SCALING FOR SUSTAINABILITY, EVOLVING METHODS AND MODELS
Acknowledgments

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**Design and layout**
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**Published by**
Office of Innovation
© United Nations Children’s Fund (UNICEF)
October 2019
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Introduction

Five years ago, UNICEF’s Global Innovation Centre (GIC) was just a set of ideas and many questions. How could innovative approaches and technologies make exponential differences in tackling development’s wicked problems... moving beyond proofs of concept and pilots, to scale? How might we respond to the rapidly increasing demand to help others adapt and adopt innovative solutions? How might we develop an experience- and evidence-informed practice of scaling innovation for children faster and farther... building UNICEF’s capacity and that of others? Who else could we partner with on this scaling journey? And how might we do all of this sustainably?

Five Founding Sponsors turned those enquiries into reality by seeding the GIC with their commitment, networks, governance and funding. We more than quadrupled their $3.75m in seed funding to raise more than $16 million to support the scale up of innovative solutions in 109 countries. We grew support from these 5 initial sponsors to collaborations with more than 500 global and local partners today.

Most importantly, more than 150 million children, young people and their communities have benefitted from the solutions in the GIC’s scale portfolio, thanks to their widespread adoption and adaptation by governments, partners and across the United Nations. These solutions have empowered young people to help their communities to prepare, respond and recover during emergencies, and strengthened systems and the results achieved by frontline workers across almost every sector in development.

Sustainability post-GIC is another critical indicator of our success. The GIC’s investment in packaging solutions for deployment, building capacity within UNICEF and partners, and generating rich sets of evidence-based resources has supported the successful exit of 5 solutions that are now mainstreamed into core programming. The better evidence of sustainable scaling is that post-exit, these solutions have continued to grow and evolve, benefitting from the full ownership, governance and resourcing by others, with little GIC input.

This final GIC report also reflects on the future and how what comes next is being fundamentally informed by the experience, evidence, evaluation and results achieved in the course of this five-year journey. With the benefit of two independent evaluations in 2018 and 2019, the experiences and lessons learned generated from the GIC are helping to shape the future strategic direction of the innovation function at UNICEF and its operationalization.

There is a saying, “If you want to go fast, go alone; if you want to go far, go together.” We aimed to go far faster, and have been privileged to take this journey with millions of others. We look forward to continuing the first steps on the next stage in UNICEF’s innovation journey, together.

Tanya Accone
UNICEF Office of Innovation
Maybe the Poor won’t always be with us. The GIC was invited to share its experiences and how our approach embraces solutions developed with local communities, not just for them.
How effective have we been at accelerating scale?

UNICEF’s Global Innovation Centre plays “an instrumental role in the achievement of scale and outcomes” and has demonstrated that its leadership role and innovation practices are “an effective approach to scale an innovation across geographies, sectors and use cases.”

– Evaluation of Innovation in UNICEF Work, 2019, case studies

UNICEF’s Global Innovation Centre plays “an instrumental role in the achievement of scale and outcomes” and has demonstrated that its leadership role and innovation practices are “an effective approach to scale an innovation across geographies, sectors and use cases.”

– Evaluation of Innovation in UNICEF Work, 2019, case studies
Sierra Leone has been a pioneer in using U-Report, the youth digital social accountability and empowerment platform, in emergencies. In 2017, U-Reporters provided some of the earliest available information about flooding and the subsequent landslides that killed hundreds. U-Reporters shaped the response in real-time by highlighting peoples’ biggest concerns -- fears over missing family members and how to access safe water – and were able to help communication with their communities about contaminated water and the delivery of clean water.

This was also the first time the platform was used to support a digital cash transfer, with the aim of adding value to its targeting, transparency and impact (pictured). An independent evaluation by the UK Government Department for International Development (DFID) found U-Report to be the most reliable source of information and the most valued service for the affected communities and the emergency response partners. The DFID evaluation recommended that U-Report be used in every emergency globally.

Since then, U-Report is increasingly being applied in emergency contexts. In Nigeria, U-Report 24/7 focuses on emergency preparedness, response and transition. In Côte d’Ivoire, young people themselves have extended the use of the platform even further, using U-Report to coordinate volunteer activities to help communities in need.

“I lost a total of seven family members. So many of us lost our homes, our families. It has caused the disintegration of our community... I was able to confirm I received my cash transfer through U-Report.”

- Daniel, U-Reporter, Sierra Leone
How we did in the words of independent evaluators

A number of independent evaluations in the past year have put the Global Innovation Centre (GIC) under scrutiny, examining its work across its lifespan as well as particular solutions in its scale portfolio.

The year-long, global Evaluation of Innovation in UNICEF Work was undertaken by Moore Stephen and Deloitte, and evaluated the GIC as part of its organizational assessment, synthesis report, and in deep-dive case studies into U-Report and RapidPro. The UK Government Department for International Development (DFID) also undertook an independent evaluation after the flooding disaster in Sierra Leone in 2018, which included a focus on U-Report. Here are a few of the independent observations.

About the GIC

“The support provided for bringing existing innovations to scale was particularly valued.”

- “Global Innovation Center continues to play an instrumental role in the achievement of scale and outcomes, through its role in supporting country offices and providing leadership for global product management and coordination.”

- “The GIC has demonstrated that its role in catalyzing and scaling innovation through hands-on support, disseminating learnings and providing global oversight is an effective approach to scale an innovation across diverse geographies, sectors and use cases.”

- “The GIC’s systematic, cross sectoral and global presence has allowed the GIC to recognize broader trends, opportunities and insights, and connect and share them across the organization. By identifying common needs across countries and pooling funding, the GIC has enabled the development of in-demand product features, preparing them for adoption by interested COs…”

- “The GIC was able to provide a more structured approach to curating, documenting, and disseminating knowledge and best practices. This includes many of the activities that were undertaken to catalyse the sharing of knowledge and expertise, and to disseminate learning and experience.”
About U-Report

→ “The GIC’s leadership and approach towards product development and management represents an effective approach to create demand-driven solutions for youth.”

→ “U-Report is a powerful tool that allows UNICEF and partners to directly achieve its strategic priorities, mission, and mandate, demonstrating measurable outcomes for UNICEF programming and youth beneficiaries.”

→ The GIC has played a key role in scaling up U-Report across UNICEF COs and reaching important milestones. Through the GIC’s support, U-Report has scaled to 50 countries reaching over 5.8 M youth since its launch, demonstrating the high demand and perceived value by COs. The GIC aims to reach 28 M youth by 2020.

→ “The GIC has played an important role in facilitating the growth of U-Report globally and addressing challenges facing COs throughout the innovation journey.”

→ The GIC has provided "product management and development; testing and iteratively refining strategic tools for CO’s to adopt and scale the tool; creating systems of support by consolidating and sharing learning knowledge and expertise; and enabling South-South cooperation and the sharing of resources by identifying and cultivating important private sector and civil society partnerships.”

DFID found U-Report to be the most reliable source of information and most valued service for the affected communities and emergency response partners in their review in Sierra Leone. The evaluation recommended the U-Report platform to be used in every emergency globally.

→ “U-Reports have been proven to be highly useful in engaging directly with populations in an emergency aid situation and should be used extensively in any future emergency scenario to provide information to affected populations.”

About RapidPro

→ “The GIC’s support of RapidPro was key to enabling its pathway to scale, including end-to-end strategy, scoping, and deployment and implementation support with COs and government partners; a full suite of technical assistance and capacity building (such as designing and delivering training); project management; product management and knowledge management, including contributing to the online resource and knowledge-base, and capturing use cases and learnings.”

→ "This "glocal," "invest once: multiple scale through impact" approach is a core part of the GIC value proposition. The GIC provided central management and coordination to assess opportunity, prioritize resources, develop and manage a roadmap, and ensure consistent quality and processes in a cost effective and efficient manner.”

→ “The GIC has played an important role in risk-sharing, as well as sharing or absorbing the financial burden of the innovation process… The GIC reduced the risk and cost of innovating by bearing the risk and financial burden of developing new product features. Through continual engagement with country offices, the GIC has been responsive to country office needs and able to move forward several innovative ideas quickly.”

→ “The GIC has been effective in working across different divisions within the organization both at the global and CO level.”
Where next?

UNICEF’s new innovation strategy focuses on how innovation delivers impact. Significantly, it pivots to focus on scaling innovation and the institutional talent and architecture to achieve this. This realizes the hope behind the Global Innovation Centre vision — which was that its focus on taking innovation to scale would build experience and capabilities within UNICEF and its partners, and produce insights and lessons to inform the next stage in UNICEF’s innovation journey.
HUMAN IMPACT

Designed by youth

We seize every opportunity to learn with and from others, especially young people. The process of redesigning the global U-Report website leveraged co-creation and listening sessions with young people in Brasil, Cote d’Ivoire, France, Tanzania and Ukraine, while also meeting with local partners and government officials to fully address the diverse audiences invested in U-Report. We explored the changing technology habits of young people, driving towards meeting them where they are via mobile apps such as Facebook and WhatsApp, yet led by content powered by the online hub that is our global websites.

“U-Report has changed my vision of the world,” said Elise, a U-Reporter in France. She captured her expectations for the U-Report website saying, “Facebook and social media should welcome you in, like our front yard, then visiting the website is walking into our home.” When we participate in high school learning programmes, the value is as much about what we can learn from adolescent’s perspectives, as what the students are aiming to learn from spending time with us.

“I think that innovation can mean anything from a small change that makes things better to something brand new, never done before,” observed Dagmar Coppens, a high schooler who spent time with the GIC in Bangkok as part of a work experience programme. “I got to see how innovation connects to all parts and types of work and how it helps children. One innovation project connects many parts of UNICEF, like partnerships and gender, the environment and even learning.” Read more about Dagmar’s experience here in ‘What I learned after my work experience at UNICEF’.

“I think that innovation can mean anything from a small change that makes things better to something brand new, never done before”

Dagmar Coppens
Thinking together

The expertise and unique experience honed by the GIC has greatest value when we collaborate with other thought leaders to share, synthesize and amplify reach of the resulting knowledge and insight.

Here are some of the results of this approach, which represent collaborations with various institutions, individuals, and multiple divisions and offices across all of UNICEF and the UN family.

**Biometrics and Children**
A literature review of current technologies, opportunities, and risks, prepared with the World Bank
*Upcoming publication*

**Faces, Fingerprints & Feet**
Guidance on assessing the value of including biometric technologies in UNICEF-supported programmes
*July 2019*

**Unleashing Innovation**
Case study in book about how to shape and scale a culture of innovation, by Scott Anthony, Paul Cobban, Natalie Painchaud and Andy Parker.
*Harvard Business Review Publishing September 2020*

**Scaling Innovation For Every Child**
A white paper capturing strategies and models learned from scaling innovation in 90 countries
*March 2019*

**Utilizing U-Report for Social Data to Strengthen Communication for Development (C4D)**
How social data collection and research opportunities with young people for C4D can utilize U-Report, with Harvard T.H. Chan School of Public Health
*Upcoming publication*

**Ethical Considerations When Using Social Media for Evidence Generation**
Benefits, risks, ethical considerations and tools when undertaking evidence generation using social media platforms and third-party data collected and analysed by social media services. Discussion paper and Research brief.
*2018*

**Citizen-Driven Measurement of the Sustainable Development Goals**
How can Perceptions Data measurement contribute to the 2030 Agenda for Sustainable Development
*April 2017*

**Changing the Narrative: Responsibility for Youth Engagement is a Two-Way Street**
Integrating diverse perspectives from across the health, development and innovation space and reframing youth engagement as a reciprocal responsibility
*Lancet Child & Adolescent Health Comment, August 2019*

**Initiatives with Impact: Unleashing Bottom-up Innovation in International Organizations**
Ten case studies highlighting social innovation driven by intrapreneurship within International Organizations
*October 2018*
Scaling UPSHIFT Good Practice Guide

The guide supports the adaptation and scale up of UPSHIFT in new countries, for transferable skills-building, empowerment, civic engagement and entrepreneurship with and for young people.

2019 upcoming publication

Ethical Considerations When Using Geospatial Technologies for Evidence Generation

Considerations and tools to support the ethical use of geospatial technologies including satellites and drones for development and humanitarian purposes.

Discussion paper and Research brief, 2018

Uses of U-Report as Tool to Improve Quality of Humanitarian Action

Guidance, good practice and case studies on using U-Report to improve Accountability to Affected Populations.

Upcoming publication 2019

Good and promising practices in South-South Cooperation for Children

10 good and promising practices, including one on innovation, demonstrate how different South-South Cooperation modalities have been used to implement programmes for children.

2018

Advancing children’s rights and well-being through South-South and Triangular Cooperation

South-South and Triangular Cooperation’s added value in expanding access to development tools, technology and innovations for children

2019

After Shock

An essay in this collection by the world’s foremost futurists reflecting on 50 years of Future Shock and the importance of innovative solutions in the next 50 years.

January 2020
What do tent designers, building engineers, sensor technology experts, materials designers, architects, local non-profits, and UNICEF have in common? The will to apply human-centred design together to tackle air pollution in Mongolia’s cities, where the health and wellbeing of hundreds of thousands of young people is being compromised. Over the last decade in the capital, Ulaanbaatar, cases of respiratory infections have nearly tripled and pneumonia is now the second leading cause of death for children under five years old. Children living in some districts were found to have 40 per cent lower lung function than children living in a rural area.

With UNICEF Mongolia, we have focused an innovative array of partners both international and local, on how we might take a new and different approach to improving the thermal performance of the traditional, tent-like ger dwellings, which house more than half the population, to reduce pollution and promote child and maternal health. The challenge was so compelling that it has brought together traditional competitors in the outdoor retail sector – Arc’teryx, Montcler, and the North Face – to find common ground as partners.

The results so far include the first thermal performance model of the ger along with one of the richest, sensor-based data sets; a set of validated strategies to improve ger insulation, and a number of tested prototype solutions for the floor, walls, door and roof.

The ambition of this 21st Century Ger initiative is for the widespread adoption and adaptation of the insights, strategies and physical solutions. GIC scaling expertise has been engaged from the very start, designing a pathway to help the future transition from pilot to scale. Bearing public sector innovation in mind, government partners have been closely involved, making it possible for findings to be adopted into policy development and action.
The solutions that we have supported to scale have dedicated product teams, ranging from a single person to teams of four or five. The need for a small team to deliver expert advice to help many solutions accelerate from their pilot phase and successfully transition to scale and beyond has been clear. UNICEF’s new innovation strategy emphasizes a pivot to scaling innovation, the year-long evaluation of innovation identified this need, and aligned with insights from exploring with others, and our own scaling experience.

Accelerate to Scale (A2S) has become that team, providing technical assistance – in deployment, business modeling, and evidence – to successfully transition innovations to sustainable scale and enhance UNICEF’s scaling capability throughout the organization.

**Accelerate to scale in action**

A2S supports the co-design of UNICEF’s innovation portfolio approach, one of the three management responses to the Evaluation of Innovation in UNICEF Work.

A2S supports the development of the Oky App to build foundations for scaling though diagnostic tools for hosting and deployment, and revenue model analysis. Oky is a mobile phone application for adolescent girls to manage their menstruation.

A2S supports the development of solutions and a solutions ecosystem to tackle air pollution, supporting the 21st Century Ger Initiative.

How might we develop a model of innovation-as-a-service? How might we accelerate the journey from promising pilot to scaled solution?
This initiative drives innovation-informed policy changes and creates a pathway to market and adoption for solutions that reduce air pollution.

A2S supports Primero CPIMS+ to successfully transition to Stage 5 Scaling by streamlining its deployment package and capacity building resources, and reviewing roll-out guidelines for field partners. Primero™ is a case management, incident monitoring and family tracing and reunification platform scaling in 23 countries.

A2S supports IoGT in transitioning from Stage 5 Scaling to Stage 6 Sustainable Scale through deployment diagnostics, deployment journeys for COs and business model analysis. IoGT provides life-saving information free of charge to 32 million cellphone users in 63 countries.

Kinds of advisory services

**Deployment**
- Deployment at scale strategies
- Deployment at scale artifacts: templates, tools, guidelines, roll-out toolkits for country offices and field partners
- Deployment cycles/journeys
- Streamlined and standardised deployment manuals
- Packaging of deployment resources

**Human Centred Design (HCD)**
- Support the application of HCD in programming
- Assist country offices with the development of HCD strategies, TORs for HCD LTA and application of HCD in the field

**Business Modelling**
- Value proposition analysis
- Cost and funding structure analysis
- Financial modeling
- Market/ opportunity research
- Comparative benchmark research

**Evidence**
- Design of robust methods to clearly evidence results and impact.
- Articulate clear monitoring and evaluation strategies for implementation science
- Identify and exploit opportunities for thought leadership
**HUMAN IMPACT**

**A lifeline for refugees**

Fatou Sanneh, 17, is from Gambia and now lives just outside of Palermo, Italy, where she arrived in 2016 after a long journey and a hard time spent in a detention centre in Libya. Fatou is one of an estimated 258 million migrants globally, but like any other teenager, her mobile phone is her lifeline.

To reach young migrants and refugees via their phones, we designed On the Move, applying what we’ve learned from U-Report. On The Move collects data allowing organizations to plan actionable responses with the final aim of improving the reception system. Unaccompanied and Separated Children join the platform to access information on their rights and tell us their situation in order to orientate UNICEF and partner programming. The platform enables them to speak out and be heard on matters of concern to them as they arrive in reception centres.

Fatou has become very involved in UNICEF projects for migrants and young people. As a U-Ambassador for U-Report, Fatou leads fellow migrants and refugees to report on their experiences and what they need to integrate in Sicily. Fatou, who speaks fluent Italian and English, often plays the role of translator so that nobody is left out.

Listen to the GlobalGoals podcast, ‘We are True Heroes’ – One Migrant’s Story

UNICEF is scaling On The Move to improve the response to the Venezuela crisis. Visit onthemove.ureport.in to find out more.

“Don’t look at us as migrants and refugees, look at us as any other adolescent.”

Fatou, 17, U-Ambassador for U-Report
U-Report

U-Report is a mobile empowerment programme that connects young people all over the world to information that will change their lives and influence decisions.

Young people live in a world of mass connectivity. Today’s evolving political, economic and social challenges make it increasingly difficult to implement structural reforms. Policymaking must therefore go beyond prescriptive statements regarding the future of children and young people by engaging directly with young people on the issues and services that directly affect them.

Phones today are a key medium through which young people express their opinions and perspectives on issues relevant to them as well as gain access to new information. U-Report is a mobile empowerment programme that connects young people all over the world to information that changes their lives and influences decisions. It works by gathering opinions and information from young people on topics they care about. U-Reporters respond to polls, report issues and support child rights. The data and insights are shared back with communities and connected to policy makers who make decisions that affect young people.

In the past year, two independent evaluations have recommended the universal global adoption of U-Report. A UK Government Department for International Development (DFID) evaluation recommended U-Report be used in every emergency globally.
As part of UNICEF’s Global Evaluation of Innovation, Deloitte undertook a detailed case study into U-Report and concluded that “U-Report is a powerful tool that allows UNICEF and partners to directly achieve its strategic priorities, mission, and mandate, demonstrating measurable outcomes for UNICEF programming and youth beneficiaries.”

U-Report is active in 65 countries, benefiting more than 8 million adolescents, young people and community members. U-Report is available via numerous messaging, social media and SMS channels, and even works on a basic mobile phone. It is free, anonymous and easy to use.
U-Report launches in Uganda with polling and real-time mapping of results, and the platform scales to 30,000 users. Second project launches in Zambia.

**Technology Development**

Real-time monitoring is now available, and U-Partners dashboard launches to facilitate 1-to-1 messaging.

**RapidPro Launches**

A transformative development for U-Report, RapidPro enables greater scalability, better data management, and development of more advanced modalities for communication.

**Launch**

- 2011
  - U-Report launches in Uganda with polling and real-time mapping of results, and the platform scales to 30,000 users. Second project launches in Zambia.

**Scaling**

- 2013

**1 Million, and then 2**

- 2015
  - With 18 countries active, the project passes 1 million U-Reporters worldwide. In 2016 the scale doubles to 2 million in 32 countries.

**Digital and Global Launch**

- 2016
  - In 2016, U-Report is now available on Facebook Messenger and Viber. This reduces costs while creating an opportunity for a worldwide footprint - satisfied by U-Report Global.

**Irma & Maria**

- 2017
  - U-Report supported emergency response during the devastating 2017 hurricane season, providing 25,000 people with trusted preparedness advice and directly answering 8,000 unique questions.

**On The Move & 24/7**

- 2019
  - 8 Million young people and communities are part of U-Report in 65 countries, supporting a diverse set of programme objectives, emergency response needs, and highlighting the views and experiences of adolescent and young people around the world.

**Number of U-Reporters**

- 2011: 30K
- 2013: 890K
- 2015: 1.6M
- 2016: 2.3M
- 2017: 3.6M
- 2019: 8 Million
Brazil

Youth unemployment is a top priority for young people in Brazil, where apprenticeships are a stepping stone to better jobs. U-Reporters’ opinions are being shared and shaping policymaking by the National Congress, about putting in place laws that guarantee the young people’s entry into the labour market, while ensuring that they continue to study.
**Nigeria**

In north-east Nigeria, U-Report 24x7 is humanitarian-focused and provides life-saving information on child protection, particularly assisting children affected by violence and responding to child sexual abuse. It also supports efforts to prevent disease outbreaks and deliver WASH and health services in IDP camps and host communities.

**Bangladesh**

U-Report focuses on promoting girls’ participation by developing gender-sensitive and inclusive communication and providing a safe, anonymous space for girls to share and discuss culturally sensitive issues. U-Report here reaches more than 80,000 young people, almost half of them girls (44%). While the gender gap in phone ownership is 33%, an intentional focus on girls’ participation means the gender gap is only 6% on U-Report Bangladesh.

**Ukraine**

Bullying is a problem in schools for 89% of young people; 38% of those being bullied had never told anyone until they told U-Report. As a result, education programmes have been modified to include enhanced teacher training and anti-bullying campaigns in schools.

**Thailand**

U-Report is helping improve youth-friendly mental health services with the Ministry of Health. U-Report is used to improve screening and referral services in hospitals and clinics, and to advocate for changing the law so under-18s can seek mental health professional services without parental consent.

**Mozambique**

SMS Biz/U-Report functions as a digital counselling service that empowers young people to seek advice on tough topics, such as early pregnancy, violence at home, and how to prevent HIV/ AIDS. This has become a vital lifeline to young people across the country. The text-based system allows young people to sign up anonymously on their cell phones, and seek answers from trained peer counsellors. It is 100% free and confidential.
HUMAN IMPACT

Empowerment & entrepreneurship

Sejnur Veshall is a young member of the Roma community of Prizren, a Kosovan municipality of about 100,000 people. The Roma community faces discrimination, and Roma girls and women are marginalized and often lack education and employment opportunities.

Veshall led a team called Golden Hands, designed to teach youth to create and sell traditional decorative plates. “We wanted to teach Roma women an artisanal craft, build their professional skills and help them turn this into a business,” he said. “What Golden Hands is trying to achieve is to make Roma women active in their community and change attitudes towards the Roma people through providing spaces for socialization between people of different backgrounds and communities.”

Veshall’s team organized workshops that included members of Roma and majority communities and today Golden Hands is a successful social enterprise.

“This initiative gave me an epithet of a leader, which frightened me so much at first – suddenly I was not just Sejnur, a random young person, but a leader of a young team who organized events for the community and worked for the betterment of our situation. With the mentorship that the UPSHIFT team gave me, I came to embrace the self-confidence that came with the leadership role.”

Sejnur Veshall
UPSHIFT

Skills for the 21st century

UPSHIFT is a youth social innovation and social entrepreneurship programme, designed to build skills and opportunities for young people who are disadvantaged, due to (for example) poverty, gender, disability or ethnicity.

The UPSHIFT programme combines social innovation skill-building, mentorship, incubation and seed funding, to equip young people with the skills and resources they need to identify problems in their own communities and design solutions for them. While young people build skills for life, employment and social entrepreneurship through UPSHIFT, their wider communities benefit from the solutions they create, creating sustainable peace, tolerance, and social cohesion.

UPSHIFT positively impacts the wider community through the indirect benefits of the solutions that young people design, as well as changing perceptions of young people as positive change agents, rather than a problem to be solved.

The main outcome measures relate to:
- 21st-century skills development
- Empowerment
- Civic engagement & social cohesion
- Entrepreneurship skills
UPSHIFT started in Kosovo 2014 and now has presence in 15 countries, with a further 20+ countries keen to pilot and adapt it into their context. As UPSHIFT scales, work is underway in a number of countries to embed the approach within formal and non-formal education systems.

UPSHIFT is part of the World Bank’s Solutions for Youth Employment Impact Portfolio. It is recognised by Generation Unlimited as a frontrunner solution and also formed the basis of the Generation Unlimited Youth Challenge, which has been developed and piloted in 16 countries in 2018/19.

**UPSHIFT only**
- Armenia
- India
- Italy
- Moldova
- Ukraine

**Youth Challenge first round**
- Brazil
- Hungary
- Kenya
- Pakistan
- Tanzania
- Thailand
- Zimbabwe

**Both**
- Kosovo
- Lebanon
- Montenegro
- Jordan
- Nicaragua
- North Macedonia
- Sudan
- Tajikistan
- Vietnam
- Sudan
- Tajikistan
- Vietnam
Sudan:
UPSHIFT started in 2018 in Sudan, with initial pilots combining life skills, social innovation, entrepreneurship and cash transfers; focusing on skills and enterprise development for young people on the move (in refugee or IDP communities).

North Macedonia:
The UPSHIFT pilots in North Macedonia are designed in partnership with the Ministry of Education, seeking to provide a blueprint to integrate UPSHIFT into the formal education system.

Tajikistan:
In Tajikistan, UPSHIFT is a government accredited non-formal education curriculum and is being delivered through Adolescent Innovation Labs, which are rapidly scaling across the country.

Vietnam:
UPSHIFT in Vietnam started with a focus on youth with disabilities, providing empowerment and skills for future employment.

Jordan:
Building on life skills programming, UPSHIFT in Jordan directly reached over 19,000 adolescents in 2018, delivering skills and empowerment to refugee and host communities.
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<thead>
<tr>
<th>Year</th>
<th>Events</th>
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<tbody>
<tr>
<td>2014</td>
<td>Initial UPSHIFT pilot in Kosovo</td>
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<tr>
<td>2015</td>
<td>Viet Nam starts to pilot UPSHIFT</td>
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<tr>
<td>2016</td>
<td>Montenegro, Jordan and Lebanon start to pilot UPSHIFT / youth social entrepreneurship</td>
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<tr>
<td>2017</td>
<td>• UPSHIFT selected for GIC Scale up portfolio</td>
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<td></td>
<td>• Tajikistan &amp; Moldova start to pilot UPSHIFT</td>
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<td></td>
<td>• 2 x co-creation workshops (one external in Vietnam, one internal in Kosovo with 20 different countries)</td>
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<td>2018</td>
<td>• Business modelling and internal capacity building</td>
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<td>• 6 new countries start to pilot UPSHIFT</td>
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<tr>
<td></td>
<td>• Generation Unlimited Youth Challenge launches in 16 countries</td>
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<td></td>
<td>• Capacity building workshop for 18 different countries from Latin and Central America</td>
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<tr>
<td>2019 (June)</td>
<td>• 2 new countries start UPSHIFT (India, Serbia) with 5 countries launching imminently</td>
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<tr>
<td></td>
<td>• First global winners of Generation Unlimited Youth Challenge announced</td>
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<td>• Capacity building workshop for 12 different countries from Eastern Europe and Central Asia</td>
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It all started with a simple, powerful idea: what if we gave young people the chance to lead?

What if we stopped telling younger generations what’s best for them and actually stopped to listen? We might discover that young people are the experts in their own lives and experiences. They know their biggest challenges. They have the ideas and talent to create solutions - if only we give them the chance.

The Generation Unlimited Youth Challenge diversified the UPSHIFT model of youth innovation and skills building. The challenge came to life with bustling events across 16 countries from Vietnam to Nicaragua. Team Muntjatna from Sudan, made up of Manara, Alfadel and Yassin, are one of the 5 global winning teams.

Team Muntjatna is creating an online platform to help displaced people in Sudan sell their handmade products internationally. The idea is to bring a new source of income to people who have been forced to flee from their homes and often end up working in brick kilns which harm their health. As global winners of the Youth Challenge, Muntjatna will receive funding to open a training centre for young women and grow their results in their community.

“We must invest in youth because we are the future. It will help young people to avoid crimes and to have more time for education instead of working full time. It will help business to grow and help the community because no one buys from the camp.”

Manara, 23
Digital Health

Strengthening health systems through digitally-enabled solutions

UNICEF envisions a world where the health and well-being of children is improved through digitally-enabled health systems in which digital health technologies are used to enhance the quality and reach of vital health information and services for the most disadvantaged children and their families.

Over the last five years, GIC’s collaboration with health sector specialists has been key for UNICEF to design, test, validate and scale a range of Digital Health solutions across 18 countries. These solutions range from birth notification; and stock notification and commodity management; to targeted client communication; and digital health record for tracking of patients’/clients’ health status and services. Significant contributions were achieved in the application of human-centred design to the demand for health services.

More than 85.8 million mothers, community health workers, vaccinators and health facility staff in 18 countries have benefited from digital health platforms and the communities they connect to the health system.
Significant achievements in the last 18 months of this work include:

- UNICEF’s [Approach to Digital Health](#) a global strategic framework that provides guidance and a roadmap to any country office wanting to implement elements of digital health programming into their work.

- [Designing Digital Interventions for Lasting Impact](#), a Human-Centred Guide to Digital Health Deployment

- Replicable and deployment-ready technical models such as the core RapidPro Health Modules along with consolidated lessons learned and case studies

The Digital Health portfolio was successfully transitioned out of the GIC and mainstreamed into UNICEF’s Programme Division (PD) in May 2019. The approach is now a part of health programming. A new Digital Health Team has been established in PD, along with a global Review Group, and new institutional arrangements and funding to support the expansion of this work.
Nicaragua

ToyContigo uses SMS to generate attitude and behaviour changes of pregnant and new mothers to improve prenatal and neonatal health outcomes.
Indonesia
Real-time performance data allowed for real-time progress and action to exceed targets for the country’s largest immunization campaign to reach 70 million children with MMR vaccine. [Read more]

Senegal
mInfoSante is a free, 2-way messaging tool which uses SMS technology to link the Ministry of Health and Social Welfare to health care providers and community health workers. [Read more]

Uganda
Uganda: mTrac connects more than 62,000 registered health workers from 4,431 health facilities and all district health offices to improve decentralized management capacity, identify disease outbreaks and service delivery bottlenecks as they occur, and strengthen citizen engagement and mutual accountability for results. [Read more]

Afghanistan
Interactive voice response and SMS supports frontline workers to identify unvaccinated children, address caregiver concerns, and address vaccination refusals in a polio campaign to reach 94.7 million children.

Indonesia
Real-time performance data allowed for real-time progress and action to exceed targets for the country’s largest immunization campaign to reach 70 million children with MMR vaccine. [Read more]
HUMAN IMPACT

Tapping into real-time information

Accelerating the delivery of WASH services in Zimbabwe

Rural communities in Zimbabwe can now more quickly report water, sanitation and hygiene (WASH) service deficiencies directly to government and obtain the services they need, thanks to UNICEF’s support to the Government of Zimbabwe’s national real-time monitoring systems and scale initiative.

By using the real-time information platform, RapidPro, rural communities are now empowered to communicate via SMS directly with government extension workers to report any faults in the local water and sanitation services.

In one 53,000-strong community, more than 1,100 community members reported on the functioning of WASH services, and 61 water pump mechanics, environmental health practitioners, and district school inspectors have been registered to respond to mechanical issues in the village.

This solution also helps to address the long lag time between the deterioration in community WASH infrastructure functionality and its reflection in national databases, as WASH extension workers no longer need to wait until visiting a site to record changes in the national database.

"The burden of scavenging for WASH data is a thing of the past as our stakeholders can now easily go online and access District WASH data... Most exciting is the ability of the system to be accessed on the go through smart phones.... The initiative has also rejuvenated the interest of communities in the management of their WASH services."

~ Fidres Manombe, CEO, Insiza’s Rural District Council
Internet of Good Things

Reaching 32 million people in 66 countries with free life-saving and life-improving information

Information access is a primary determinant of access to other human rights, as it enables people to make informed decisions regarding their health, parenting, finances and education. IoGT is a UNICEF-led initiative helping to bridge the digital divide and build knowledge societies by creating locally adapted, life-saving and life-improving content and ensuring this is available for free, including on low-end devices.

IoGT bridges the digital divide by enabling anyone with a mobile phone to make informed decisions. Its locally relevant content in 14 languages has proven to facilitate potential attitude and behaviour change. And because it is affordable and relevant to users, more than 32 million people have accessed the content.

The GIC together with UNICEF’s Eastern and Southern Africa Regional Office have supported IoGT since 2015 when there were only 3 sites. Some five years later, IoGT has been scaled to 66 countries and territories. Over 80 IoGT websites are available free of data charges thanks to world-wide direct distribution agreements with 91 mobile operators and via Free Basics by Facebook.

The GIC developed a standardized IoGT deployment package for UNICEF Country Offices and analysis of best-fit business models to support continued growth towards sustainable scale. In June 2019, IoGT was successfully transitioned out of the GIC scale portfolio and mainstreamed into UNICEF programming as a global Communication for Development tool.
Countries

Algeria (Ooredoo)
Angola (Unitel & Movice)
Antigua and Barbuda (Digicel)
Aruba (Digicel)
Bangladesh (Grameenphone & Robi)
Barbados (Digicel)
Belarus (Life)
Benin (MTN & Etisalat)
Bonaire (Digicel)
British Virgin Islands (Digicel)
Cambodia (Smart Axiata)
Cameroon (MTN)
Cape Verde (Unitel & CVMovel)
Chad (Digicel)
Congo (Airtel)
Côte D’ivoire (MTN)
Colombia (Tigo)
Curaçao (Digicel)
Democratic Republic of the Congo (Airtel & Vodacom)
Dominica (Digicel)
Gabon (Airtel)
Ghana (Airtel & Tigo)
Grenada (Digicel)
Guatemala (Tigo)
Guinea (Cellcom)
Guinea-Bissau (MTN)
Honduras (Tigo)
Indonesia (Indosat, XL Axiata)
Ireland (AsiaCell, Korek & Zain)
Jamaica (Digicel)
Jordan (Zain & Umniah)
Liberia (Orange)
Madagascar (Orange & Blueline)
Malawi (Airtel & TNM)
Maldives (Ooredoo)
Mauritania (Mauritel)
Mexico (Telcel & Virgin)
Mongolia (G-Mobile, Mobicom & Skytel)
Montserrat (Digicel)
Mozambique (Mcel)
Myanmar
Niger (Airtel)
Nigeria (Airtel & 9 Mobile)
Pakistan (Telenor & Zong)
Panama (Digicel)
Peru (Bitel & Entel)
Philippines (Globe & Smart)
Rwanda (Airtel & Tigo)
Saint Kitts and Nevis (Digicel)
Saint Vincent & the Grenadines (Digicel)
Senegal (Tigo)
Seychelles (Airtel)
South Africa (Cell C)
Sudan (Zain)

Suriname (Digicel)
Tanzania (Tigo, Airtel & Vodacom)
Thailand (DTAC & TrueMove)
Timor-Leste (Telkomcel)
Togo (Moov)
Turks and Caicos (Digicel)
Uganda (MYUG free WiFi)
Vanuatu (Telecom)
Zambia (Airtel & MTN)
Tanzania
More than 10 million Tanzanian mobile users accessed life-saving information on Ebola on IoGT through a public-private partnership between the Government of Tanzania, Push Mobile and UNICEF.

Cape Verde
Partnerships cover the country’s mobile network operators providing every person with access to even the most basic mobile phone information from health to healthy use of the internet.

Jamaica
Jamaica’s IoGT channel, All In, educates individuals about sex, sexually transmitted diseases, relationships, gender and love.

Belarus
Adults and young people alike access information about their rights as children and obligations and adults and parents.

Myanmar
IoGT provided post-conflict information on landmines and other Explosive Remnants of War in Myanmar since 2017, with more than 1.7 million users accessing the site since then.

Jamaica’s IoGT channel, All In, educates individuals about sex, sexually transmitted diseases, relationships, gender and love.
Global distribution partnership with Facebook to participate in the internet.org initiative as a content partner.

Launch of IoGT
- Multi-country alliance agreement with Airtel.
- First mass Information campaign in Tanzania on Ebola.

IoGT expanded from 3 to 20 countries with 1 million users accessing IoGT in a single month.

Transition to Scale
- IoG is available in 37 countries and made available in 14 languages.

Scale-Up
- First major direct-distribution agreements with mobile network operators SAFARICOM, UNITEL and TNM.
- 91 mobile operators support free access to IoGT via Free Basics by Facebook.
- IoGT is available in 66 countries and territories and has been accessed by 32 million people.

Mainstreaming
- Standardized deployment resource package is in place for Country Offices.
- IoGT successfully transitions out of the GIC and is mainstreamed into core C4D programming approaches.
HUMAN IMPACT

Access to information and opportunity

South Africa spends a bigger share of its gross domestic product on education than any other country in Africa. Yet performance levels are lower than in many other countries in eastern and southern Africa. Many children experience a broken journey through school, interrupted by irregular attendance, absent teachers, teenage pregnancy and school-related abuse and violence.

Nwabisa Mboniswa is a 20-year-old woman living in Khayalitsha, an impoverished area in Cape Town. Nwabisa was forced to leave high school at age 18, one year before graduating. Today Nwabisa keeps learning using Generation 2030 content on IoGT, which includes modules such as Act For Climate and The future is Yours.

"I wanted to continue my education but I did not how. I have discovered the [Internet of Good Things] and I was so happy, it is free and in South Africa the data is expensive!

After using the app, I have learnt how to take action. I want to become a social worker so that I can help the youngsters in my community to have a brighter future.

Nwabisa Mboniswa, IoGT user, South Africa
Biotechnology breakthroughs for last mile challenges

Game changers in diagnostics

The idea of focusing cutting edge biotechnology research and development on a new pregnancy test might not seem to make sense if you didn’t understand the context. Most women outside of the world’s richest countries don’t have access to common diagnostic tests. This is due to cost and because many existing tests are sensitive to changes in temperature and humidity and cannot be stored for extended periods of time under basic conditions.

That is why the GIC supports Rhodes University’s Biotechnology Research Group to undertake pioneering global work. The group is producing completely new biological materials for tests, known as aptamers. These new aptamers behave like the antibodies used in today’s diagnostic tests, but they are cheaper and last longer. These are highly accurate, low-cost, and resistant to temperature and humidity, making them easy to transport and store.
A smarter pregnancy test
A simple pregnancy test today can cost more than an entire day’s income for women in the poorest communities. This biotechnology breakthrough is expected to halve the cost of a pregnancy test in the future. It will also be accessible to more women, not only because it will be affordable, but because it will not be affected by storage conditions in remote areas.

The test will also be smarter. Not only will it tell you if you are pregnant, but also estimate how far the pregnancy is, and flag life-threatening conditions that require extra medical attention. The test can function as an early warning system for possible complications, raising a red flag for potential high-risk pregnancies, which can indicate whether the mother needs better or different care, especially with multiples. What’s more, it could be manufactured in local markets, instead of being imported as most diagnostic tests are today.

Diagnosing malaria and more
The World Health Organization estimates that 445,000 people died of malaria in 2016, most of them children in Africa, where malaria causes approximately 20 per cent of all child deaths. Most malaria cases on the continent are caused by Plasmodium falciparum (Pf), but globally, Plasmodium vivax (Pv) is the most widely occurring malaria parasite.
What does a scientist look like?

Globally, the proportion of female scientists and women working in technology is still much lower than that of men. According to UNESCO, globally, women worldwide pursuing careers in science are only 28 per cent. Numerous studies have found that women in STEM fields publish less, are paid less for their research and do not progress as far as men in their careers.

When Professor Janice Limson, Director of the Biotechnology Innovation Centre at Rhodes University met Tanya Accone, head of UNICEF’s GIC, they identified multiple opportunities in one. As two South Africa female leaders in the STEM field, they saw the chance to create innovations in biotechnology to save lives, as well as opportunities to encourage participation of young female scientists and promote more diversity in science and technology.

Khanysile Buthelezi is part of the diverse team to work on the initiative. A female postgraduate student on the biotech team, Buthelezi works on validating recent test breakthroughs, and agrees that representation is important. “I’ve faced challenges in the past,” she says. “I noticed when I first started in science there weren’t people who looked like me. It was hard because you can’t relate to a lot of what you see and I think that will be a challenge for a lot of young women.”

“It’s important to have more representation in any field because if you see someone who looks like you it gives you confidence to think ‘I can do that too,’” Buthelezi continues. [Read more]
The perception is that Pv does not occur in Africa because of its low historical incidence and the lack of affordable diagnostic tests. As a result, health systems don’t test, treat or report on it. But the reporting of Pv infection on the continent has increased as more tests have become available.

Knowing the type of malaria a patient has is a critical first step in providing the right treatment. Some drugs are more or less effective against specific species of the disease, and these two species in particular have different drug resistance patterns in differing geographic regions.

With this in mind, the team has developed a single malaria test that can distinguish between these two most common malaria species. Once available, the test will provide results while the patient waits, ensuring that children can get started on the right treatment immediately, and the health community can get better data to further the fight against this deadly disease.

The same approach has been applied to develop a test to provide information that can be used to improve the life expectancy of patients living with HIV. By counting the number of CD4-positive cells in the bloodstream, doctors can identify what type of HIV treatment is required and also monitor the progress of that treatment. While viral load monitoring (HIV RNA) is a preferred approach and a better predictor of HIV/AIDS progression than CD4 cell count, keeping track of these numbers can literally be a case of life and death.

These new types of test could revolutionise the way women and children are checked and treated for some of the world’s most life-threatening diseases.

**Media highlights**

- UNICEF, Rhodes Univ collaborate on HIV and Aids testing, SABC TV
- How A Single Rhodes Breakthrough Could Save Countless Lives And Turn College Labs Into Accelerators, SABLE Network
- A 3D-printed, solar-powered lab-in-a-box could change how we combat disease outbreaks, Quartz
- How African Researchers Are Checking Less Expensive, Faster Ways To Evaluate For Malaria, Pregnancy, HIV Success, Forbes
- Context is king when you’re innovating to save lives, TED
- Opening Pathways for Girls and Women in Science
RapidPro

Gathering accurate real-time information for children

Access to credible, real-time data is essential for UNICEF and partners to effectively deliver results for children. The ability to access credible, up-to-date information about the situation of children is key to improving their lives and protecting their rights. UNICEF, government and NGO partners use RapidPro, a free, open source software that allows users to easily build and scale mobile-based applications from anywhere in the world.

GIC leadership, expertise and investment were critical in scaling RapidPro from 9 countries in 2015 to 51 countries in 2018, including its application in digital health and youth engagement. The GIC investment in RapidPro continued to deliver dividends as it established a solid foundation, resources and processes for deployment at scale, as well as an enabling environment for UNICEF and partners to adapt RapidPro in a variety of settings and programme sectors.

The independent Evaluation of Innovation in UNICEF’s Work undertaken in 2018 and published in 2019, includes a case study on RapidPro observing:

“As one of UNICEF’s most widely deployed innovations, the RapidPro platform for real-time monitoring has been supported by many organizational architectures.

The GIC was instrumental in establishing the platform as an institutional tool. Launched in 2015, the GIC was responsible for leading the development and scale-up of RapidPro, including end-to-end strategy, scoping, and deployment and implementation support with COs and government partners. The GIC provided a full suite of technical assistance and capacity building (such as designing and delivering training); project management; product management and knowledge management, including contributing to the online resource and knowledge-base, and capturing use cases and learnings, which enabled COs to more easily adopt a RTM platform with reduced risk. The GIC supported the scale-up of RapidPro as a RTM solution in 36 countries and as a digital health solution in 18 countries, before a new architecture emerged that applied the learnings of the GIC’s experience, transforming to mainstream innovation support across multiple units in the organization.”

“Through use of an open source platform as the basis for RapidPro, as well as the GIC’s architecture and oversight, investments in one country have had the opportunity to benefit all users, leading to cost savings and enhanced usability and design, as well as supporting and encouraging South-South cooperation. This approach has decentralized the cost for users to access the features they need and also enable donors and governments investing in the technology to invest in a public good, rather than proprietary technology.

In June 2018, RapidPro was successfully transitioned out of the GIC scale portfolio and mainstreamed into the ICT function globally to continue to support its use across programming sectors. Of this mainstreaming, the evaluation notes,
RapidPro is launched as a digital public good, an open source real-time information platform. In 2015, RapidPro is included in the GIC scale portfolio. The GIC develops customizable deployment processes and toolkits, and supports 22 countries to adopt and adapt it.

In 2016, GIC provides expertise, field engagement and institutional support to scale-up RapidPro to reach 37 countries. The use cases for RapidPro multiply and the number of UNICEF countries using it grows to 53 countries across all regions.

In 2017, RapidPro is mainstreamed into ICTD to support real-time information needs across programming. In June, RapidPro is mainstreamed into ICTD to support real-time information needs across programming. The platform is identified and included in a development sector Global Digital Public Goods initiative.

“The National Real-time Monitoring Strengthening through Scale of RapidPro Initiative demonstrates an important new way that UNICEF divisions can collaborate and encourage scale for an important tool in the organization. The demonstration of this collaboration, and through dedicating resources for COs and coordinated technical assistance and quality assurance support to COs and ROs to adopt RapidPro, has been a key driver for additional scale and has created an important forum to ensure that all stakeholder groups are actively engaged. Although still new, this model represents a strong and replicable example as to how UNICEF divisions can collaborate to scale innovations... The organizational transition of RapidPro’s technical deployment support from the GIC to ICT Division has resulted in increased cohesion and collaboration across the organization, specifically between OI, FRG, PD, the ICT Division and EO.”

UNICEF’s new Innovation for Impact strategy identifies RapidPro as one of 8 global priority initiatives for scale up. UNICEF aims to scale up national real-time monitoring systems, such as the RapidPro platform, in 110 countries by 2021.
HUMAN IMPACT

Powered by partnerships

The lion, the mouse, and the power of partnerships with and for youth

In late 2016 UNICEF and the messaging platform Viber agreed on a partnership with U-Report. The partnership includes both free messaging – messages that are always free to the individual user, but are charged a cost for corporate use – and support for U-Report’s underlying software RapidPro to integrate Viber as a communication channel.

In addition to platform support and free messages, Viber and U-Report embarked on a mission to provide Viber users with a sticker pack build around messages of education, social activism, and driving community change. Viber Stickers are graphic images that can be sent to convey greetings, moods, or simple messages within a theme. The stickers often include a tagline to emphasize the graphic expression. With one billion Viber users in 193 countries, 30% of active Viber users send a sticker every day.

Through this partnership Viber users would get a sticker pack for free while being made aware of U-Report and the messages related to youth empowerment. The stickers and their taglines were co-created with thousands of young people via the U-Report platform and with U-Report partners, the World Association of Girl Guides and Girl Scouts.

Within 10 days of launch in May 2019, over 110,000 Viber users became U-Reporters, with 300,000 young people downloading the U-Report sticker pack. [Read more]

“I think that it’s really important young people have a voice. Because young people are the future generation of tomorrow and as technology advances so do the minds of the new.”

Fabien, U-Reporter
Scaling together

Innovation at scale means innovating together

We thank the governments, communities and ecosystems who collaborate with us to scale innovations across 90 countries. We are grateful to the organizations and individuals below, who have been inspired by this work and supported the scale-up of new approaches and solutions that have saved and improved the lives of millions of children and their communities.

**Founding partners**
- Government of the Republic of Korea
- Philips Foundation
- UNICEF Canada
- UNICEF UK
- UNICEF USA

**Development partners and collaborators**
- Bill and Melinda Gates Foundation (BMGF)
- Centres for Disease Control (CDC)
- European Civil Protection and Humanitarian Aid Operations (ECHO)
- GerHub
- Government of Belgium
- Government of the Netherlands
- International Federation of Red Cross and Red Crescent Societies (IFRC)
- International Telecommunication Union (ITU)
- Interparliamentary Union (IPU)
- Korea International Cooperation Agency (KOICA)
- REACH
- Joint United Nations Programme on HIV/AIDS (UNAIDS)
- United Nations Development Programme (UNDP)
- United Nations Population Fund (UNFPA)
- United Nations High Commissioner for Refugees (UNHCR)
- United Nations Office for the Coordination of Humanitarian Affairs (OCHA)
- UN Special Representative of the Secretary-General on Violence Against Children
- United Nations Volunteers (UNV)
- United States Agency for International Development (USAID)
- World Economic Forum (WEF)
- World Health Organization (WHO)
- World Food Programme (WFP)

**Private sector partners**
- Airtel
- Arm
- BPI Network
- GE Foundation
- Arc’teryx
- Atlassian Foundation
- Facebook
- Google

**Academia**
- Johns Hopkins University, USA
- Oxford University, UK
- Rhodes University, South Africa
- Tsinghua University, China
- University of Geneva, Switzerland
- University of Pennsylvania, USA

**UNICEF Goodwill Ambassadors**
- David Beckham
- Ewan McGregor
- Liam Neeson
- Orlando Bloom

**High-profile individuals**
- Amie Kouamé
- Dmytro Shurov
- Edith Brou
- Jean Jean Roosevelt
- Jean Michel Onin
- Kadi Tanou
- Maman Choco (Ms. Bah)
- Pachara Chirathivat
- Peachie
- Prochain Saharath
- Sephora Kodjo
- The musical group TNT
- Sunbeary
- The musical group TNT

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