



The Tigo Digital
Changemakers Award

Impact Report



In partnership with



Reach
for Change

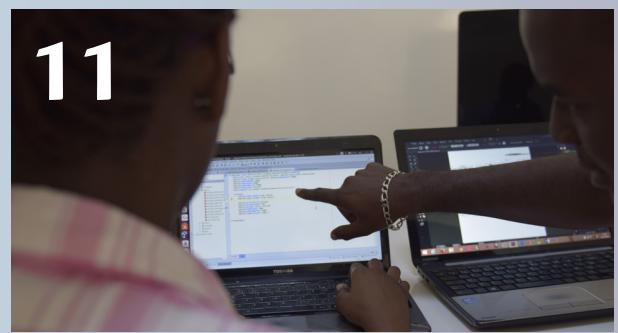


MILLICOM
THE DIGITAL LIFESTYLE

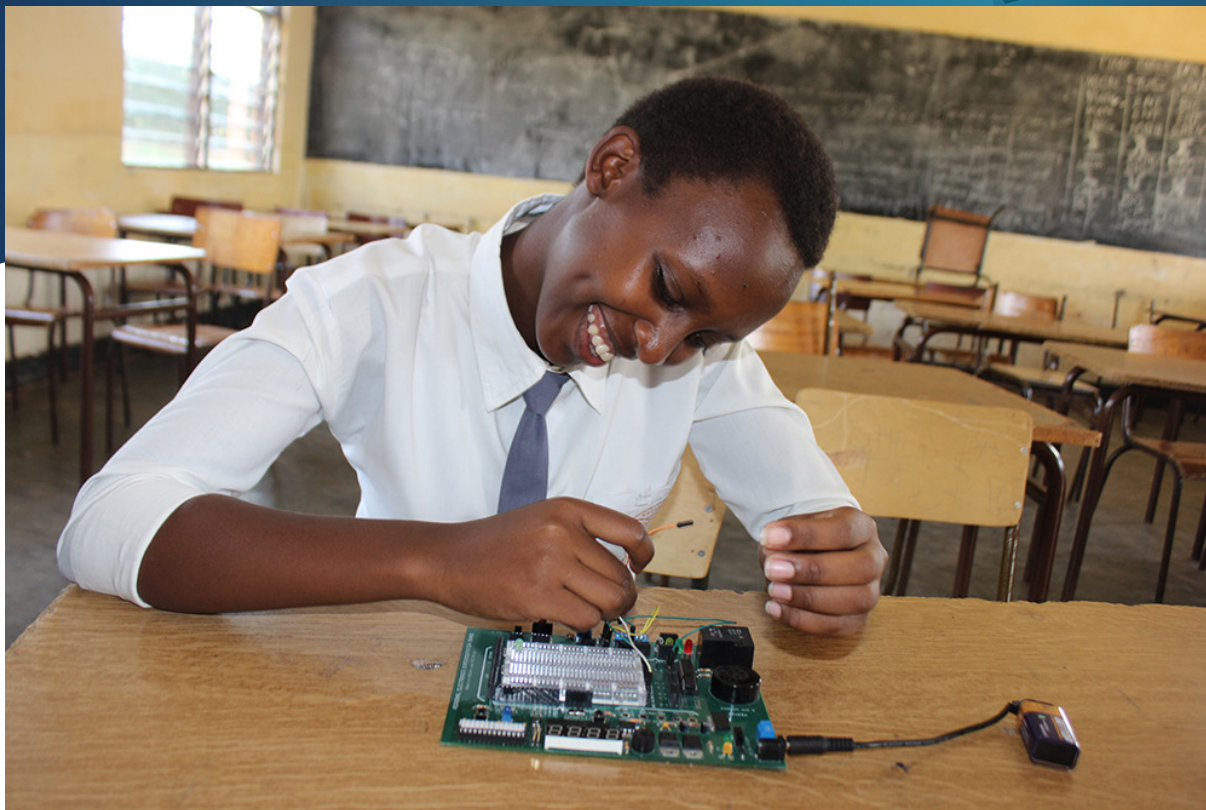


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Millicom and Reach for Change are fostering social entrepreneurship and driving social change in Africa



The Millicom and Reach for Change collaboration is a unique partnership that has supported innovative social entrepreneurs - individuals with innovative solutions to society's most pressing social problems - to improve communities and the lives of children. Millicom and Reach for Change have been working together since 2012 with incubators in Ghana, Rwanda, Tanzania, Chad, Senegal and the DR Congo. Millicom has invested funds and provides access to technology, infrastructure and mentoring. Reach for Change partners with local Millicom operations, operating under the Tigo brand, to select and develop social innovators using Reach for Change's proven model to deliver measurable social impact.

Together we have supported social entrepreneurs who address key issues that affect communities and children in innovative and impactful ways. Selected entrepreneurs must demonstrate social impact for communities and children (0-18yrs), have the potential to scale, show a sustainable business model and be working to create long lasting system change.

Through this partnership more than 50 social enterprises have been supported since 2012 and through them, hundreds of thousands of children have been impacted each year.

Millicom in Africa

Millicom is a leading telecommunications and media company uniquely dedicated to emerging markets in Latin America and Africa. It provides mobile, mobile financial, cable and satellite services to over 56 million customers in thirteen countries, primarily under the Tigo brand. Tigo has been operating in Africa since 1993, and has more than 30 million African customers.

Reach for Change Africa

Reach for Change Africa finds and supports smart, brave and passionate social entrepreneurs with innovations that solve pressing issues facing children, youth and women. It runs innovation competitions, accelerators and incubators that enable social entrepreneurs to scale nationally and regionally. Reach for Change has operations in seven African countries: Ghana, Senegal, Chad, DR Congo, Rwanda, Tanzania and Ethiopia.

The Tigo Digital Changemakers Award

Supporting social entrepreneurs with extraordinary projects and ideas that use digital tools and technology to create impact.



In 2014, Millicom and Reach for Change introduced the Tigo Digital Changemakers (TDC) Award to put a greater focus on finding the digital innovations Africans have to offer to solve social challenges. The best social entrepreneurs who use digital tools and technology to create or grow their impact are selected for support through the program every year. The Tigo Digital Changemakers Award finds local social entrepreneurs with innovative solutions to local challenges and supports them to fine-tune their ideas and to be investment ready through an Accelerator. The winners of the TDC Award gain access to the Reach for Change Incubator where they are supported to scale their social enterprises. They receive funding, training and access to global and local networks of experts and to digital technology and channels. We invest both in social entrepreneurs who are using digital technology at their core and also in social entrepreneurs who want to harness the potential offered by digital technologies to improve, increase or scale the impact of their work.

Today, digital technologies impact all facets of our lives. They help us achieve things faster, better and more efficiently. They connect us, they enable us, they empower us. It is not at all surprising that digital technologies are playing an ever-increasing role in connecting, enabling and empowering solutions in social innovation spaces.

In 2016, the selection criteria for the Tigo Digital Changemakers Award has been refined further to focus on areas that align with Tigo's business priorities, namely Digital Inclusion, Financial Inclusion, Business Entrepreneurship and Education. We can't wait to find the newest Digital Changemakers that this year's award will produce!

"Tigo is championing the internet and the powerful role of digital technology to advance people's lives both financially and socially. The Tigo Digital Changemakers Award is a wonderfully powerful story enabling us to not only help entrepreneurs to make their dreams reality, but to also help people bring about positive and sustainable differences to the lives of hundreds of thousands of children."

Cynthia Gordon,
Millicom Africa CEO

"Reach for Change has built a robust program that is able to find and scale social innovators across Africa. Our partnership with Tigo enables us to use digital technology as a key driver of social change. Together with Tigo, our Accelerators and Incubators have launched and grown financially sustainable social enterprises."

Amma Lartey,
Reach for Change Africa Regional
Director



OUR IMPACT

We know that Africa has a wealth of talented, devoted individuals who have incredible ideas to make a positive impact on children and their communities. We know this because for the past four years, we have been finding these individuals and empowering them to become high-impact, sustainable social entrepreneurs who have made Africa a better place for hundreds of thousands of children. We know from experience that when high-potential, creative problem solvers are linked with the right tools and support, their ability to create lasting change is limitless!

Of course, there is still much work to be done. Africa still faces many challenges in several areas, including maternal and newborn health-care, nutrition, education, social and child protection, disability and water, hygiene & sanitation. There are many social entrepreneurs out there, attempting to address these issues, but they often lack supports like funding, coaching and business advice to develop, test and scale their ideas. The support provided through the Accelerator and Incubator programs run by Reach for Change with Millicom provide this necessary support to the most promising social entrepreneurs

so that they can scale their ventures and create sustainable social impact for children.

Our Accelerator program takes social entrepreneurs from idea to action. They are helped to create a minimum viable product and test their theory of change and financial model. The Accelerator culminates in a pitch day and the strongest social entrepreneur with the best ideas will receive additional financial support and a place in the Incubator.

The goal of the Incubator is to take these organizations to scale. Social entrepreneurs in the Incubator receive a financial grant and support through 1:1 coaching, mentoring, workshops and toolkits and training in core areas such as financial management, communication, marketing, business modelling, legal and compliance and leadership.

In 2015, we are proud to have impacted **131** African social entrepreneurs; 89 in our Accelerator and 42 in our Incubator.

2015 Impact

1. Search & Selection



We received
1,355
 applications to the Tigo
 Digital Changemakers
 Award

That's **131** amazing social entrepreneurs supported through the Tigo Digital Changemakers Award!

2. Pre-incubation (Accelerator)



- 89 social entrepreneurs were supported through our Accelerator program
- 100% of all those interviewed felt they developed their approach to create positive social impact

3. Incubator



- We supported **42** amazing social entrepreneurs to improve communities & create a better world for children
- 45% of the social entrepreneurs have a focus on Education, 52% have a focus on Digital, 3% have a focus on Financial Inclusion.
- Gender distribution: 45% women, 48% men, 7% mixed (organizations led by both a man and a woman)

4. Tigo coworkers



67 coworkers
 were involved in supporting the Tigo Digital Changemakers Program by providing advisory, mentorship and technical expertise to the Changemakers to help them scale their ideas and support in the implementation of the competition

5. Impact on entrepreneurs



56% increased
 the number of children supported, on average tripling their results

6. Impact on children



146,854
 children supported,
 as a direct or indirect result of the activities of all social entrepreneurs in the TDC program. These children had increased opportunities to have their rights fulfilled in accordance with the UN Convention of the Rights of the Child

How Reach for Change measures impact

Reach for Change measures impact within three areas:

1 Our Incubator's impact on the development of the social enterprises

For the majority of these early-stage enterprises, the focus in 2015 was on:



- Proving that they achieve the desired social impact
- Tracking impact results: among Changemakers who were ready to start, 100% started monitoring outputs and 78% identified a relevant and measurable outcome indicator
- Finding a sustainable revenue model
- Among the enterprises that tried to find a promising revenue model, 53% were successful
- Identifying an efficient manner in which to scale their impact or equipping their organizations for further scale
- Among the enterprises that were ready to focus on scaling, 73% piloted models for scaling their impact

As a result of the Incubator program:

59%

of Changemakers expanded geographically

62%

gained more revenues, on average almost doubling their results

33%

of the ventures strengthened their management as well as key operational functions

41%

recruited more employees

48%

engaged more volunteers

2 Changemakers' impact on the children and communities that they support

Social entrepreneurs report quarterly on both their own organizational development (e.g. through growth indicators) and their impact on children (e.g. through outputs, outcome indicators and stories of impact). Each social entrepreneur additionally completes an annual social impact report capturing their progress development and key highlights from the year.

Case Study: Naomi and Yvette Kuseyo, Les Écoles du Coeur (ONGD Naomi) (School of the Heart), DR Congo



In 2014 it was estimated that 1.5 million children in DR Congo were out of school due to hospitalization. Changemakers Naomi and Yvette Kuseyo set up learning facilities inside hospitals in order to enable hospitalized children to continue their education. From the start they were able to collect success stories to demonstrate the impact of their work, while it was considerably more challenging to track it quantitatively. During their participation in the Incubator they have worked hard on clearly formulating their outcomes, identifying measurable indicators and systematizing their monitoring. In 2015, 1859 hospitalised children were supported, and, based on reports from the children's parents, as many as 70% of those who had dropped out of school resumed their education. Through tracking their social impact results, Naomi and Yvette have been able to prove the benefits of their program and gain the support of both hospital managers and the Prime Minister of DR Congo.

3 ROI Framework

We are in the early stages of piloting a Return on Investment (ROI) framework in Africa to identify and capture the business returns to Tigo as a result of these social investments.

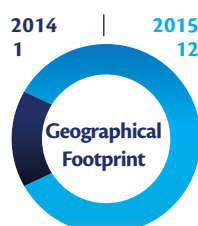
Meet our Digital Changemakers

For Millicom and Reach for Change, the rise of digital technologies is creating incredible opportunities for our social entrepreneurs around the world to increase their impact. Our Changemakers constantly inspire us with their spirit of entrepreneurship, their perseverance and their deep passion for the good of society and children. Below are a few examples of some of the great things our social entrepreneurs are doing across the region.



HAYFORD SIAW,
STREET LIBRARY, GHANA

Having grown up in Ghana, it was hard for Hayford not to notice the low-level of literacy and the many children that never have access to books or educational resources. Hayford decided to change this: his goal was to create an organisation that aimed to positively influence the education available to children in remote and disadvantaged communities. Today Hayford is the founder of Street Library, which brings mobile libraries to rural communities in order to promote literacy and educational curiosity among children. Although young, Hayford Siaw is an experienced social entrepreneur. Hayford has also successfully set up and managed ventures for vulnerable groups including orphans, the aged, children with autism and down syndrome, rural farming women and micro entrepreneurs through micro-finance and micro-leasing schemes.



Impact Results:

Hayford started Street Library with seed money of \$800 but has raised over \$600,000 since 2012 when he was selected as a Changemaker. Today, over 20,000 children have benefited from the services of Street Library across six regions of Ghana. They also have a Virtual Library which allows children to access more than 25 ebooks and audio books, all free to download thanks to generous donations from authors and illustrators around the world. The virtual library helps to bring books to even more children who would not otherwise have the opportunity to read and learn.

Street Library is now set to expand to three new countries: Liberia, Cameroon and Mozambique. The organization will also establish an online library that will put local stories in a digital format, accessible online with the support of Microsoft.

In 2015, Hayford impacted the lives of over 6,700 children, increased his geographical footprint to 12 more regions and increased the volunteers to his program from 80 to 133.

Meet our Digital Changemakers



**GASPARD TWAGIRAYEZU,
CREATION HILL, RWANDA**

In Rwanda, only 15% of secondary schools have science labs, and only 5% have specialized science and technology programs. Helping Rwandan children to realize that Science, Technology, Engineering and Math (STEM) is something they can do and enjoy is Gaspard's life goal and his organization Creation Hill is making that happen. Using trending technologies, fun experiments and technology-oriented games, Creation Hill is demystifying STEM principles for kids and providing them with a foundation to become future creators and innovators to help develop Rwanda's economy.

"We wanted to use trending technologies to help secondary school children understand that the today's technology is not magic," says Gaspard Twagirayezu, the founder of Creation Hill.

“We wanted them to believe that it is something they can do themselves.”

Through Tech Fairs, children are given a chance to build and interact with electronics, physical computing exercise and other exciting engineering projects.

Students who are particularly drawn to STEM get to continue the adventure through Creation Clubs, which meet at the end of the year for a week of fun, competitions and exploring the promise of science and technology to change communities. Gaspard is one of six Changemakers currently being supported by Tigo and Reach for Change in Rwanda.

Impact Results:

As a result of hard work, dedication and tailored support from Tigo Rwanda and Reach for Change, Creation Hill piqued the STEM-technology interests of over 800 children in 2015 alone! Gaspard also increased the number of volunteers in his program from 40 to 50 and expanded his work to four regions in Rwanda.

 **800** children
in 2015

 The number of volunteers increased
from **40** to **50** in 2015

Expanded his work to
FOUR regions in
Rwanda

Meet our Digital Changemakers



FARAJA NYALANDU, **SHULE DIRECT, TANZANIA**

Faraja Nyalandu is a lawyer turned social entrepreneur based in Dar es Salaam, Tanzania. Her university studies strengthened her passion to advocate for children's rights, quality education, women's empowerment and human rights in general. With more than a decade of experience in community development projects in urban and rural settings, Faraja

decided to set her sights on solving a grave problem in Tanzanian society. She founded Shule Direct – a technology-based solution for lack of educational resources in the very strained education system in Tanzania and across Africa. Her dream is to create a world where education is a right, not a privilege and where every child has access to quality education.

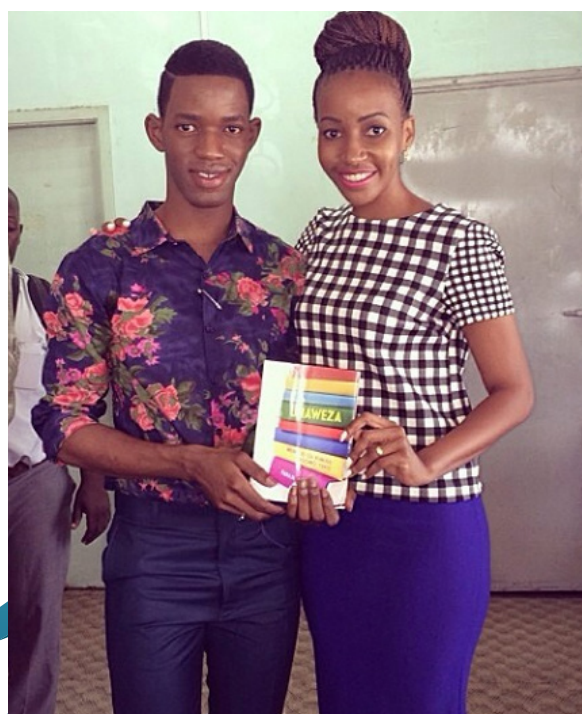
A total of seven in-house teachers were recruited to help with the growth of Shule Direct's content base. The teachers support with learning and revision content that covers 2,225 concepts taught across nine core Ordinary Level subjects, which are structured in the Tanzanian Educational Content Repository. As part of its content team, Shule Direct works closely with four dedicated reviewers from the Tanzania Institute of Education who ensure that the content is aligned to the National Syllabus and assure the quality of the subject matter.

In the second quarter of 2015, Shule Direct worked on its SMS platform called MAKINI SMS by doing technical development, technical integration, content development and putting operations plans in place to prepare for the platform's launch early 2016. The platform was tested with 200 users made up of students, teachers, parents and other stakeholders.

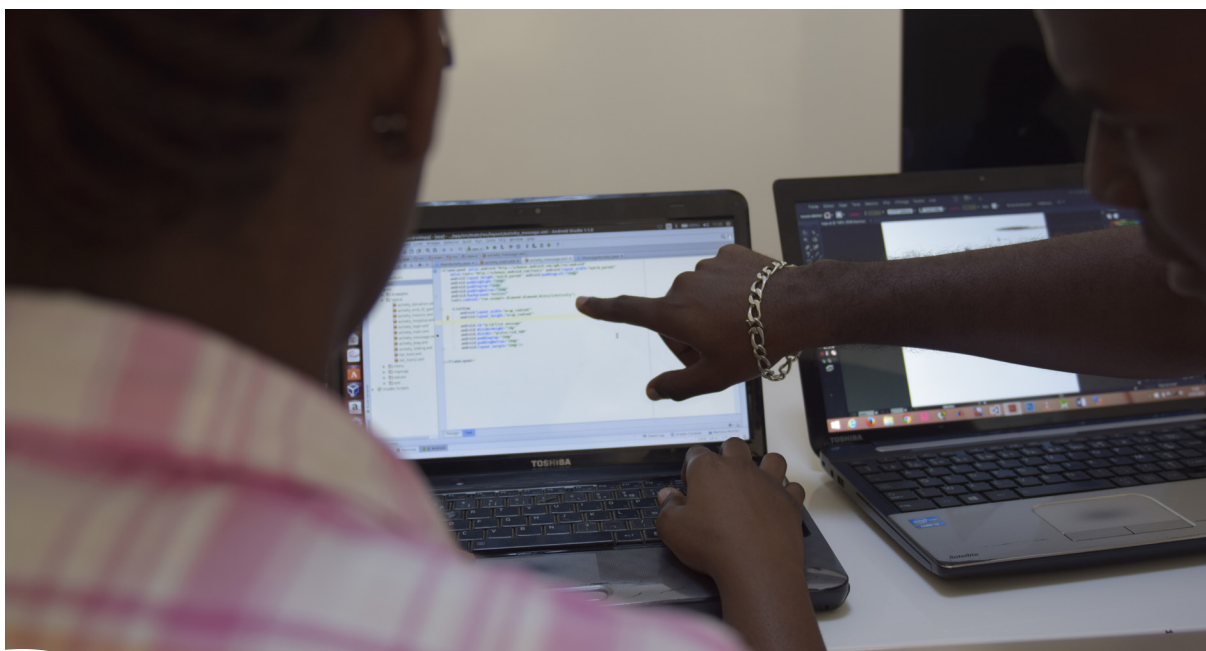
Impact Results:

In 2015, Shule Direct increased the number of children impacted from **8,600 in 2014 to more than 13,000 in 2015.**

Shule direct also registered over **48,000 users on their website** and had a 49.2% returning visitor's rate, as well as 12,840 subscribers.



Meet our Digital Changemakers



JEAN-LUC SEMEDO & EVELYN INES, HOPE, SENEGAL

Only 0.45% of Senegal's population gives blood when around 2% is required in order to make life saving transfusions. HOPE is a web and mobile application platform to promote blood donation, register blood donors and encourage them to donate through SMS and voice messages in French and in local languages.



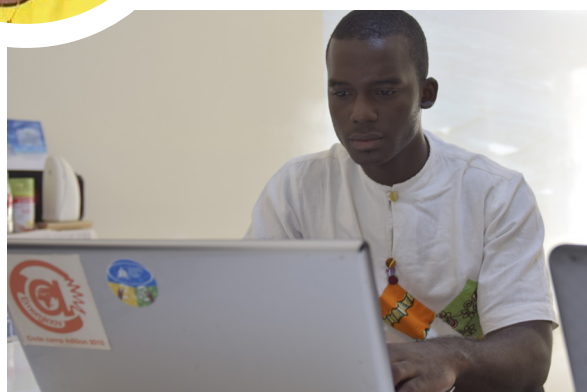
Jean-Luc and Evelyn were a part of the Accelerator program before winning the Tigo Digital Changemakers competition in December 2015 and gaining access to the Reach for Change Incubator. The Accelerator Program is a lead up to our Incubator program and is intended for passionate, driven social entrepreneurs with high-potential ideas who are not quite ready for the Incubator. Our Accelerator

connects them with advice, expertise and tools to grow their operations. The program is a maximum of six months long and includes coaching on business development, leadership and expansion strategy, training to build their business expertise and, if desired, a small grant.

Impact Results (Project is at pilot stage):

During the Accelerator program Jean-Luc and Evelyn developed prototypes to understand the willingness of donors to receive real time alerts for emergency situations when blood donations are needed, for instance, cases when patients need blood transfusions urgently. Out of the test, 94% of the donors responded as willing to receive SMS alerts to donate. Jean-Luc and Evelyn's plan to scale will involve using SMS as a platform to roll out their project across the country, which is where the partnership with Tigo will be key.

To date the pair has collaborated with all 19 blood banks in Senegal, including Precious Gift, an association of blood donors and the National Association of Blood Transfusions in Senegal.



Meet our Digital Changemakers



DIDIER LALAYE,
SMS LIFELINE, CHAD



Didier Lalaye, who runs the SMS Lifeline in Chad, is a great example of one of the many Tigo Digital Changemakers who have harnessed the power of digital technology to solve social problems.

Didier's digital innovation involves sending teams of technicians to deliver door-to-door bilharzia infection testing for children. Results are then sent to patients and families via SMS, which is especially valuable in children diagnosed with bilharzia so that they can start treatment as quickly as possible. For children found to have bilharzia, medical treatment regimens are also communicated via text message and medicines are delivered straight to patients' homes. An innovator to his core, Didier is constantly looking for ways to do more to address the issue of bilharzia. He is now exploring how technology can help him to connect with other organisations around the country, to share knowledge and experiences, and to enable him to share vital information and interact with parents and caregivers beyond the boundaries of physical health centres.

Impact Results:

Since being selected as a Tigo Digital Changemaker in 2014, Didier has partnered with Tigo to provide three toll-free hotlines that the public can use to access information about bilharzia and request for urine collection at home. He has scaled from one to three mobile labs and increased his support from N'Djamena to Mayo Kebi District and has run two campaigns in villages to spread awareness of the disease.

In 2015, more than 1,600 children were tested for bilharzia and more than 300 cases were treated. Through the awareness campaign more than 60,000 Chadians have been reached.



60,000 Chadians have been reached





Tigo Ghana transforms Street Library into Ghana's first Digital Mobile Library

In 2015 Tigo Ghana made a giant step towards digital inclusion for children in rural Ghana with the establishment of a mobile digital library for Street Library. The interior of the van is fitted with tables, chairs and laptops.

It also has additional tables, chairs and laptops which could be set outside the van to cater for more children. This innovation has taken the project a step further and digitized the books making it possible for the children to have a hands-on experience with computers, creating a digital experience for every community visited.

A total of **6,789 children** benefited from the reach of the E-Library on Wheels in 2015. Anoff, in the Eastern Region became the first community to benefit from the outreach of the

E-Library Van. A total of **4,360 children** who had never seen or touched an e-reader were exposed to the digital device. Besides Anoff, the van has also reached out to eight other communities in the Eastern Region. In addition, seven schools have benefited from the services of the van.





Tigo Rwanda donates Changemakers Hub to support social entrepreneurs



In 2015, Rwanda's Changemakers received a great resource from Tigo Rwanda: the Changemakers Hub at Tigo's headquarters in Kigali. The Changemakers Hub provides a space where Changemakers can come to work on their projects, hold meetings and collaborate together.

The Changemakers Hub has provided the social entrepreneurs we support in Rwanda with an amazing resource that allows them to concentrate on building their organizations, particularly when they are just starting out. Thanks to the Hub, Changemakers don't have to worry about access to office space – and the bills that come along with it – and can stay fully focused on their core objectives.

The Hub also helps to raise awareness about the Digital Changemakers program among Tigo staff, visitors to Tigo's headquarters and passers-by through the beautiful mural displayed on the windows of the Hub. This highlights Tigo's commitment to improving Rwanda for children through the prominent position of the Hub at the entrance of Tigo's headquarters – the Tigo Digital Changemakers program simply can't be missed!





The first inclusive Incubator in Senegal!



In early August 2015, an impressive jury of external experts including UNICEF, Ashoka, and ISM Business School chose 16 entrepreneurs to participate in the Reach for Change Accelerator program in Senegal. The Accelerator, which was the first in the region, helped the entrepreneurs to use design-thinking methodology to improve their solutions. Three of the Accelerator participants have disabilities, which also makes our collaboration in Senegal, the first inclusive Accelerator program in the region!

On the right is one of our social entrepreneurs, Lamine Thiobane, who is visually impaired. He was reading his presentation to the jury in braille, one of Senegal's local languages. Lamine runs a community radio service that provides an opportunity for disabled children in particular to express their opinions and share their stories.



Impacting future generations



Modesta Joseph, a young Tanzanian Digital Changemaker in the making



Apps & Girls is an organization founded by our Tanzanian Tigo Digital Changemaker, Carolyn Ekyarisiima. It brings ICT to young women through workshops, competitions, camps, coding clubs and more to help them discover that with the right skills, they can do anything they set their minds to. Besides empowering girls with ICT skills, Apps & Girls is one of the few organisations that inspires girls to become innovative social entrepreneurs and Changemakers in their communities. The girls are inspired not only to explore ICT as a career path but to use it as a tool for social change and to turn their big ideas in reality.

One of Apps & Girls star mentees is Modesta Joseph, a 15-year-old activist, who designed a website to help children report abuses they experience on public transport in Dar es Salaam. Modesta says she always wanted to get into activism, but it was Apps & Girls that gave her the tools she needed to create change.

“The first time I met Carolyn was in August 2014 when I joined Apps & Girls coding club in my school and I hardly knew how to code or use a computer,” Modesta says. “I

always wanted to do something to benefit my community but I did not know what, when and how I was going to do it. After attending just a few sessions, I created my own website to give a voice to students who are harassed and abused by bus conductors while using public transport in Dar es Salaam.”

Modesta’s website is called “Kilio Chetu,” meaning “Our Cries,” in Swahili. It is a platform where students can document harassment, abuse and other negative experiences they have while using public transport. All reported incidences are forwarded to Tanzania’s Surface and Marine Transport Regulatory Authority for further action.

In 2015, Modesta applied to the Innovation Fund competition held by TANZICT & COSTECH—innovation and ICT development hubs that provide support to strengthen ICT development in Tanzania. To Modesta’s surprise, she won the competition and was awarded 10 million shillings (an equivalent of US \$6000 at the time) for her project. She also won a pitch competition to attend the Slush conference in Finland. Slush is the focal point for startups and tech talent to meet with top-tier international investors, executives and media. She joined 15,000 tech entrepreneurs, changemakers and journalists in Helsinki and attended the UNESCO youth summit while in Finland.

“Today my idea has turned into a live website – www.ourcries.com – which has collected over 200 reports from students,” Modesta says with pride. “I was also shortlisted by Ashoka – a prestigious network of social entrepreneurs – to attend an event in Nairobi. Strengthened by my successes, I am now setting up my own organization to become self-employed. I feel I have found my way to contribute to my community through technology, thanks to Apps & Girls!”

For Carolyn, Modesta is just one example of the potential held within many young women — all they need are the right tools and training to tap into that potential.

“Modesta is not exceptional or special. There are many girls like her who can do this or even bigger than this!” Carolyn says. “Apps & Girls believe in empowering these girls not just with coding skills but so that they also become changemakers in their communities and use ICT and everything they are learning to address social issues in their communities and in their country.”

With training from the Tigo and Reach for Change Incubator in business development tailored specifically to social enterprises, Carolyn is carving out a path for Apps & Girls that will allow her impact the lives of tens of thousands of young women in the long term, bridging the ICT gender gap in Tanzania. Apps & Girls will continue to provide young women with opportunities to discover that ICT is something that they love, and it’s not just a field reserved for boys.

Tigo coworkers support & involvement

Coworkers from Tigo have been an integral part of the collaboration by providing advisory and business expertise to the Changemakers to help them scale their ideas. Besides advisory support, Tigo coworkers have been an instrumental part of the TDC award by creating and implementing the campaign, sharing their networks, supporting applicants, collecting and evaluating applications, and selecting new Changemakers every year.

MARKETING AND COMMUNICATIONS AROUND THE PROGRAM



**Olivier Prentout- Marketing Services
Manager, Tigo Tanzania**

Olivier has actively supported the marketing and communications around the Tigo Digital Changemakers Award in both Chad and Tanzania. He shared with us some of his experiences being a part of the program.

You have had the opportunity to support the Tigo Digital Changemakers in both Chad and Tanzania. What do you find most inspiring about the program?

The Tigo Digital Changemakers Award has proven to be a very effective platform giving a real chance to social entrepreneurs to fulfil their dreams and ambitions to change the life of children and communities in difficult situations.

How have you seen Marketing and Communications playing a major role in the success of the program?

Marketing has a major role to play in the success of the program. It is via a comprehensive marketing plan that you can recruit the best Changemakers and promote their activities. Without proper communication, the project will never have been able to kick off.

Which of our Changemakers projects (Chad and Tanzania) inspire you the most?

I have been close to the Changemakers especially in Chad and all of them have inspired me by their determination and courage to put in place their program/action in difficult environments. I was very close to Jean Toningar, probably

before he was one of the first Changemakers in Chad and we interacted a lot in helping marketing his product. Jean is on a mission to address a serious threat to children's health in Chad with an innovative solution for malnutrition. His organization ASSADEC produces award-winning cereal that parents can learn to make on their own, in order to prevent malnutrition among children in Chad.

Any comments on your experience working with Reach for Change?

I truly appreciated the professionalism of Reach for Change and their determination of making the project work. The team was always available for support and they maintain permanent contact with the Changemakers. It is great for a telecommunication company to have such a relationship.

What are some of the things you look forward to seeing in the future?

I truly look forward to see the social entrepreneurs realizing their dreams and bring their projects to life. I will be so delighted the day Tigo and Reach for Change could claim that they change the life of more than 10 million children across their operations.

How do you think Tigo can help to achieve this?

Tigo is leading in the digital lifestyle era in many of the countries it operates. I believe Tigo has the digital platform and the "know-how" to be a true partner to all Changemakers. Through its qualified staff and because of its innovation driven spirit, Tigo is definitively a true partner ensuring the success of the partnership between Reach for Change and the Changemakers. It also allows each of us at Tigo to be closer to the problems in the country we operate and to give all we have to see a brighter future for many children and disadvantaged population.

Tigo co-workers support & involvement

ADVISORY SUPPORT TO CHANGEMAKERS



**Dikisia Valentin - Backup
Administrator, Tigo Chad**

Dikisia is one of the Tigo Chad coworkers who provides advisory support to our Changemakers in Chad. He shared with us some of his experiences being a part of the program.

Which Changemaker do you support and how do you advise them?

The Changemaker I support is Mariam Mayoumbila. Mariam uses performance arts to address the issue of violence against children. Her method of teaching promotes self-expression to break the negative cycle of child violence and develop a culture of peace. I advise her on the planning and execution of her monthly, quarterly and annual program. I also help her in the practical execution of her program activities.

As an advisor, what have you found most inspiring about working with a Changemaker?

It all starts with a shared passion for children. Her passion

for children is evident in the way she talks about and cares for these children. We live in a time when it is imperative to monitor and guide the youth from a very young age. Our dedication to this program against violence in schools is not a matter of chance; together we are building a foundation for pacifism and mutual respect for this current and future generation.

What have you found most inspiring about the collaboration between Tigo and Reach for Change?

The collaboration between Tigo and Reach for Change is very inspiring. The perpetual search for Changemakers with promising ideas is a long term pledge to positive change and sustainable improvement. Money can only solve a problem in a limited area, but an idea can grow and solve problems beyond borders. This philosophy of finding a solution to a local problem and grow it to impact the whole world is the source of our fidelity to the collaboration between Tigo and Reach for Change.

Any other thoughts about your experience supporting Tigo Digital Changemakers?

We have learnt from this program that although money is important in any project, we can also make a positive change by simply contributing our knowledge and ideas.

Tigo co-workers support & involvement



Juda Semali won a regional competition for Tigo staff to celebrate the top contributors to the Tigo Digital Changemakers Award. Juda went above and beyond to find innovative ways to support a Changemaker in his country. The prize included a trip to Sweden to attend the C10 Conference, where Juda learned about social entrepreneurship and how he could drive more support for the Changemakers. We are very grateful for his support and the support of all Tigo coworkers across Africa.

Juda Semali with the Reach for Change CEO & Co-Founder Sara Damber at 2015 C10 Awards.

JUDA SEMALI, FLEET MANAGER, OPERATIONS, TIGO TANZANIA

Juda was our outstanding 2014 campaign contributor. He was selected for his idea on how to scale the work of Brenda Deborah Shuma - one of our Tanzanian non-digital Changemakers - who runs the Gabriella Children's Rehabilitation Centre, which offers education, therapy, skills-development, family support and advocacy for children with developmental disabilities. The centre helps Tanzanian children to reach their full potential in life, regardless of developmental challenges they may face.

Juda's idea was to use digital technology to scale Brenda's work. Brenda was actually involved in the selection of the ideas submitted by the coworkers for this competition and she liked Juda's idea the most. Below are a few words he shared with us concerning his experience with the Tigo Digital Changemakers Program.

What was the idea and solution that you came up with for Brenda Deborah Shuma?

The idea was on how she can incorporate digital technologies in her work to increase the quality and scale of her programs countrywide. This involved the following stages:

- How to use digital technology to create awareness in society so people can understand that neurological and cognitive impairments in children are not because of witchcraft activities.
- How to use mobile digital technology to get instant information on the whereabouts of children with impairments, so that she may set-up expert visits to the respective areas and finalize the identification process.
- How parents can be trained to identify early signs of autism by using interactive digital technology that would collect their feedback on their child's behaviour. This would speed up the process of identifying autism at an early stage in a child's development.
- How Brenda can use digital technology to provide training in vocational skills, self-care and life skills such as gardening and crafts, for both disabled and non-disabled children in her training centres and countrywide.

What do you find most inspiring about Brenda's work?

I was inspired by Brenda's commitment to identify and train children with neurological and cognitive impairments. In many cases these children are isolated, discriminated or stigmatized by the society.

Also, the work Brenda does requires a person with a kind, patient, hospitable and loving heart to be able to accept, live with and even train these children. I believe there are only a few people with Brenda's calibre who are ready to commit themselves to working with such a group in society.

What have you found most inspiring about the Tigo and Reach for Change Collaboration?

The most inspiring thing about the Tigo and Reach for Change collaboration is its success at recruiting, mentoring and developing entrepreneurs in Tanzania particularly those with the vision in the social sector especially in education and health sector.

What were some of your best experiences at the C10 Summit?

It was my first time to travel outside of Africa. And because of this, the C10 Summit is always celebrated in my heart. Without Tigo and Reach for Change, visiting Europe would have remained a dream of mine. I had the privilege to meet social entrepreneurs from different countries who are creating change in their societies.

I used to hear that some countries have a temperature below zero degrees centigrade. I visited Sweden when it was very cold (1 degree centigrade to 3 degrees centigrade during the day). During the night it could even be lower than 1 degree centigrade.

I enjoyed visiting many cultural and historical attractions including literary walking tours and festivals celebrating native people. I found Stockholm city to be beautiful as it's built alongside water streams and rivers. I also toured the world's largest spherical building, the Ericsson Globe arena and went up the tallest building (about 150m tall) using the glass globe and managed to view most parts of Stockholm. It was one of the most enjoyable, inspiring and memorable experiences of my life!

Our Changemakers across the continent

Chad



Jean Toningar - Association d'Appui pour le Développement Communautaire (ASSADEC)

Jean is on a mission to address a serious threat to children's health in Chad with an innovative solution for malnutrition. His organization ASSADEC produces award-winning cereal that parents can learn to make on their own, in order to prevent malnutrition among children in Chad.



Didier Lalaye - Association Tchad Plus (SMS Lifeline)

Didier is a medical doctor who has worked in one of the most renowned hospitals of N'Djamena. His organization, Association Tchad Plus (SMS Lifeline) works to combat the high prevalence of bilharzia in Chad by identifying the disease quickly through simple mobile testing units that use a mobile phone to test for the disease. He has set up mobile testing units in villages which are vulnerable to bilharzia and face shortages in health care facilities.



Mariam Mayoumbila - Kadja-Kossi

Mariam uses performance arts to address the issue of violence against children. Her method of teaching promotes self-expression to break the negative cycle of child violence and develop a culture of peace. Mariam decided to use her talent to address violence in schools using drama, traditional dances and sport to bring school children together and raise awareness about violence and teach them to resist it.



Adoumkidjim Naiban - Centre d'Éducation Spécialiser pour les Enfants (CESER)

Inspired by his niece, Adoumkidjim started working with children with disabilities when he noticed how isolated she was due to her mental disabilities. Adoumkidjim founded CESER - a centre that provides education to mentally disabled children, helping them to identify their strengths and to integrate into society.



Patricia Ronel Neldingar - Association pour le Développement des Technologies de l'Information et de la Communication (ADTIC)

After university, Patricia realized that national education levels were declining, especially at her old high school, which she visited regularly. Her solution was to create a mobile platform that allows parents to follow up on their child's development in school. This platform allows parents to be actively involved in their child's progress and keep the school and their children accountable.

Senegal



Alassane Ngom - Parc des Sciences et des Technologies

Alassane was selected in 2012 in the first Tigo-Reach for Change challenge in Senegal. He is working to create a culture of scientific interest in his region through a science park. Alassane also runs a science program out of numerous secondary and tertiary schools, which provides scientific training to teachers and students and establishes science clubs in schools. In 2016, Alassane will become an alumnus of Reach for Change - we look forward to watching his dream continue to grow!



Jean Luc Semedo and Evelyne Ines - Diambar Mobile / Diamond

Jean and Evelyne have developed a web and mobile application platform to promote blood donation by registering blood donors and encouraging them to donate. The duo has already partnered with 19 blood banks in Senegal, and they plan to scale using SMS as a platform to roll out their initiative across the country. Their platform will use SMS and voice messages in French and in local languages to reach as many people as possible.



Elisabeth Monteil - Cybercase

By addressing the need for internet connectivity in rural areas Elisabeth has found an solution that addresses social inclusion and education for children. Her "Cyberspaces" provide internet connection, laptops and computers in villages, as well as a place for trainings and access to information technology for young students and apprentices. A pilot has been successfully launched in Popenguine which employs 5 staff and has over 500 subscribers. Elisabeth plans to scale using existing spaces or buildings to house the Cyberspaces and engage local companies, schools and universities in the surrounding area who want to use the space and staff for trainings and workshops.

Our Changemakers across the continent

Democratic Republic of Congo



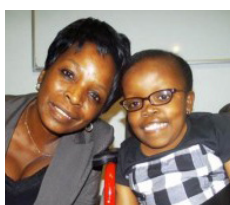
Sijis Dienga Dikete - Enfant Foot Développement (EFD)

Children from dysfunctional families, particularly from lower class families, are prone to fail at school, become street children, become pregnant at an early age or succumb to drug and alcohol abuse. Through football and other sports, EFD provides vulnerable children access to alternative, healthy lifestyles by creating a positive environment that taps into children's natural propensity for learning and allows them to develop new life skills that will break the cycle of dysfunction.



Patrick Kabangiro - PaluCheck

Patrick has created an innovative media mobile app, PaluCheck, that diagnoses malaria through infrared and internet technologies. This amazing innovation eliminates the need for blood samples or microscopes and allows health professionals to test patients quickly and effectively. With children being one of the most vulnerable groups to malaria, this initiative is helping to reduce the death rate of children infected with the illness through quick diagnoses.



Naomi and Yvette Kuseyo - Les Écoles du Coeur

Naomi and Yvette are on a mission to ensure that hospitalized children enjoy their right to education. An estimated that 7.3 million Congolese children are out of school, 20% of whom are hospitalized. Les Écoles du Coeur (Schools of the Heart) provide children in hospital with access to education to ensure that they do not fall behind and have the same opportunities as any other child. In 2015, Naomi was awarded by DR Congo's Prime Minister for her efforts in advocating for hospitalized children's rights and the government began exploring possibilities to integrate Écoles du Coeurs into its national curriculum!



Nhana Samba - NGO "Le Geste"

Deaf children in DR Congo often don't have access to proper education of professional studies, and they suffer from limited access to many social services. Nhana runs a training and integration program that allows deaf children to use digital tools for educational purposes. The program visits special schools for deaf children and provides software and tools that will allow them to fully use the internet, despite their impairment.



Noella Thindwa - Congolese Children for the Future

Noella works to improve the lives of teenage mothers in Matadi and Kinshasa and to help curb their chances of living a life of poverty. Congolese Children for the Future trains young single mothers on how to start and manage small businesses. The organization also runs a nursery with around 200 children, which allows their mothers to focus on their businesses, while providing children with quality education. Noella joins the Reach for Change Alumni program in 2016 and we know she will continue to do amazing work!

Rwanda



Jacques Kayisire - Dream Team Football Academy

Jacques runs a training program that helps young Rwandans between the ages of 4-20 keep fit, learn discipline and teamwork and build their self-esteem while promoting peace and unity through the power of football. In addition to football skills, the club also hosts ICT skills training program to empower the players with the knowledge they need to be successful in an increasingly technologically-driven economy. In 2016, Jacques will be joining a growing number of Reach for Change Alumni; and although he has completed the Incubator program, the Dream Team Football Academy will continue to impact the lives of Rwandan children.



Gaspard Twagirayezu - Creation Hill

In Rwanda, where only 15 per cent of secondary schools have science labs, and only five per cent have specialized technology programs, helping children to discover their abilities in Science, Technology, Engineering and Math is the driving force behind Gaspard Twagirayezu's organization, Creation Hill. Using trending technologies, fun experiments and technology-oriented games, Creation Hill is demystifying STEM principles for kids and providing them with a foundation to become future creators and innovators who will help develop Rwanda's economy down the road.

Our Changemakers across the continent

Rwanda



Martine Umulisa - Kaami Arts

Martine founded Kaami Arts, with a team of other artists with backgrounds in music, theatre, cinema, photography, dance to help address some of the most vulnerable children in Rwanda. Kaami Arts provides children with platforms for expression, creativity, problem solving, positive thinking, and confidence building, and helps them to use their artistic abilities to create social change.



Yves Iradukunda - Academic Bridge

Yves runs a program that empowers schools to efficiently collect and manage student's academic information, while making that information accessible to parents. His organization, Academic Bridge, provides a digital solution to schools that allows them to collect, process, manage data, share information and enable data-based decision making in education. His goal is to strengthen the education system in Rwanda, enabling parents to be fully involved in their children's education.



Dominique Uwase Alonga - Imagine We

Dominique is a young and activist who is using her organization, Imagine We, to create a vibrant reading culture among children in Rwanda. Imagine We organizes national read-a-thon events and is working to equip schools across the country with their own libraries. The read-a-thon program is implemented through an interactive, child-friendly website and mobile app that children use to enter the competition and to find interesting and fun reading materials.



Sam Zizinga - Cartoon Home Network

Sam is working to change the way that children learn, helping them to do better school. His Cartoon Home Network provides school-aged children with video simulations that provide practical demonstrations of the theory covered in the curriculum, to help them better retain concepts. Sam is currently building digital videos to support curriculum in all science courses in nursery, primary and secondary school levels.



Louis Ngabonziza - Empowering Children with Disabilities

In Rwanda, children with hearing impairments can be excluded from formal education and society at large, resulting in illiteracy, stigmatization in their communities and socio-economic marginalization as adults. Louis' organization Empowering Children with Disabilities is working to change this and to ensure that deaf children access the resources they need to succeed. By providing hearing impaired children and youth with formal education, technology and vocational skills, Louis is working to build a generation of confident, self-sufficient young Rwandans.

Tanzania



Innocent Sully - My Little Travelling Library

Lack of access to reading materials and the absence of a strong reading culture have resulted in a cycle of low literacy among children in Tanzania. Determined to change this, Innocent came up with My Little Travelling Library, an organization that is creating a network of mobile handcart libraries to bring books to children in rural areas. Through this work, Innocent is working to foster a reading culture among this generation of children, increasing literacy levels and independent learning in Tanzania.



Faraja Nyalandu - Shule Direct

Faraja Nyalandu is an advocate for children's rights, quality education, women's empowerment and human rights in general. She founded Schule Direct – a technology-based solution for teacher shortages in the very strained education system in Tanzania. Using a digital syllabus outline, text-based notes, revision questions, 3D science diagrams and quizzes and an interactive discussion forum with real-time feedback from teachers and peers, Schule Direct is enabling students to access a quality education, even when teachers may not be close by.



Joan Avit - GraphoGame

In Tanzania, just 1 in 3 Grade 3 students in Tanzania able to read a basic Kiswahili story. Joan Avit knew something needed to be done to address the country's literacy problem. Borrowing from a Finnish model, she developed GraphoGame Kiswahili to help Tanzanian students learn to read the country's most used language and, more importantly, to instill a love of learning among children from a young age.

Our Changemakers across the continent

Tanzania



Carolyn Ekyarsiima - Apps & Girls

As a university lecturer in computer sciences, Carolyn Ekyarsiima noticed a troubling pattern: the lack of young women in the classroom. From her own experience, Carolyn understood that girls simply didn't have opportunities to develop an interest in the field as boys. That's why she started Apps & Girls, a social enterprise that brings ICT to young women through workshops, competitions, camps, coding clubs and more to give them the kick-start they need to discover that with the right skills, they can do anything they set their minds to.



Leka Tingitana - EAFYA

Leka Tingitana is a tech specialist with a passion for creating digital solutions to problems in the health sector. Through his company LX Technological Solutions for Africa, Leka is developing a mobile communications platform EAFYA, to support the emerging network of Community Health Workers (CHWs) who are on the front-line in providing healthcare support to expectant and new mothers. This innovation will play a key role in reducing the number of infant deaths in Tanzania. Beginning 2015 he will be developing this initiative with the support of UNICEF experts.



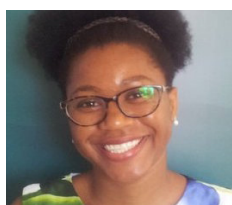
Brenda-Deborah Shuma - Gabriella Rehab Centre

With a background in Occupational Therapy, Brenda-Deborah is experienced with the needs of children with disabilities and autism and she has a deep understanding of their specialized needs. That is why she founded the Gabriella Children's Rehabilitation Centre, which offers education, therapy, skills-development, family support and advocacy for children with developmental disabilities all in one location. The centre helps Tanzanian children to reach their full potential in life, regardless of developmental challenges they may face.



Thadei Msumanje - TAREO

Thadei founded the Tanzania Rural Empowerment Organization – better known as TAREO – a social enterprise that brings ICT education to children, youth and their instructors in remote areas of Tanzania. "We focus on the people that others forget. People in poverty. People who face discrimination. People whose voices are ignored." Using this approach, TAREO is helping to educate and develop the ICT capacities of vulnerable young Tanzanians to increase their chances of employment and to give them the skills they need to address problems in their communities.



Neema Shosho - Afya Slices

Afya Slices uses digital tools to provide nutritional information targeting mothers, caretakers and health providers. With the aim of reducing the infant mortality rate and malnutrition among children up to five years old, Afya Slices platform aims provide information on how to use locally available & affordable food to improve child nutrition. Neema has developed different categories to enable parents and caretakers to retrieve information, based on the age of their child. Through mobile phones, users can enter specific codes that will provide them with appropriate nutritional information for the category they've selected.



Edward Simon Bihaga - Umoja wa wawezeshaji

Edward is an activist who is determined to eradicate child labour in Kigoma, Tanzania and beyond. Using his organization Umoja wa wawezeshaji, Edward is digitizing educational material about child labor to be disseminated via SMS to create awareness about on issue of child labor. His organization also plans to rescue enslaved children and empower their parents through socio-economic activities to reduce the risk of their children being pushed into forced labour again and to help vulnerable children access education.

Ghana



Susan Saaba - CRRECENT

No one knows better than Susan Sabaa just how much a second chance means. Working with former juvenile offenders, Susan's organization CRRECENT helps young people to integrate back into society and enables them to take the power over their lives back into their hands and set their own paths for a successful future. Through an extensive set of psychological, financial, educational, interpersonal supports CRRECENT has touched the lives of hundreds of youth, allowing them to press the reset button on their lives and aim for a brighter future. Susan will join our alumni program in 2016 and we are confident that she will continue to transform the lives of youth in Ghana!

Our Changemakers across the continent

Ghana



Felix Uzor – Felix Fitness Foundation

Concerned about the high rate of child and youth drownings in Ghana, Felix Uzor decided to use his fitness business as a way to save lives. Using education and advocacy efforts through the Felix Fitness Foundation, Felix has raised awareness about the risks of water activities and how to prevent drownings. He has also equipped hundreds of young people with water safety, rescue and CPR skills.



Hayford Siaw – Street Library

Hayford started out with nothing more than a car, some books and a big dream: to combat high illiteracy rates among Ghanaian children with a mobile library. Today, Street Library Ghana operates in thirteen communities across the county and has touched the lives of more than 5000 children. For Hayford, who also joins our Alumni program in 2016, this is just the beginning. Street Library will soon be rolling out services in Liberia, Mozambique and Cameroon to give the gift of literacy and knowledge to even more children.



James Kofi Annan – Challenging Heights

From the age of 6 to 16, James Kofi Annan was enslaved, starved, abused and forced to work in appalling conditions. After managing to escape and turning his life around, James was determined to prevent other children from experiencing the same thing. He founded Challenging Heights, an organization that rescues and rehabilitates children from slavery, identifies and educates vulnerable children and empowers youth and families to help prevent child trafficking.



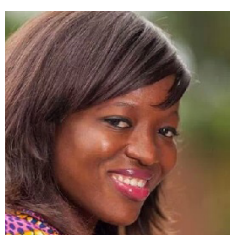
Peter Kwarteng – Neonatal Network Support System

In Ghana, where close to 5 percent of infants die before the age of one, Peter Kwarteng saw an opportunity to create change. After attending a training on neonatal care in Japan, Peter has brought back ideas back to Ghana to improve the chances of survival for vulnerable babies through education, institutional networking and financial support for critical emergency medical care.



Cecilia Fiaka – Nneka Youth Foundation

Cecilia Fiaka saw a problem in her home village and decided that she needed to step up to help children from having their childhoods cut short by teenage pregnancy, drug use and incomplete education. She founded the Nneka Youth Foundation and has touched the lives of thousands of Ghanaian kids through summer camps, tours, educational programs and career development, instilling a sense of self-worth and ambition that helps the youth to say no to drugs and underage sex and instead focus on their future goals and dreams.



Regina Agyare – Soronko Solutions

When Regina founded Soronko Solutions – an organization that brings STEM trainings and skills to rural children in Ghana – she knew that she needed to place a particular emphasis on girls, to ensure that her initiative wasn't simply replicating the norm in STEM education. In addition to teaching critical thinking skills and problem solving skills that will help children find job opportunities to improve their lives and enable them to contribute to developing their communities, Regina has also initiated a special Tech Needs Girls class that focuses on addressing the gender gap in ICT by connecting girls to female computer science and engineering pros who teach and inspire their young Ghanaian students.

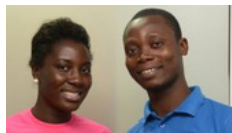


Lily Kudzro – Devio Arts Centre

A firm believer in the transformative and developmental potential of creative arts in children's lives, Lily Kudzro has made it her mission to help children find their artistic side through her non-profit startup, Devio Arts. Understanding the role that creative arts play in children's cognitive, social and emotional development, Lily is working to revitalize the arts in Ghana – as an extracurricular activity and in traditional classrooms – through community and school workshops, a mobile arts bus and by strengthening the ties between arts teachers across Ghana.

Our Changemakers across the continent

Ghana



Alice Amoako & Solomon Avemegah – Autism Ambassadors of Ghana

Alice and Solomon are working together on an autism awareness and emergency response service set to change the way Ghana and the world look at Autistic Care. They have developed an amazing app that will not only educate and inform but also give emergency response to caregivers of autistic children, who are often marginalized in society.



Sheila Osei Boakye – Literacy 4 Life

Literacy for Life is an organization that equips trainers of pupils with the skills required to lay a strong foundation for language and literacy. It also equips children with the ability to build a strong foundation for reading and literacy which is the vehicle for academic excellence.



Josephine Marie Godwyll – Young at Heart Gh

Josephine founded Young at Heart Gh to improve education in rural areas in Ghana. Her solution makes use of technology to improve the learning experience of children in rural schools by empowering them with basic computer skills, setting up ICT learning hubs equipped with computers and educational software and encouraging the use of these facilities for distant learning tutorials.



Israel A. Yeboah - Unilynq

Israel is using his organization Unilynq to eliminate the use of traditional student data storage in paper form while increasing the number of students passing their exam each year. Unilynq is a data storage system and an e-learning platform for students that keeps track of their academic data and helps students to enhance their learning. Unilynq is an online web application that can be used across various platforms including PCs and mobile devices.



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