

Call for Applications Report



INITIATIVE ON
Fragility, Conflict,
and Migration

Stability-and-Peace Accelerator

30 May 2024



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CGIAR Initiative on Fragility, Conflict, and Migration

The CGIAR Initiative on Fragility, Conflict, and Migration addresses challenges to livelihood, food, and climate security faced by some of the most vulnerable populations worldwide. The Initiative focuses on building climate resilience, promoting gender equity, and fostering social inclusion.

Learn more about the Fragility, Conflict, and Migration Initiative here: [Fragility, Conflict, and Migration - CGIAR](#)

Disclaimer

This publication has been prepared as an output of the CGIAR Initiative on Fragility, Conflict, and Migration and has not been independently peer reviewed. Responsibility for editing, proofreading, and layout, opinions expressed, and any possible errors lies with the authors and not the institutions involved.

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Executive Summary

The **Stability-and-Peace Accelerator** is a collaborative initiative between the **International Water Management Institute (IWMI)** and the **WFP Innovation Accelerator**, aiming to leverage their combined expertise to drive impactful innovations that contribute to Sustainable Development Goal 2: Zero Hunger by 2030, along with several cross-cutting goals, including Gender Equality, Climate Action, Eradication of Poverty, and Partnerships for the Goals.

This program targets the resilience of **Food, Land, and Water Systems (FLWS)** in **Fragile and Conflict Affected Settings (FCAs)**, focusing on both migrant and host communities. By fostering innovations that enhance food security, nutrition, climate resilience, and social cohesion in humanitarian contexts, the Accelerator seeks to create scalable solutions that effectively address pressing challenges.

Call for Applications

Launched on **January 29, 2024**, and closing on **February 16, 2024**, the call for applications attracted **214 submissions**. Following a thorough evaluation, **61 applications** met the eligibility criteria, leading to the selection of **four high-impact innovations** for the program cohort.

Sourcing Process

The sourcing strategy involved an in-depth analysis of the strategic plans from WFP operations in **Jordan, Kenya, and Nigeria**, coupled with insights from the **Ecosystem Assessment of Food, Land, Water Actors** report. This enabled the identification of critical innovation themes:

1. **Water Resilience in Jordan:** Solutions for water purification, irrigation efficiency, and urban agriculture.
2. **Digital Climate Solutions in Kenya:** Technologies for vulnerability assessments, conflict mitigation, and environmental disaster forecasting.
3. **Resilient Food Systems in Nigeria:** Innovations in cold storage, soil management, and market access for smallholder farmers.
4. **Water Solutions for Yemen:** Affordable purification and sustainable agricultural technologies in conflict-affected areas.

Application Criteria and Evaluation

Eligibility requirements included organizational legitimacy, presence in target countries, and innovations addressing local challenges. Applications were assessed based on innovation level, contextual relevance, sustainability, team quality, and clear needs for support.

Outreach Strategy

The outreach campaign reached **180,230 impressions** with **3,803 engagements** through social media, boosted posts, and targeted email communications to a subscriber base of **13,000**. This robust strategy ensured a diverse pool of applicants and fostered engagement within the innovation ecosystems of the targeted regions.

Longlist to Shortlist Outcomes

The final shortlist was curated through stakeholder consultations and virtual interviews, resulting in **ten innovations** being reviewed and four selected for the Accelerator program. This process exemplified collaborative decision-making, engaging key partners from IWMI and the CGIAR network.

In summary, the Stability-and-Peace Accelerator is positioned to play a pivotal role in advancing innovative solutions that address food security and resilience in fragile settings, contributing to the broader agenda of sustainable development and humanitarian aid.

Program Summary

The **Stability-and-Peace Accelerator** is implemented jointly by the WFP Innovation Accelerator and led by International Water Management Institute (IWMI), a CGIAR research center. The ultimate purpose of this collaboration is to demonstrate how WFP and the CGIAR can leverage their expertise and resources to rapidly accelerate solutions which can enable both organizations to create tangible, scalable impact towards achieving **SDG2**: Zero Hunger by 2030, as well as cross-cutting SDGs, namely **SDG5**: Gender Equality, **SDG13**: Climate Action, **SDG1**: Eradication of Poverty, and **SDG17**: Partnerships for the Goals.

The purpose of this program is to identify and enable the scaling of high-impact, high potential innovations which promote the resilience of **Food, Land and Water Systems (FLWS)** in **Fragile and Conflict Affected Settings (FCAs)** in migrant and host communities – thus enabling food and nutrition security, climate resilience, social cohesion, and sustainability in emergency and humanitarian settings. To achieve this purpose, the program will source high potential innovations, award grants to said innovations, promote capacity strengthening of these innovations with a local footprint, and harness the immense technical expertise of CGIAR scientists to support the innovations.

Call for Applications

The call for applications was written and launched on 29 January 2024 and closed on 16 February 2024. The **Stability-and-Peace Accelerator** received 214 applications which can be accessed [here](#). Of this list, 61 applications were deemed qualified, having fulfilled all the eligibility criteria outlined in the call for applications, from which ten innovations were shortlisted, and four of which were selected and accepted into the cohort.

Sourcing Process

The WFP Innovation Accelerator sourcing team conducted a comprehensive analysis of WFP Jordan, Kenya, and Nigeria country strategic plans, focusing on specific context points and hunger challenges in each region. The project team also extracted various insights from the [Ecosystem Assessment of Food, Land, Water Actors in the Humanitarian, Development, and Peace Nexus](#), a joint report by [IWMI](#) and [Briter Bridges](#). The report evaluated local innovation ecosystems, identifying key challenges and opportunities faced by startups. Through this process, the team identified clear, actionable innovation themes and problem statements. Based on this, the WFP Innovation Accelerator employed a robust outreach strategy with the support of country level innovation hubs and units in the field to attract innovators to apply to the program.

- a) **Determination of target countries:** Three countries were identified and selected: **Jordan, Kenya, and Nigeria** through a consultative process with CGIAR IWMI stakeholders. Countries which are Fragile and Conflict Affected were selected, an innovation ecosystem analyzed through the Briter Bridges report, and which IWMI research teams have put in place. **Yemen** was originally planned to be the fourth country, however due to escalating political and military concerns in the country, a decision was taken by the project team to support two innovators from Jordan instead.

- b) **Development of innovation themes:** The following four innovation themes were developed through a consultative process with CGIAR IWMI stakeholders regarding their priority areas in the select countries of operation:

- ▶ **Water and Resilience in Refugee and Host Communities in Jordan:** - Decentralized water purification systems for refugee camps and remote communities - Efficient irrigation systems for water-scarce farming communities - Tech-enabled soil health monitoring for optimized land use - Rainwater harvesting systems for households and small farms - Solutions to enhance water access and resilience in refugee and host communities - Scalable solutions for urban agriculture and vertical farming.
 - ▶ **Digital Solutions for Climate Security and Migration in Kenya:** - Digital solutions for comprehensive assessment of host community vulnerabilities - Solutions for conflict prediction and mitigation - Solutions for forecasting and reducing the impact of environmental disasters - Digital solutions for enhancing communication and information flow between refugees and aid organizations - Digital platforms for mapping environmental, conflict, and instability data to identify displacement patterns - Solutions for refugees to access safe routes and hazard information on their journey.
 - ▶ **Resilient Food Systems and Nutrition in Nigeria:** - Innovative cold storage solutions to prevent post-harvest loss - Soil fertility management solutions for cocoa to increase productivity and achieve climate-smart cocoa production - Linking seed production with demand, particularly for vegetatively propagated crops - Mobile platforms for market access and fair pricing for smallholder farmers - Fortification of problem statements. Based on this, the WFP Innovation Accelerator employed a robust outreach strategy with the support of country level innovation hubs and units in the field to attract innovators to apply to the program.
 - ▶ **Conflict-Affected Areas in Yemen:** - Affordable water purification systems to provide safe drinking water in conflict-affected areas - Small-scale water-efficient agricultural technologies to mitigate the impact of disrupted agricultural production and water scarcity on food security - Water and sanitation solutions for conflict-affected communities - Waste-to-energy solutions for sustainable land management - Off-grid water systems to provide affordable and safe water access in conflict-affected communities - Climate-resilient water management and agricultural practices to cope with the compounded effects of conflict, natural disasters, and climate change impacts on water resources and food security.
- c) **Development of application criteria for the call for applications:** The eligibility criteria for the call for applications were developed and included the following:
- ▶ The organization must be an established legal entity (for-profit, not-for-profit, social business, NGO, INGO).
 - ▶ The organization should have a presence or willingness to build a presence in one of the four countries of implementation (Jordan, Kenya, Nigeria). This could take the form of a country office or other permanent presence, subsidiary, long-term operations, or partnerships in the country.
 - ▶ The innovation addresses one or more of the priority innovation areas related to pressing challenges faced in the humanitarian space of the country of implementation.

- ▶ The innovation should have reached the minimum viable product stage¹ and is gearing up for scale. The innovation should have a clear pathway to scale and a potential plan to implement during the six-month Sprint with the available funding.
- ▶ Applicants are expected to have strong intentions to collaborate with relevant humanitarian stakeholders, build relationships with CGIAR country offices, and connect with the innovation ecosystems.
- ▶ The applicants should demonstrate a clear need for research and development for the conceptual and commercial development of their innovation.

In addition to the above-mentioned requirements, applications were evaluated according to the following dimensions:

- ▶ **Level of innovation/innovativeness:** The solution is novel, innovative and has a strong social impact regarding the mentioned themes.
 - ▶ **Relevance to the context:** The solution addresses at least one of the priority areas, is suitable to at least one of the four country contexts, and provides concrete solutions to end-users/target beneficiaries.
 - ▶ **Sustainability and scalability of the solution:** The solution presents a clear business model and sustainable revenue model.
 - ▶ **Quality of the team:** Proven competence, technical coherence, commitment, motivation, entrepreneurial mindset, diverse and inclusive team.
 - ▶ **Clearly defined needs:** The solution has an area of expansion or improvement, which can be saturated through venture and capacity building provided by the WFP Innovation Accelerator as well as research and development technical assistance and support provided by IWMI.
- d) **Development of a sourcing/communications strategy:** The call for applications was disseminated via the following strategy detailed below. This strategy resulted in 180,230 impressions and views and 3,803 clicks and engagements across platforms.

The primary outreach for the sourcing/call for applications campaign was via social media, specifically LinkedIn and Twitter. Seven posts were published on each of the WFP Innovation Accelerator platforms (14 total) over the open application period (29 January-16 February).

The [program's graphics toolkit and supporting materials](#) were produced to align with the unique thematic criteria of each country's call for applications. This allowed for flexibility within the program while maintaining a clear, unified brand identity.

¹ Minimum viable product - is a streamlined version of a product with core functionalities that deliver value. It allows businesses to test ideas, gather user feedback, and minimize risks early on with minimal resource investment

To improve the outreach to the four supported countries, the WFP Innovation Accelerator also implemented boosted posts on LinkedIn targeting innovators and entrepreneurs within those regions. Country-specific posts were individually boosted, limiting extra noise or unnecessary ad spending. In total, US\$494.97 was spent on this campaign, and the boosted posts contributed 150,245 impressions and 2,395 clicks to the aforementioned total impressions, forming a central part of the program’s outreach.

In addition, the WFP Innovation Accelerator conducted email outreach via Mailchimp to its audience of 13,000, including a mention of the call for applications in its [monthly newsletter](#) and a [standalone e-alert for the call for applications](#). These two newsletters accumulated 7,426 opens and 479 clicks related to the call for applications.

Longlist to Shortlist Outcomes

The final longlist was presented to CGIAR and IWMI stakeholders and approved. Prior to the longlisting of these 10 solutions, the CGIAR and IMWI stakeholders conducted virtual interviews with all 10 teams. The details of how this longlist was developed and what was presented are provided below. The longlist was comprised of 10 innovations, and through a consultative voting process, IWMI and Alliance Bioversity International - CIAT (ABC) stakeholders from Jordan and Kenya voted for the final shortlisted ventures. In the case of Nigeria, IWMI Scaling Lead for Eastern and Southern Africa, Hauke Dahl, selected the final venture on behalf of the Nigeria team.

The longlist, shortlist and selection process are further detailed in the following graphics:



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Programme Overview

The core objective of this acceleration programme would be to leverage the combined expertise of CGIAR & the WFP innovation Accelerator **to fast-track solutions** that enhance the resilience of Food, Land and Water Systems (FLWS) in **Fragile and Conflict Affected Settings**.

The current focus of this cohort is for:

- Water and Resilience in Refugee & Host Communities (**Jordan**) - 2 innovators
- Digital Solutions for Climate Security & Migration (**Kenya**) - 1 innovator
- Resilient Food Systems and Nutrition (**Nigeria**) - 1 innovator



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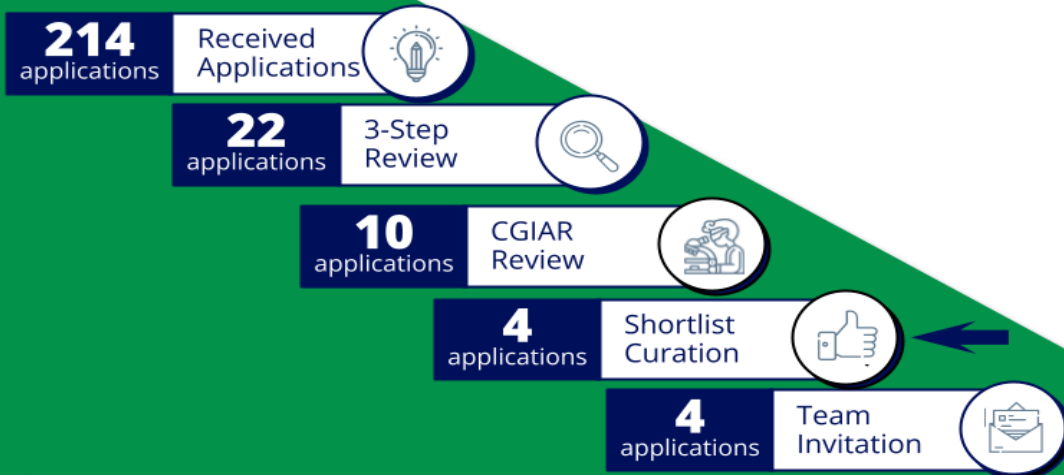
Programme Overview



INNOVATION ACCELERATOR

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Selection Process



INNOVATION ACCELERATOR

Innovation Readiness Level

Based on the [Innovation readiness infographic](#) produced by CGIAR we have assessed the maturity and readiness to scale of the following innovation, with a spectrum ranging from the idea (lowest level 0) to proven innovation (highest level 9).



Longlisted Ventures for Jordan



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AquaPoro

Home and commercial solution that produces clean, drinkable water from the air at an affordable cost.

HO Country: Jordan Country of Implementation: Jordan

Innovation readiness score: **8 Uncontrolled Testing**

Problem statement: *Solutions to enhance water access and resilience in refugee and host communities*

PROBLEM:

Water scarcity, intensifying with climate change, imperils billions, hitting Jordan hard as it battles severe droughts, over-extraction, and pollution, compounded by refugee influxes and diminishing per capita water availability.

SOLUTION:

AquaPoro is a state-of-the-art residential and commercial appliance that provides clean, drinkable water for domestic household, office, school, clinic, community center, etc use. It is designed to provide water directly from the air regardless of the region, climate, or environment that it operates within.

TRACTION:

AquaPoro is able to produce 15-20L per day at a price point of 6 cents per liter vs 50 cents per liter for the commercial water. The team is partnering up with local banks to provide these device on a loan to be paid over 1 year of a half.

AquaPoro is set to fill orders for 1007 devices starting April 2024, aiming to deliver 13,500 units across Jordan and the GCC, directly benefiting over 75,000 people with over 694,664 m³ of clean water in three years.



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Iplant

Revolutionizing water and food production in fragile areas with smart urban and vertical farming solutions.

HO Country: Jordan Country of Implementation: Jordan

Innovation readiness score: **7 Prototype**

Problem statement: *Scalable solutions for urban agriculture and vertical farming*

PROBLEM:

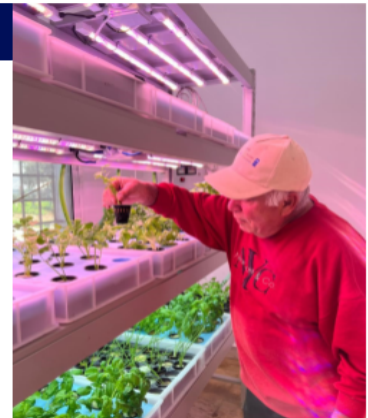
In Jordan, approximately 10,000 urban residents grapple with water scarcity and limited space for traditional farming, despite having access to basic infrastructure. The challenge intensifies for 5,000 of these individuals, particularly those in densely populated areas, facing hurdles in adopting sustainable agricultural practices.

SOLUTION:

Iplant is a smart urban agriculture system, including smart irrigation and vertical farming units, designed for the space constraints of urban living in Jordan. Ideal for women managing household food production or small urban agriculture businesses, these systems can be installed in indoor spaces, balconies, rooftops, and small yards, reducing the need for physical labor and rural land access.

TRACTION:

The team has been awarded a \$15K grant from WFP Jordan as part of a joint incubation programme with Ipark and has been working with UNDP on several projects. The team is looking for technical assistance in R&D to advance their AI algorithms, enhancing analytics for irrigation and nutrient delivery systems for different products.



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DetoXyFi

Water filtration technology using waste wood and human safe chemical processing to provide access to safe drinking water.

HQ Country: India Country of Implementation: India, United States

Innovation readiness score: **6 Semi-Controlled Testing**

Problem statement: *Decentralized water purification systems for refugee camps and remote communities*

PROBLEM:

Waterborne diseases, exacerbated by climate change and inadequate infrastructure, cause millions of deaths and highlight the urgent need for affordable, effective water purification solutions. The crisis is worsened by challenges in rapid disaster response and the limitations of current purification methods.

SOLUTION:

DetoXyFi introduces affordable, lightweight, and biodegradable water filters made from engineered waste wood, designed for rapid deployment in communities lacking access to clean drinking water

TRACTION:

The team has patented and field tested their solution in 5 countries and has been supported by the harvard health lab accelerator and WEISS fund. The team has currently developed the V2 of the solution that cost \$1 per unit and are looking to expand their footprint.



Boreal Light

Affordable solar water desalination systems for off-grid communities around the globe.

HQ Country: Germany Country of Implementation: Yemen, Kenya, Somalia, Iraq, Ukraine, Botswana, Tanzania, Colombia, Nicaragua

Innovation readiness score: **9 Proven Innovation**

Problem statement: *Solutions to enhance water access and resilience in refugee and host communities*

PROBLEM:

Nearly two-thirds of the global population faces severe water scarcity annually, with half at risk by 2025. In Jordan, a country among the world's driest, millions face acute water scarcity, impacting access to clean drinking water and heightening health risks from waterborne diseases, amid challenges of over-extraction and pollution.

SOLUTION:

Boreal Light GmbH develops affordable solar-powered desalination systems for off-grid communities worldwide, transforming saline or polluted water into clean water for drinking, irrigation, fish farming, and sanitation. By enabling access to essential water resources, the solution foster social equality and economic integration for underserved communities

TRACTION:

The team is currently working supporting 8 million people across multiple countries. The team is looking to integrate their first solar and wind powered water filtration system. The team has worked with multiple large NGOs and public sector donors like GIZ, EU, UNHCR, UNIDO, Oxfam and many others.



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Longlisted Ventures for Nigeria



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Koolboks

Off-grid Pay as you go refrigeration systems

HQ Country: France Country of Implementation: 20 Countries including Nigeria

Innovation readiness score: **8 Uncontrolled Testing**

Problem statement: Innovative cold storage solutions to prevent post-harvest loss

PROBLEM:

The African refrigeration market is significantly underpenetrated, with only 17% of households having access to refrigeration. Rising demand for sustainable cooling is further challenged by climate change and environmental concerns

SOLUTION:

KoolBoks offers off-grid refrigeration using ice-based storage technology for reliable food preservation in areas lacking stable electricity. Their affordable pay-as-you-go model, enhanced temperature monitoring, meets essential needs in underprivileged communities.

TRACTION:

The team has scaled their venture to 20 countries and to date has prevented 358 MT of food waste and reduced 21,296 of GHG emissions. The solution has project partners like Coca Cola, Orange telecom & IKEA. The team is planning to introduce IoT to their devices in order to be able capture critical data for maintenance and remote monitoring.



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Ecotutu

Cleantech company providing access to affordable and reliable solar-powered cold chain solutions for smallholder farmers and medium-sized businesses

HQ Country: Nigeria Country of Implementation: Nigeria

Innovation readiness score: **7 Prototype**

Problem statement: Innovative cold storage solutions to prevent post-harvest loss

PROBLEM:

Smallholder farmers and traders, especially in Nigeria, face substantial income losses due to post-harvest loss of perishable produce, with up to 45% of horticulture produce wasted across the food value chain because of poor handling and inadequate cooling infrastructure. This issue disproportionately affects women and communities in fragile and conflict-affected settings, significantly impacting livelihoods and food security.

SOLUTION:

Ecotutu offers smallholder farmers and traders in Nigeria affordable access to solar powered cold storage units on a pay-as-you basis, enhancing their revenue by up to 40% monthly. Additionally, through linkage support, these stakeholders can access higher-value markets, significantly increasing their income and profit.

TRACTION:

The team has supported over 2000 farmer and 84 SMEs and has preserved 70,000 tons of food. The team was able to increase the income of farmers by 40%.



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Crop2Cash

Providing smallholder farmers with market access and finance to boost their productivity and income.

HQ Country: Nigeria Country of Implementation: Nigeria

Innovation readiness score: **8 Uncontrolled Testing**

Problem statement: Mobile platforms for market access and fair pricing for smallholder farmers

PROBLEM:

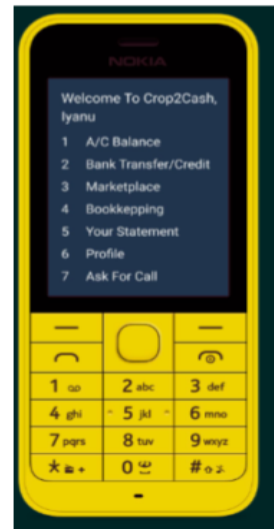
Over 38 million smallholder farmers in Nigeria, lack access to formal financial services and modern agricultural inputs, severely hindering their productivity and income.

SOLUTION:

Crop2Cash provides digital financial services and agricultural inputs to smallholder farmers in Africa, enhancing their access to capital, modern resources, and farming information. This platform facilitates credit, payments, and input purchases, improving financial inclusion, agricultural productivity, and livelihoods.

TRACTION:

The solution currently has 420,000 smallholder farmers on-board and has lended over USD 3 million. The team has been supported by Google, USAID, Katapult and many other. The team is planning to on-board 1 Million farmers by 2025.



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Longlisted Ventures for Kenya



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Conflict Forecast

platform integrates granular maps of conflict forecasts, agricultural collapse, and population to highlight potential displacement hotspots.

HQ Country: Spain Country of Implementation: Global

Innovation readiness score: **7 Prototype**

Problem statement: *Solutions for conflict prediction and mitigation*

PROBLEM:

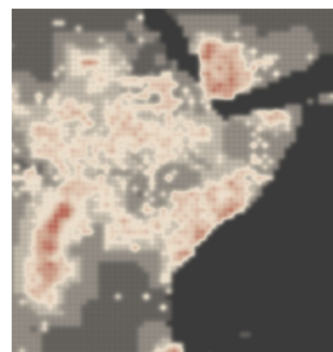
Predicting conflict and migration displacement is hindered by complex, dynamic factors and insufficient data, making it difficult to accurately forecast movements and prevent humanitarian crises.

SOLUTION:

Conflict Forecast uses dynamic programming to provide worldwide national and subnational armed conflict forecasts and cost-effectiveness of policy interventions. The model has been designed to capture outbreaks in countries with a long history of peace (outbreak model) as well as potential increases or reductions in levels of ongoing violence.

TRACTION:

The team has ongoing collaborations with the UK FCDO's Nigeria office, UNHCR, UNICEF and IMF. Recently, the German Federal Foreign Office provided a substantial grant to develop a multidimensional measure of fragility.



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Context Insights

Forecasting tool that leverages data & insights from the globally untapped resource of local communities.

HQ Country: UK Country of Implementation: Global

Innovation readiness score: **6 Semi-Controlled Testing**

Problem statement: *Digital platforms for mapping environmental, conflict, and instability data to identify displacement patterns*

PROBLEM:

NGOs, governments, and private sector organizations struggle with the lack of quality data for planning their operations, directly impacting the effectiveness of interventions on local populations. This gap in actionable insight hampers the ability to respond to changes, such as fluctuating market prices or environmental conditions, affecting crucial activities like food security.

SOLUTION:

Context Insights addresses the critical data gap in humanitarian and research operations through crowdsourcing, generating frequent, affordable, and accurate forward-looking data. This solution empowers organizations to make informed decisions, enhancing their mission planning and execution in data-poor environments

TRACTION:

The team has generated commodity prices and exchange rates- In the Republic of Congo (RoC) and foreign exchange rates prediction in Lebanon. The average accuracy level achieved by the team was 90 percent for a cost of about a third of what traditional data sources cost.



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NGen Impact

Leveraging diverse datasets including news, social media, and environmental indicators to identify potential conflict zones

HQ Country: Austria Country of Implementation: Kenya, Austria, Germany, Belgium

Innovation readiness score: **5 Model/Early Prototype**

Problem statement: *Solutions for conflict prediction and mitigation*

PROBLEM:

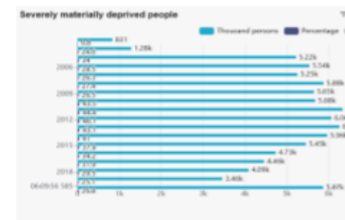
Northern Kenya witnessed a substantial increase in political violence events and fatalities from January to November 2023, highlighting the escalating challenges faced by communities and the critical need for effective peace interventions.

SOLUTION:

NGen employs advanced data analytics and community-driven approaches to mitigate the escalating conflict in Northern Kenya, providing local communities and stakeholders with timely, actionable insights for preemptive conflict resolution and aiming to enhance safety, stability, and peace in the most affected areas.

TRACTION:

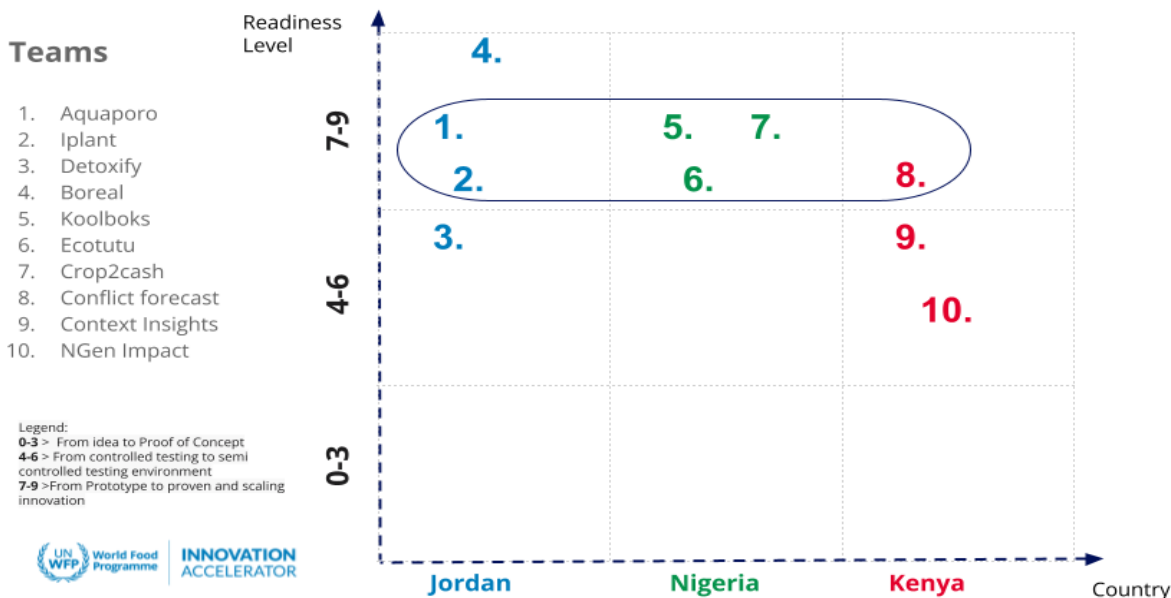
The team has provided data insights for more than 300,000 companies mostly in Europe. The team aims to focus their efforts in identifying conflict zone in northern Kenya.



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Innovation Readiness Overview

Projects Readiness Overview



The shortlisted innovations are the following four innovations:

1. **AquaPoro** was selected because it is a cutting-edge solution directly responding to the thematic focus area for Jordan: water and resilience for refugees and host communities in Jordan. It is highly innovative and locally made in Jordan, for the Jordanian context. It scored highly in the 2-step review conducted by the WFP Innovation Accelerator and was voted by the IWMI Jordan country team. The innovation was ranked an 8 within the IPSR scale.
2. **iPlant** was selected because it is an innovative, locally made, and high impact yielding solution directly responding to the thematic focus area for Jordan: water and resilience for refugees and host communities in Jordan. It scored highly in the 2-step review conducted by the WFP Innovation Accelerator and was voted as a top priority innovation by the IWMI Jordan country team. The innovation was ranked a 7 within the IPSR scale.

3. **Koolboks** is one of the most advanced companies providing off-grid refrigeration with solar-powered systems, empowering communities with affordable and sustainable cooling solutions in Sub Saharan Africa. The team has a demonstrated business model, operational model, product market fit and strong team. It scored highly in the 2-step review conducted by the WFP Innovation Accelerator and was voted at the top innovation from Nigeria by the IWMI team. The innovation was ranked an 8 within the IPSR scale.
4. **Conflict Forecast** has a well proven model that can be customized and adapted for various contexts. The start-up was proactively sourced for the Kenya problem statement on displacement prediction, incl. data on violence, fear of violence, weather & agricultural failures and IDPs flows. The innovation was ranked as a 7 within the IPSR scale and voted for as the top innovation from Kenya by the Kenya ABC and IWMI team.

Annex 1: Call for Application Document



Stability-and-Peace Accelerator

Building resilience through innovation.

Apply by 16 February 2024, 11:59 pm (CET)

Powered by: **IWMI** International Water Management Institute

An Acceleration Programme by: **WFP** World Food Programme **INNOVATION ACCELERATOR** **CGIAR** **Programme on Fragility, Conflict, and Migration**

Call for Applications

The global challenge of hunger and malnutrition is felt most acutely in fragile and conflict-affected settings (FCAs), where over 1.5 billion people face unprecedented threats to food security and livelihoods. The CGIAR, in partnership with the World Food Programme (WFP) Innovation Accelerator, are launching the "Stability-and-Peace Accelerator Programme" to seek and scale high-impact innovations that bolster food, land, and water systems (FLWS) in these vulnerable regions.

We are calling on innovators, entrepreneurs and changemakers to come forward with groundbreaking solutions that can drive resilience, ensure food and nutrition security, enhance climate adaptability and promote social cohesion and sustainability among communities battered by conflict and fragility.

The WFP Innovation Accelerator and CGIAR will support selected teams through a comprehensive programme designed to accelerate the development of promising solutions and prepare them for scaling. Alongside financial, technical and business support, this includes the provision of scientific advisory, aimed to improve the innovator's ability to create life-changing sustainability impact. Our focus is on sourcing and nurturing solutions that are not only innovative but also sustainable and scalable, with the potential to create lasting positive change in some of the world's most challenging environments.

We encourage organizations to submit their innovative solutions that help end hunger, reinforce communities against unexpected disruptions, ensure consistent access to nutritious food, foster inclusive economic opportunities, engage youth and enhance the resilience of food systems amidst the challenges of climate change.

Application Deadline: 16 February 2024, 11:59 pm (CET)

What We Offer

This collaboration between CGIAR & the WFP Innovation Accelerator, specifically through the CGIAR Initiative on Fragility, Conflict, and Migration, marks a significant union of efforts. The WFP Innovation Accelerator, with its track record of organizing 55 innovation bootcamps, supporting over 487 teams and field testing more than 100 solutions, has positively impacted 37 million people in 2022 alone. Merging this with CGIAR's dedicated research agenda, which aims to deliver science and innovation that advance the transformation of food, land, and water systems in a climate crisis, our collaboration will enhance climate resilience, gender equity and social inclusion. Together, we aim to address the complex challenges associated with the climate crisis aiming to provide sustainable solutions for the most vulnerable populations.

What we offer to boost innovations:

- Six-month Sprint acceleration programme combining business-oriented training, mentoring, and science-based technical assistance from the WFP Innovation Accelerator
- Access to the research network of CGIAR, the world's largest publicly funded research-for-development organization
- In-country strategy workshop to kick off implementation
- US\$30,000 equity-free grant for each of the winning innovations with a proven sustainable business model and scaling plan
- Exposure to national and international funders
- Post-acceleration support

What We Are Looking For

For this Innovation Challenge, CGIAR and the WFP Innovation Accelerator are looking for both low- and high-tech solutions specifically tailored to meet distinct challenges present in fragile and conflict-affected settings (FCAs) specifically in Jordan, Kenya, Nigeria, and Yemen. We aim to identify and support exceptional innovations from around the world that hold the potential to address these challenges on a significant scale. Applicants are requested to showcase a high-impact, scalable solution that matches one of the four innovation themes. The innovation themes per country are:



Water and Resilience in Refugee and Host Communities in Jordan:

- Decentralized water purification systems for **refugee camps and remote communities**
- Efficient **irrigation systems** for water-scarce farming communities
- Tech-enabled soil health monitoring for optimized land use
- Rainwater harvesting systems for households and small farms
- Solutions to **enhance water access** and resilience in refugee and host communities
- Scalable solutions for urban agriculture and vertical farming

Digital Solutions for Climate Security and Migration in Kenya:

- Digital solutions for comprehensive assessment of host community vulnerabilities
- Solutions for conflict **prediction and mitigation**
- Solutions for forecasting and reducing the impact of **environmental disasters**
- Digital solutions for enhancing communication and information flow between refugees and aid organizations
- Digital platforms for mapping environmental, conflict, and instability data to **identify displacement patterns**
- Solutions for refugees to access safe routes and hazard information on their journey

Resilient Food Systems and Nutrition in Nigeria:

- Innovative cold storage solutions to prevent **post-harvest loss**
- Soil fertility management solutions for cocoa to increase productivity and achieve climate-smart cocoa production
- Linking seed production with demand, particularly for vegetatively-propagated crops
- **Mobile platforms** for market access and fair pricing for smallholder farmers
- Fortification of staple foods to address micronutrient deficiencies
- **Agri-tech** for precision farming and resource management
- Localized food processing technologies to **increase shelf-life**
- Biofortified crop development for nutrient-rich food options

Water and Resilience in Conflict-Affected Areas in Yemen:

- Affordable water purification systems to provide safe drinking water in conflict-affected areas
- Small-scale water-efficient agricultural technologies to **mitigate the impact of disrupted agricultural production** and water scarcity on food security
- Water and sanitation solutions for conflict-affected communities
- Waste-to-energy solutions for sustainable land management
- **Off-grid water systems** to provide affordable and safe water access in conflict-affected communities
- Climate-resilient water management and agricultural practices to cope with the compounded effects of conflict, natural disasters, and climate change impacts on water resources and food security

Eligibility Criteria

- Your organization must be an established legal entity (for-profit, not-for-profit, social business, NGO, INGO).
- Your organization should have a presence or willingness to build a presence in one of the four countries of implementation (Jordan, Kenya, Nigeria or Yemen). This could take the form of a country office or other permanent presence, subsidiary, long-term operations or partnerships in the country.
- Your innovation addresses one or more of the priority innovation areas related to pressing challenges faced in the humanitarian space of the country of implementation.
- Your innovation should have reached the minimum viable product stage and is gearing up for scale.
- Your innovation should have a clear pathway to scale and a potential plan to implement during the six-month Sprint with the available funding.
- Applicants are expected to have strong intentions to collaborate with relevant humanitarian stakeholders, build relationships with CGIAR country offices, and connect with the innovation ecosystems.
- The applicants should demonstrate a clear need for research and development for the conceptual and commercial development of their innovation.

Following the above-mentioned requirements, your application will be evaluated according to the following criteria*:

- **Level of innovation/innovativeness:** The solution is novel, innovative and has a strong social impact regarding the mentioned themes.
- **Relevance to the context:** The solution addresses at least one of the priority areas, is suitable to at least one of the four country contexts, and provides concrete solutions to end-users/target beneficiaries.
- **Sustainability and scalability of the solution:** The solution presents a clear business model and sustainable revenue model.
- **Quality of the team:** Proven competence, technical coherence, commitment, motivation, entrepreneurial mindset, diverse and inclusive team.
- **Clearly defined needs:** The solution has an area of expansion or improvement, which can be saturated through venture and capacity building as well as research and development.

Application Process

- a. To submit your application, please fill in the [Application Form](#) by **16 February 2024, 11:59 pm (CET)**.
- b. We will review and select successful applications in April/May 2024. While we value all applications, please note that we are only able to contact shortlisted applicants.
- c. For more information, please refer to the [Frequently Asked Questions](#).

About CGIAR and the WFP Innovation Accelerator

CGIAR dedicates itself to transforming food, land and water systems amidst the climate crisis. With a network of global partners, CGIAR innovates in areas like climate action, environmental health, gender equality and poverty reduction. Their research and solutions, developed in collaboration with farmers, universities, governments and global associations, are focused on achieving the Sustainable Development Goals. CGIAR's strategic approach integrates advancements in science and technology to address pressing global challenges, ensuring lasting and positive impacts on vulnerable communities around the world. Their commitment to these goals is evident in their widespread, impactful work across multiple key impact areas. Find out more on CGIAR's work here: cgiar.org/research/cgiar-portfolio

The **WFP Innovation Accelerator** was launched by the UN World Food Programme in 2015 to source new ideas, sprint pilot projects, and scale high-impact innovations by connecting them with WFP's global network of staff and field operations in over 120 countries and territories. From its base in Munich, Germany, the Innovation Accelerator has grown to become one of the world's leading social impact startup accelerators. In 2023 the Innovation Accelerator is running 16 programmes addressing a wide range of social impact and sustainability issues, including climate change, primary healthcare, gender equality, and emergency response. In 2022 alone, its portfolio of over 150 innovations reached 37 million people worldwide. Since launch, that Innovation Accelerator has maintained a 2X annual growth rate, and secured over USD 200 million in grants. Learn more about us at innovation.wfp.org.