About Global Innovation Exchange

Global Innovation Exchange (GIE) is a global development technology platform for innovations, funding and insights. GIE’s mission is to help scale the most promising innovations by utilizing its ever-growing database of information to serve as (i) a reliable fundraising resource for social entrepreneurs in low- and middle-income countries, as well as (ii) a source of credible innovation data for the international development community including funders, scaling partners and other ecosystem players.
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An Introduction: 
Understanding the Data on 
Global Innovation Exchange
A Global Development Innovation Database

The Largest, Open Database Across Sectors & Geographies

As of June 28, 2019, Global Innovation Exchange (GIE) has 11,000+ innovations on its platform. Innovations on GIE spans across 13 sectors and 24 cross-cutting topics in 137+ low- and- middle-income countries (LMICs). These innovations can be filtered by these focus areas and countries as well as other filters such as Stage.

Data Quality with Crowdsourced Due Diligence

45%+ of innovations on GIE have Verified Milestones - what does this mean?

Innovation profiles on GIE are managed by the innovators behind them. They can add Milestones that the innovation has achieved since they launched to show the growth trajectory of the particular innovation.

Some of these Milestones, can be Verified indicating that information is either provided or approved by GIE in partnership with our Data Champions who contribute their validation of specific innovations to GIE.

Pictured above: A Verified Funds Raised Milestone for Be_Girl from June 2018 (of $187,500) from Grand Challenges Canada as part of 'Transition to Scale'.

In summary, these Verified Milestones for these ~45% of the innovations serve as crowdsourced due diligence to help surface up the most promising innovations on GIE.

EXPLORE INNOVATIONS ON GIE

The insights in this report are based on GIE’s database as of May 27, 2019 and represents 10,899 innovations.
Thank You to Our Data Champions

What is a Data Champion?

GIE's Data Champions are funding or other innovation support agencies showcasing their "Verified" support of innovations on GIE. They each follow a simple process to add their portfolio to GIE and introduce the entrepreneurs to GIE to keep their innovation profiles up-to-date. This allows Data Champions to join this global mapping of innovations and track the progress of their innovations beyond the funding period.

GIE’s Founding Champions Include:

There are nearly 50 GIE Data Champions that provide innovation support of various types, sizes and focus areas such as:

- Innovation Funders
- Accelerators
- Local Players
- Thematic Experts
- Other Platforms

Contact GIE about becoming a Data Champion
USAID's Feed the Future (FtF), a GIE Data Champion, not only showcases their innovations on GIE but also has a dedicated site powered by GIE Custom about their innovations. Their site, Feed the Future Innovation Exchange aims to accelerate uptake of these innovations by connecting them with partners in the field.

FtF is hosted on a GIE Custom site - websites for global development innovation programs that are integrated with GIE - and uses GIE's innovation profiles to showcase transfer-ready agricultural innovations supported by Feed the Future.

Innovation profiles on Feed the Future Innovation Exchange help the FtF supported researchers share their accomplishments and milestones, making it easier to tell the innovation's story and progress to date while fundraising and securing other support to scale its impact. For e.g, see the profile for Training approach to strengthen detection of public & private good animal diseases that showcases an impressive milestone of its implementation partnership with the UN's Food and Agriculture Organization.
Response Innovation Lab (RIL), a humanitarian ecosystem supporter, uses GIE to map local innovation ecosystems and discover new innovations.

GIE has helped RIL expand their network and quickly dig deeper into their local community. GIE has even been integrated into RIL’s orientation guide as an online resource to get up-to-speed with what is happening in the local context.

“In every solution package that I’ve worked on, I’ve used GIE. It is the first place I go when a Humanitarian Matchmaker application lands in my inbox.”

- Catherine Green, Global Program Director, RIL

RIL supports innovation on-the-ground in humanitarian contexts, adding real-time problem solving to large-scale humanitarian challenges.
GIE’s **Funding Directory** is a centralized place where social entrepreneurs can quickly and easily browse through funding opportunities.

Funding opportunities on GIE spans across **13 sectors and 24 cross-cutting topics** in 137+ low- and- middle-income countries (LMICs). Funding can be filtered by these Focus Areas and countries as well as various other filters such as Funding Type and Stage.

**The Largest and Rapidly Growing Funding Database**

As of June 28, 2019, Global Innovation Exchange (GIE) has nearly **1,200 funding opportunities for global development innovations** for a cumulative more than USD 1 Billion. This reflects a **105%+ increase in the cumulative amount of funding** and a 57%+ increase in total funding opportunities since Dec 2018.

**DISCOVER FUNDING OPPORTUNITIES ON GIE**

The insights in this report are based on GIE’s database as of May 27, 2019 and represent **1,040 funding opportunities**.
Mama Maji uses GIE to discover new funding (2-5 monthly), saving time spent on fundraising which has improved operational efficiency.

Successes from using GIE:

💰 €5,000 seed funding secured
⏰ 9.5+ hours saved per opportunity on average
🚀 40% increase in operational capacity
🌟 Exhibited at the UN’s Science Technology & Innovation Forum

“The secret to GIE’s usability is in their search engine. In the first two days of using Global Innovation Exchange, I found more opportunities than I had in the previous six months of research on other sites.”

Sydney Gray,
Co-founder, Mama Maji

READ THE FULL STORY HERE

Mama Maji provides women in Kenyan communities with the skills, technology, and business plans necessary to expand access to water while increasing their incomes.
Case Study: Innovation Meets Opportunity

The UN used GIE to run a global competition bringing 11 social innovations to the UN, and new opportunities for 350+ applicants

What: The UN’s global competition was hosted on a GIE Custom site and used GIE’s innovation profiles as applications for the call. GIE selected a shortlist of 35 innovations based on their GIE innovation profiles. From this shortlist, the UN selected the 11 winning innovations.

Outcome: 11 social innovations were featured at the Science, Technology & Innovation Forum (STI Forum) in May 2019 at the UN HQ in NYC. All 350+ applicants were featured on GIE automatically, 60% of which already had profiles on GIE, making this an easy and quick application for them.

“This was the easiest application of my life!”
- Matthew Goldberg, Manager, Fundraising and Humanitarian Assistance at BioLite

READ THE FULL STORY HERE
Insights Across Focus Areas

Focus Areas on GIE are comprised of **13 Sectors** such as Health, Education and Agriculture as well as **24 cross-cutting Topics** such as Technology, Inclusion and Disability. Each of the 13 Sectors also have **Sub-Sectors** such as Literacy (Education) and Post Harvest (Agriculture).

One innovation or funding opportunity can have multiple Focus Areas.
Despite being the lowest ranked, Transport & Supply Chain, saw the biggest increase nearly doubling the no. of innovations. Democracy, Human Rights & Governance as well as Economic Growth & Trade also saw a large increase in innovations of 60%. WASH saw the lowest increase. Most ranks stayed steady with the exception of Gender which rose 2 ranks to #6, Democracy, Human Rights, & Governance which rose 1, and 3 Sectors (Energy, Humanitarian and WASH) that dropped 1.
Sub-Sectors under Health, Education and Agriculture (top 3 Sectors) make up 7 of the top 10 Sub-Sectors - 3 for Health, 2 each for Education and Agriculture. The other 3 are Entrepreneurship (Economic, Growth & Trade), Economic Empowerment (Gender) and Waste Management (Environment).

**INNOVATION SPOTLIGHT:**

**BEMPU TempWatch**, focuses on Maternal Newborn and Child Health, one of the top 10 Sub-Sectors.

Bempu is implemented in 4 countries and has Verified funding of $1.5M+ from multiple organizations.

SEE THE BEMPU INNOVATION PROFILE ON GIE
The distribution of innovations across Topics is wide with the lowest at 10 for AR/VR. Broadening the search to keywords used in the profile reveals more innovations. E.g. CURE, creating a virtual reality therapy platform, is an AR/VR innovation but isn’t tagged as such since they are currently focused on prosthetic hands.

### Innovations by Top 10 Topics

<table>
<thead>
<tr>
<th>Topic</th>
<th>Innovations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technology</td>
<td>1088</td>
</tr>
<tr>
<td>Social and Behavior Change</td>
<td>891</td>
</tr>
<tr>
<td>Human Centered Design</td>
<td>615</td>
</tr>
<tr>
<td>Monitoring &amp; Evaluation</td>
<td>509</td>
</tr>
<tr>
<td>Digital Development</td>
<td>498</td>
</tr>
<tr>
<td>Digital Inclusion &amp; Connectivity</td>
<td>432</td>
</tr>
<tr>
<td>Public-Private Partnerships</td>
<td>288</td>
</tr>
<tr>
<td>Data/Analytics</td>
<td>281</td>
</tr>
<tr>
<td>Digital Finance</td>
<td>231</td>
</tr>
<tr>
<td>Finance</td>
<td>216</td>
</tr>
</tbody>
</table>

Eneza utilizes 3 of the Top 10 Topics (Technology, Human Centered Design and Data/Analytics), and other top focus areas like Education. It is a Stage 4: Transition to Scale innovation, in 3 countries and raised $35,000 from MIT SOLVE in September 2018.
Funding opportunities on GIE are well distributed across all 13 sectors ranging from 91 to 379 opportunities. Health; Democracy, Human Rights & Governance; and Education are the top 1-3 sectors. Gender; Agriculture; Economic Growth & Trade; and Environment are all nearly tied for 4th place.

Both Gender and Democracy, Human Rights & Governance moved up 2 ranks, with both also on the top 3 list of Sectors to see an increase in the no. of funding opportunities. Environment saw the largest increase but moved up only 1 rank (only 1 funding opportunity away from moving up 2 ranks). Education lost its #2 rank.
Focus Areas: Funding by Sub-Sectors

Sub-Sectors under the top 2 Sectors, Health and Democracy, Human Rights and Governance, make up 6 of the top 10 Sub-Sectors - with 2 of these under Health and 4 under Democracy, Human Rights & Governance. The remaining 4 are 1 Sub-Sector each under Gender, Environment, and Economic Growth & Trade.

MOST VIEWED FUNDING OPPORTUNITIES IN 2018

In 2018, GIE added 456 new funding opportunities. These included opportunities from more than 370 programs or organizations, with an average size of $530,000.

We looked at the funding pages that received the most views, identifying the top 10.

SEE GIE’S 2018 TOP 10 FUNDING OPPORTUNITIES
Out of the full list of 24 Topics under Focus Areas, only a few have notable no. of funding opportunities on GIE. Majority have under 25.

If we looked at all Focus Areas together including Sectors & Topics, none of the Topics would make it to Top 10. The top Topic, Technology, is tied with Housing and Infrastructure & surpasses only Transport and Supply Chains.

These cross-cutting Topics are “how” the innovation makes the impact and funding opportunities often focus on Sectors-what the impact area is.
Insights Across Geographies

Geographic distribution on GIE spans 6 regions (Africa; Asia and Pacific; Europe and Eurasia; Latin America / Caribbean; North America; and Middle East and North Africa) and the corresponding countries within each.

Insights here look at where the innovations are implemented in and making an impact, focusing only on low- and- middle-income countries (LMICs).
India has the largest number of innovations on GIE with Kenya coming a close second. There is a wide, nearly 49.2% difference, between Kenya and the third country on the list, Uganda.

6 of the top 10 countries with the most innovations on GIE are countries from Africa and the other 4 are from Asia and Pacific.

Compared to the previous report (Oct 2018), the top 5 countries remained as is. Bangladesh, Ghana, Pakistan were still a part of the top 10 list in Oct '18, yet had a different order of Ghana, Pakistan, Bangladesh.
The two most popular regions with funding opportunities on GIE are Africa and Asia and Pacific, making up 60% of the opportunities.

9 of the top 10 countries with the most funding opportunities are in Africa. The only exception is India.

Across the 26 LMICs in Latin America and Caribbean (LAC) and 21 in Europe & Eurasia, none make it to the list of the 50 countries with the most funding opportunities.

Out of the 14 in Middle East and North Africa (MENA), Egypt is the 1st country to make the list #35. Expanding this to the top 50 countries, moves 3 more countries from MENA to the list.

Do you have a funding opportunity for innovations? Suggest the funding here.
Compared to the Top 10 list in the previous report (Oct 2018), India, the only country on the top 10 list that is not in the African region, saw a rank decrease from #2 to #5. Other changes from the Oct 2018 report include:

- Nigeria: 2 rank increase from #5
- Ghana: 1 rank decrease from #6
- Mozambique: 3 rank increase from #9
- Indonesia and Zambia: Left the top 10 list
- Malawi and Ethiopia: Entered the top 10 list

<table>
<thead>
<tr>
<th>Current Ranking</th>
<th>Oct 2018 Ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Kenya</td>
</tr>
<tr>
<td>2</td>
<td>Tanzania</td>
</tr>
<tr>
<td>3</td>
<td>Nigeria</td>
</tr>
<tr>
<td>4</td>
<td>Uganda</td>
</tr>
<tr>
<td>5</td>
<td>India</td>
</tr>
<tr>
<td>6</td>
<td>Mozambique</td>
</tr>
<tr>
<td>7</td>
<td>Ghana</td>
</tr>
<tr>
<td>8</td>
<td>Rwanda</td>
</tr>
<tr>
<td>9</td>
<td>Malawi</td>
</tr>
<tr>
<td>10</td>
<td>Ethiopia</td>
</tr>
</tbody>
</table>

GIE’s Funding Directory allows you to quickly & easily browse through new funding opportunities.

This step-by-step 2-part guide shows you how to use GIE to discover new funding that is a good fit for your specific global development social innovations.

LEARN HOW TO DISCOVER FUNDING ON GIE
Innovation ecosystems thrive when there are innovations as well as funding, organizations and programs supporting those innovations. This index is created by aggregating all these elements to serve as high-level comparison for countries with the strongest innovation ecosystems.

**Similar to the number of innovations** (page 20), India is ranked #1 for innovation ecosystems with Kenya a close second. 6 of the top 10 countries with the strongest innovation ecosystems are from Africa and the other 4 are from APAC.

<table>
<thead>
<tr>
<th>TOP INNOVATION ECOSYSTEMS BY REGION</th>
<th>Africa</th>
<th>LAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kenya</td>
<td>943</td>
<td>Haiti 190</td>
</tr>
<tr>
<td>Uganda</td>
<td>573</td>
<td>Brazil 166</td>
</tr>
<tr>
<td>Nigeria</td>
<td>554</td>
<td>Mexico 151</td>
</tr>
</tbody>
</table>

**TOP 10 COUNTRIES**

<table>
<thead>
<tr>
<th>Rank</th>
<th>Country</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>India</td>
<td>947</td>
</tr>
<tr>
<td>2</td>
<td>Kenya</td>
<td>943</td>
</tr>
<tr>
<td>3</td>
<td>Uganda</td>
<td>573</td>
</tr>
<tr>
<td>4</td>
<td>Nigeria</td>
<td>554</td>
</tr>
<tr>
<td>5</td>
<td>South Africa</td>
<td>482</td>
</tr>
<tr>
<td>6</td>
<td>Tanzania</td>
<td>410</td>
</tr>
<tr>
<td>7</td>
<td>Ghana</td>
<td>327</td>
</tr>
<tr>
<td>8</td>
<td>Bangladesh</td>
<td>309</td>
</tr>
<tr>
<td>8</td>
<td>Pakistan</td>
<td>261</td>
</tr>
<tr>
<td>10</td>
<td>Indonesia</td>
<td>250</td>
</tr>
</tbody>
</table>

The top 3 countries by region for Africa and APAC are also in the top 10 countries listed above.

In Latin America, Haiti tops the list followed by Brazil and Mexico. Egypt, Afghanistan and Jordan are in the top 3 for MENA.

Are you working on a development innovation? [Add the innovation to GIE.](#)

Have you funded a portfolio of innovations? [Become a GIE Data Champion.](#)
Frequently Asked Questions

WHAT IS GLOBAL INNOVATION EXCHANGE?
Global Innovation Exchange (GIE) is a global development technology platform for innovations, funding and insights.

WHO IS USING GIE?
Social entrepreneurs, funders, researchers, ecosystem players, scaling partners and other professionals in global development. Social entrepreneurs use GIE to discover new funding, develop their fundraising strategy and showcase their innovation to get it in front of new prospective partners. Others use GIE to discover new innovations or showcase their innovation support.

WHAT DATA IS AVAILABLE ON GIE?
Global Innovation Exchange (GIE) has information about innovations, funding and more across 13 sectors and 24 cross-cutting topics in 137+ low- and-middle-income countries (LMICs). Innovations, funding and funders on GIE’s public database can be filtered by these focus areas and countries as well as other filters.

WHERE DOES DATA ON GIE COME FROM?
- Innovation profiles on GIE are managed by the entrepreneurs behind them. Innovations are added by these entrepreneurs or by those supporting them, our Data Champions.
- Some Milestones (Funds Raised and Recognition) on an innovation profile can be Verified indicating that information is either provided or approved by GIE in partnership with our Data Champions who contribute their validation of specific innovations to GIE.
- Funders or anyone else can submit a funding opportunity for consideration to be posted to GIE. Click here to submit a funding opportunity. The GIE team reviews the funding eligibility criteria and if there is a fit, the team adds it to GIE.
- Anyone can submit organizations or programs for consideration to be posted to GIE. Click here to submit an organization or program. The GIE team reviews these and if there is a fit, the team adds it to GIE.
WHAT IS THE CRITERIA FOR ADDING INNOVATIONS TO GIE?
GIE is an open platform so anyone can add an innovation that is addressing a global development challenge and making an impact in any of the low- and-middle-income countries. Instead of applying criteria for adding new innovations to GIE, GIE crowdsources due diligence about these innovations from funding and other supporting agencies in the form of Verified Milestones.

WHAT IS A “VERIFIED” MILESTONE?
GIE partners with funders and other ecosystem players to identify and verify innovations, using milestones that can serve as a badge of validation. Currently, validation or support in the form of “Funds Raised” and “Recognition” can be marked as Verified on GIE.

HOW DOES AN INNOVATION DEFINE ITS FOCUS AREAS?
Innovations can define multiple focus areas on their GIE profile. Innovators are encouraged to select their top 3 Focus Areas when creating and updating their profiles.

WHAT IS AN INNOVATION ECOSYSTEM INDEX?
Innovation ecosystems thrive when there are innovations as well as funding opportunities, organizations and programs supporting those innovations. This index is created by aggregating all these elements of an innovation ecosystem to serve as high-level comparative indicators for the strongest ecosystems.

HOW DO I GET IN TOUCH WITH GIE?
Email us at Info@globalinnovationexchange.org or sign up for our newsletter and social media platforms.

HOW CAN I RECEIVE GIE UPDATES?
Sign up for a Global Innovation Exchange account and check off the box to receive relevant updates. Click here to sign up.
1) INNOVATION FINDER SERVICE
Tap into GIE’s database of innovations and proprietary information about them such as Verified Milestones to discover promising "unusual suspects". If you're looking for new Innovations for your pipeline, GIE's Innovation Finder can help. Get a shortlist of innovations that match your criteria in as fast as 3 weeks for as low as $5,000.

2) POWER YOUR CALL THROUGH GIE
Power your open call for Innovations with GIE's technology such as UN's Science Technology and Innovation Forum 2018 or multi-stakeholder Million Lives Club. Host your call on a GIE Custom site and leverage GIE Innovation profiles for applications, bringing new opportunities and global exposure for Innovations. Get your call live in as low as 7 days and $10,000.

3) CUSTOM INNOVATION RESEARCH
Partner with GIE for custom snapshots of innovations in specific geographic or thematic areas based on data on the platform (e.g. innovations in Fiji). Cost and timeline varies by package.

HOW CAN I GET STARTED?
Email us at partners@globalinnovationexchange.org with what you are interested in.