infrastructure, computers, and qualified teachers to implement the ICT component of this syllabus. Thus, the majority of students do not have the ICT proficiency required to enable them to pass the Basic Education Certificate Examination (BECE) successfully.

This program seeks to solicit and distribute low-cost refurbished computers with relevant open source educational software to schools in underserved communities where the digital divide is the greatest.

Mobile 4 Life

The Mobile 4 Life program aims to reduce the high mortality rate among pregnant women and infants in Ghana by using mobile phone solutions to improve local healthcare system and equip community health workers and pregnant women to send and receive important pregnancy and childbirth information in their own language via text and voice messaging respectively.
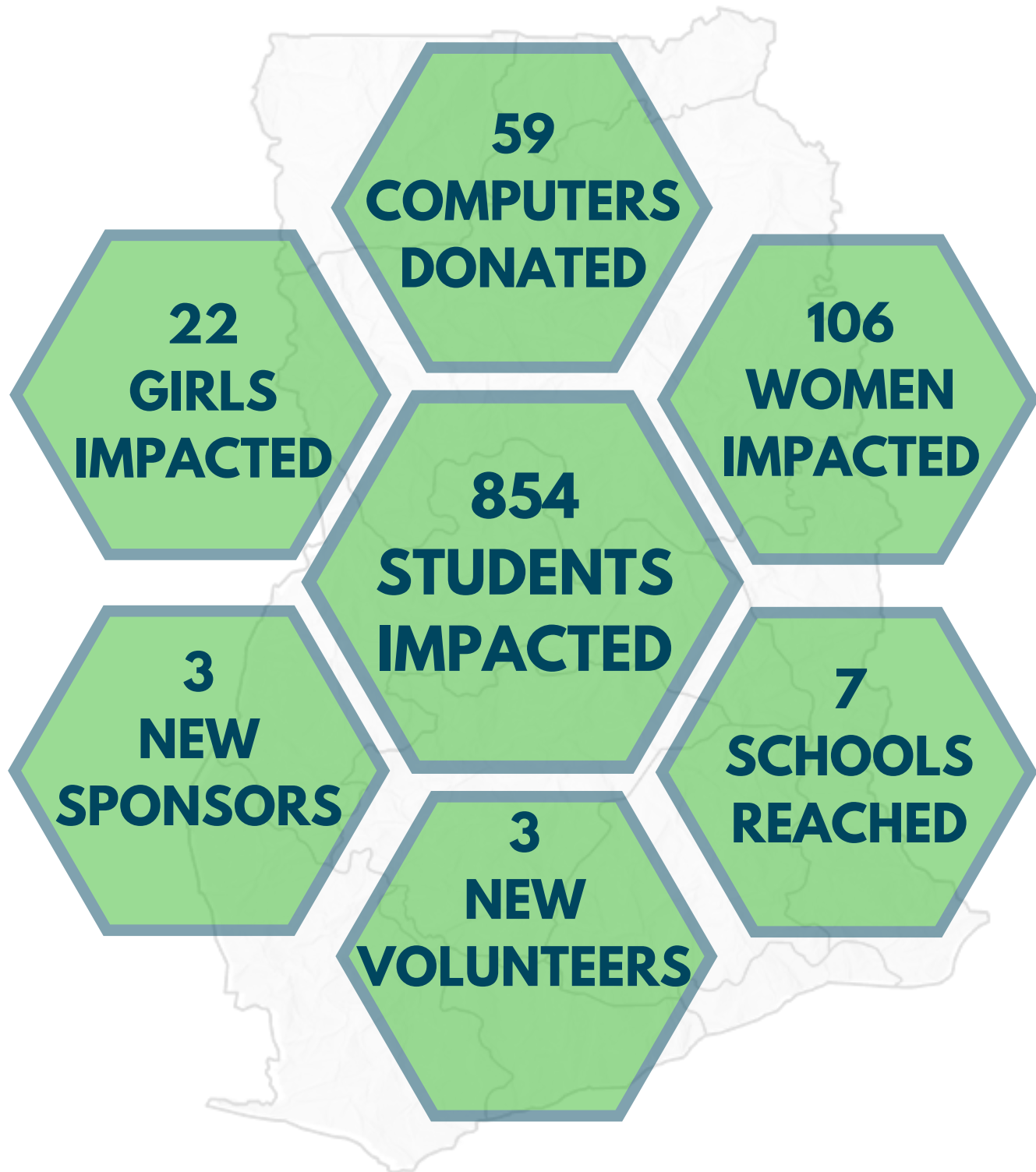
Connecting the Unconnected

Developing a model for a low cost ICT centre in underserved communities in Ghana is a necessity in helping the country to achieve a middle income status and also meet the Sustainable Development Goals (SDGs).

This program seeks to create a replicable low-cost ICT centre model in deprived communities which can be used throughout Ghana and Africa.

Girls in Tech

Girls in Tech (GTech) is a volunteer-led after school computer science program for junior high school girls aged 9-14 from underserved communities.

OUR IMPACT

59 COMPUTERS DONATED

22 GIRLS IMPACTED

106 WOMEN IMPACTED

854 STUDENTS IMPACTED

3 NEW SPONSORS

7 SCHOOLS REACHED

3 NEW VOLUNTEERS

With your assistance and donations, we can reach more underserved communities who do not have access to ICT.
Visit: www.africaictright.org/get-involved
to know how you can make a change.

PROJECT:
COMPUTER 4 CHANGE

We received a donation of 59 laptops from Woodstock Union High school in Vermont, U.S.A. this year. Of these, two laptops went to Methodist Hospital at Bebu and Aburaso, five to Rightway International School in Tema, fifteen to Likpe Tomodo M/A schools in Hohoe, two to the Digital village ICT learning center at Battor, and the remaining 35 went to our Girls in Tech (GTech) project.

The beneficiaries are grateful to Woodstock Union High School for their kind gesture.

We wanted to donate 330 computers to 33 public schools in 2018 but we couldn't get the required resources or support to achieve this goal.

We call upon organizations to help us achieve our goal. We thus request you to kindly donate your old laptops, computers, anti-virus software, or other accessories to our cause. All donated machines will be refurbished before been put to use.

An AIR official installing software on the computers for donation

The Director of AIR presenting some computers to the Assemblyman for Likpe

PROJECT:
MOBILE 4 LIFE

Africa ICT Right (AIR) recognizes that in this modern world, mobile phones present a potential opportunity to address and positively impact the numerous health challenges facing patients and hospital staff.

In 2018, we partnered with Medic Mobile and the Methodist Health Directorate to implement the Mobile 4 Life project in the Methodist Hospital at Bebu and Aburaso in the Atwima Kwanoma District in the Ashanti Region of Ghana. These health facilities serve over 50 communities with a population of about 48,000.

each to the Methodist Hospital at Bebu and Aburaso to enable them register new pregnancies in their community, track antenatal care visits with scheduled reminders, flag a high risk pregnancy, and report delivery and outcomes.

We organized a two-day training for midwives and community healh workers from the two health facilities.

The training session at Aburaso facility brought together six midwives and one community health worker, whiles four midwives and two community health workers participated from the Bebu facility.

The nurses were taught how to register patients using the task tab on the Medic Mobile App on the laptop. The midwives were assigned to complete the registration of patients, new pregnancies and visits for August.

This project currently serves over 120 pregnant women, 10 midwives, and 23 Community health workers (CHWs).

As part of the program implementation, we donated a laptop

AIR's Executive Director monitoring activities.

PROJECT:
GIRLS IN TECH (GTECH)

We organized a week long STEM Summer Camp program for 20 students from Rightway International School in Tema, from 13th August to 17th August and it was facilitated by Courtney Raulerson and Nancy Nyarko.

Our STEM Summer Camp is an exciting week-long residence program designed to pique the interest of women in the STEM fields from an early age. During the summer camp, students learn valuable skills in critical thinking, problem solving, and teamwork as they are taught to view the world through the lens of STEM subjects. They essentially receive added tools with which to succeed in their future careers.

The summer camp comprises engaging classroom coursework, practical team activities, stimulating games, and a group program. Students learn basic concepts in computer programming,

science, math, and engineering, while having fun!

The girls were introduced to the Scratch program and its features where they were taught to create animation incorporating movement, images, sounds, change costumes and also draw shapes such as squares, pentagons, octagons, hexagons, and circles. After each lesson, the girls were given a task to complete.

Some of the beneficiaries taking part in the challenge

On the final day, the girls were given a challenge to complete an existing game, by adding or removing features. Then they were asked to create an animation of their own. The best project was awarded with school supplies, and the best participating group also received a prize. All the girls got to take home a gift from our volunteer, Courtney.

PROJECT:
CONNECTING THE UNCONNECTED

In 2018, we entered into a partnership with America Tower Corporation under their Digital village ICT learning center project, which consist of establishing ICT learning centers across the country to serve as a hub for the promotion of innovation and computer education for basic schools and youth in the beneficiaries' communities.

Under this partnership, we inaugurated the 1st Digital Village ICT Learning Center at Battor in the North Tongu district in the Volta region.

This center will permanently serve the surrounding schools in the Battor community for a long period of time.

This partnership requires us to manage the center, providing a trainer and the curriculum for the lessons. This center will also offer us the opportunity to run other programs like our after-school STEM program for girls and our iTeach ICT training program for STEM teachers.

The first Digital Village ICT Centre

Students having a tutorial session at the centre

Executive Director of AIR giving his speech

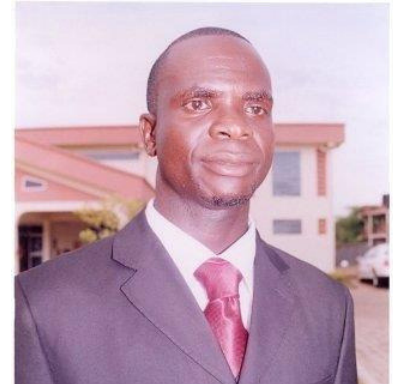**A section of dignitaries at the launch**

MEET OUR TEAM

DANIEL GANYOAME
Founder & Executive Director

JEFF KAPP
Head of Operations

JOHN SITOR
Programs Director

DAMAYANTI CHANDRASEKHAR
Writer/Editor

DAN ROCKLIN
Marketing Manager

MCDANIEL DUAFAH
Office Cordinator

DONORS AND VOLUNTEERS
THANK YOU!

Our donors made it possible for us to realise our vision for 2018 and we are deeply grateful to them.

In 2018, we recruited three new volunteers:

1. Courtney Raulerson - Program Manager

2. Nancy Nyarko - Program Officer

3. Matthew Blunt - Program Officer

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