



Grand Challenges Canada®
Grands Défis Canada

BOLD IDEAS WITH BIG IMPACT®

**Stars in Global Health
Request for Proposals**

Round 11

April 2021

Executive Summary

Sexual and reproductive health and rights are fundamental to gender equality. Although substantive progress has been made, in many settings people continue to have insufficient access to sexual and reproductive health and rights services for neglected but essential issues, such as adolescent sexuality and reproductive needs; sexual and gender-based violence; and child, early and forced marriage. Due to the associated economic and social impacts of the COVID-19 pandemic, significant barriers to accessing key sexual and reproductive health and rights education and services have been heightened, reversing years of progress.

Despite the significance and urgency of these challenges, there are limited resources to address these pressing sexual and reproductive health and rights needs for women, adolescents, children and LGBTQI+ people amidst the pandemic. There is a need to develop, test and scale up sexual and reproductive health and rights innovations, which are also sufficiently resilient so as to mitigate the negative impacts of this and future pandemics. The flexibility and responsiveness of the Stars in Global Health program has allowed Grand Challenges Canada, with funding and support through Global Affairs Canada, to address this need through this Request for Proposals.

For this 11th Round of the Stars program, **we seek bold ideas that will improve the sexual and reproductive health and rights of women, adolescents, children and LGBTQI+ people in Sub-Saharan Africa. The bold ideas are expected to improve the access, use and quality of comprehensive sexual and reproductive health education and services *and* to be resilient to pandemic control measures like those introduced to control COVID-19. Of particular interest to Grand Challenges Canada are innovations that improve responses to sexual- and gender-based violence.**

Successful proposals will receive seed grants of up to \$100,000 CAD over 12 months to develop and test their proposed innovation. Grand Challenges Canada expects to award around 60-70 seed grants this round.

Applicants affiliated with institutions incorporated in low- and middle-income countries and/or in Canada are eligible to apply. All innovations must be implemented in Sub-Saharan Africa.

We highly encourage organizations based in Western and Central Africa, and organizations led by women or non-binary individuals, to apply to the Request for Proposals.

By the end of the seed award, innovators who have demonstrated proof of concept of the idea, have developed preliminary and feasible plans for scale and sustainability, and have attracted commitments from key stakeholders and partners, may be invited to apply for Transition to Scale program funding.

APPLICATION DEADLINE: 2:00pm EDT (6:00pm UTC) June 3rd, 2021

Proposals will not be accepted after this date and time.

Due to processing times, you **MUST** register for an account on our Community Portal (Fluxx) no later than 2:00pm EDT (6:00pm UTC) May 20th, 2021. If you have an existing Fluxx account, there is no need to re-register.

To apply for funding, applicants **MUST** use the online application form provided, which is **ONLY** accessible via Grand Challenges Canada's Community Portal - Fluxx <gcc.fluxx.io>. (See Section 4.2 *Application Instructions*.)

For technical assistance with registration or the online application, contact Grand Challenges Canada's Fluxx Technical Support team at: <http://www.grandchallenges.ca/fluxxsupport/>

Email stars@grandchallenges.ca with 'Request for Proposals' questions not answered in the FAQ.

Table of Contents

<i>Executive Summary</i>	<i>ii</i>
1. Introduction	6
1.1 Grand Challenges Canada	6
1.2 The Stars in Global Health Program	6
1.3 The Problem	6
2. Program Scope	8
2.1 Areas of Focus	8
2.2 Geographic Scope	9
2.3 Target Users	9
2.4 Available Funding	9
2.5 Innovation	9
2.6 Focus on Results	10
2.7 Scale and Sustainability	11
2.8 Team Leadership	12
2.9 What We Won't Fund	13
3. Application and Review Process	13
3.1 Instructions for Application Portal (Fluxx)	14
3.2 Eligibility Criteria	15
3.3 Innovation Screen	16
3.4 External Peer Review	17
3.5 Funding Decisions	18
4. Activities and Deliverables	18
5. Guiding Principles and Additional Terms	19
5.1 Financing Terms	19
5.1.1 Eligible Costs	19
5.1.2 Terms of Disbursement	21
5.1.3 Audit	21
5.2 Submission Materials and Privacy Notice	21
5.3 Warranty	23
5.4 Gender Equality, Environmental Sustainability & Human Rights Based Approach	23
5.5 Global Access and Intellectual Property in Funded Innovation	24



5.6 Global Access and Data Access	25
5.7 Research Ethics Policy	26
5.8 Rights of Grand Challenges Canada.....	26
5.9 Costs.....	27
5.10 Governing Law.....	28
5.11 Risk Management, Safety, Anti-Terrorism, Anti-Corruption & Anti-Bribery	28
<i>Appendix A: Country Eligibility.....</i>	<i>29</i>
<i>Appendix B: Key Indicators.....</i>	<i>31</i>

1. Introduction

1.1 GRAND CHALLENGES CANADA

GRAND CHALLENGES CANADA / GRANDS DÉFIS CANADA (“**Grand Challenges Canada**”) is dedicated to supporting **Bold Ideas with Big Impact**®. With funding from a variety of government partners and organizations, including Global Affairs Canada, our mission is to support innovation that saves and improves the lives of the most vulnerable in low- and middle-income countries (LMICs) and Canada. Our vision is a world in which innovation accelerates the achievement of the United Nations’ Sustainable Development Goals.

One of the largest impact-first investors in Canada, and with a feminist investment approach, Grand Challenges Canada has supported a pipeline of over 1,300 innovations in over 100 countries. Grand Challenges Canada estimates that these innovations have the potential to save up to 1.78 million lives and improve up to 64 million lives by 2030.

Grand Challenges Canada is hosted in Toronto at the Sandra Rotman Centre at the University Health Network.

For more information, please see: <http://www.grandchallenges.ca/>

1.2 THE STARS IN GLOBAL HEALTH PROGRAM

The Stars in Global Health program supports Bold Ideas with Big Impact® from the best and brightest scientists and innovators, both in low- and middle-income countries and in Canada, to address some of the most pressing global health challenges. It provides funding to explore transformative ideas at proof-of-concept that apply Integrated Innovation® in order to sustainably bring solutions to scale.

The Stars portfolio is Grand Challenges Canada’s flagship portfolio to test the potential of new pipeline in areas of strategic interest for Grand Challenges Canada and our funders. The platform serves as an opportunity to test new strategies in order to improve the inclusivity and representation of innovations across the organization. It is also a flexible and responsive platform that allows adaptability at each round of funding to meet the most salient development needs, such as improving access to sexual and reproductive health information, services and supplies, while mitigating the impact of pandemic control measures, for women, adolescents, children and LGBTQI+ people.

1.3 THE PROBLEM

Sexual and reproductive health and rights are fundamental to gender equality and the empowerment of women, adolescents, children and LGBTQI+ people. Although substantive progress has been made in addressing certain components of sexual and reproductive health and rights, these advances have been inequitable across and within countries. Moreover, in many settings, people continue to have insufficient access to sexual and reproductive health and rights services for neglected, but essential issues

such as adolescent sexuality and reproductive needs; sexual and gender-based violence; and child, early and forced marriage. These are all contributing factors that limit the ability of women, adolescents, children and LGBTQI+ people to realize their human rights and rights to health.

The COVID-19 pandemic has exacerbated the challenges in improving the sexual and reproductive health and rights of women, adolescents, children and LGBTQI+ people. Due to the associated economic and social impacts of the pandemic, these populations face significant barriers to access key sexual and reproductive health and rights education and services, reversing years of progress. The deprioritization of sexual and reproductive health and rights education and services during the pandemic is anticipated to have detrimental effects on the progress in improving the sexual and reproductive health and rights of women, adolescents, children and LGBTQI+ people. Despite the World Health Organization's interim guidance in June 2020¹ including reproductive health services as essential services to be maintained during the pandemic, many countries are struggling to balance the need to respond directly to COVID-19 while maintaining essential service delivery. With many countries instituting lockdowns, access to and demand for modern contraceptives and other sexual and reproductive health services, particularly for adolescents, have been affected.²

- It is projected that, for every 3-month lockdown period, an additional 2 million women and adolescent girls will be unable to access modern contraceptives and there could be up to 7 million unintended pregnancies due to pandemic related impacts. In addition to disruption of service delivery channels, social and community channels have also been disrupted which affects supportive and educational networks for sexual and reproductive health and rights information particularly for key populations like adolescents.
- Lockdown and isolation measures alongside economic insecurity have created difficult and potentially dangerous situations for many women and girls during the COVID-19 pandemic. It is reported that calls to helplines reporting intimate partner violence have increased five-fold in some countries as a result of the pandemic.³ It is projected that for every 3-month lockdown period, 15 million additional cases of sexual and gender-based violence will occur.
- The United Nations Population Fund projects that an additional 13 million child marriages and an additional 2 million cases of female genital mutilation will occur over the next decade, which would have otherwise been preventable.⁴ Due to the social and economic impacts of the COVID-19 pandemic on vulnerable groups, risk factors for early child and forced marriage and female genital mutilation, such as poverty, food insecurity and being out of school, are heightened, reversing years of progress.⁵

¹ WHO. (2020) Maintaining essential health services: operational guidance for the COVID-19 context – Interim Guidance 1 June 2020. <https://www.who.int/publications/i/item/WHO-2019-nCoV-essential-health-services-2020.1>

² Cousins, S. (2020) COVID-19 has “devastating” effect on women and girls. *The Lancet*. 396(10247): p301-302 doi: [https://doi.org/10.1016/S0140-6736\(20\)31679-2](https://doi.org/10.1016/S0140-6736(20)31679-2)

³ UN Women. <https://www.unwomen.org/en/what-we-do/ending-violence-against-women/research-and-data>

⁴ UNFPA. (2020) Impact of the COVID-19 Pandemic on Family Planning and Ending Gender-based Violence, Female Genital Mutilation and Child Marriage. https://www.unfpa.org/sites/default/files/resource-pdf/COVID-19_impact_brief_for_UNFPA_24_April_2020_1.pdf

⁵ Save the Children (2020) The Global Girlhood Report 2020 – How COVID-19 is putting progress in peril.

https://resourcecentre.savethechildren.net/node/18201/pdf/global_girlhood_report_2020_africa_version_2.pdf

Despite the significance and urgency of these challenges, there are limited resources to address these pressing sexual and reproductive health and rights needs for women, adolescents, children and LGBTQI+ people amidst the pandemic. There is a need to develop, test and scale up resilient innovations to mitigate the negative impacts of the pandemic on sexual and reproductive health and rights during this and future pandemics. This Round 11 Stars in Global Health Request for Proposals will enable Grand Challenges Canada to mobilize crucial resources and work to address this critical need.

2. Program Scope

2.1 AREAS OF FOCUS

We seek bold ideas that will improve the sexual and reproductive health and rights of women, adolescents, children and LGBTQI+ people in Sub-Saharan Africa. The bold ideas are expected to improve the access, use and quality of comprehensive sexual and reproductive health education and services *and* to be resilient to pandemic control measures like those introduced to control COVID-19. Of particular interest to Grand Challenges Canada are innovations that improve responses to sexual- and gender-based violence.

Proposed innovations must be bold, innovative and designed with and for people who are not adequately served by current approaches to sexual and reproductive health and rights. All innovations must demonstrate a rights-based approach, the principle of “do no harm” and must be gender-affirming/sensitive and inclusive to the extent possible. Proposed innovations must have the potential to be sustainable at scale and all proposals must demonstrate their relevance in the context of current and potential pandemic responses. Ultimately, Grand Challenges Canada is looking for innovations that seek to improve the access and demand for quality sexual and reproductive health and rights information, supply and services that lead to at least one of the following **priority outcomes**:

- Increase met need for comprehensive contraception care and education
- Decrease rates of sexual and gender-based violence
- Decrease in the impact of sexual and gender-based violence
- Decrease in the incidence of female genital mutilation
- Decrease in the incidence of child, early and forced marriage

We encourage proposals for innovation in all forms – technologies, products, services, processes, business models, policy approaches, and/or delivery mechanisms.

We highly encourage organisations based in Western and Central Africa, and organizations led by women or non-binary individuals, to apply to this Request for Proposals.

2.2 GEOGRAPHIC SCOPE

Proposed innovations must be implemented or tested in Sub-Saharan Africa (see Appendix A for the list of eligible countries) during the project period.

2.3 TARGET USERS

While we greatly encourage the involvement of men and boys, the intended target users of proposed innovations must be underserved populations including women, adolescents, children and LGBTQI+ people in low- and middle-income countries in Sub-Saharan Africa.

2.4 AVAILABLE FUNDING

Successful proposals will be awarded seed grants of up to \$100,000 CAD for up to 12 months to develop and test the proposed innovation. Assuming a sufficient number of proposals of merit are received, we aim to award approximately 60-70 seed grants in this round. We anticipate that at least 80% of the awardees will be from low- and middle-income countries, with 20% from Canada. Please note that a maximum of one (1) award will be made within each UMIC (i.e., to the top-ranked applicant from a given UMIC), see Appendix A.

While matched funding is not a requirement at the seed funding stage, all innovators are encouraged to secure co-funding. Initiating early strategic partnerships can improve the sustainability of an innovation by creating early buy-in and providing resources and expertise that may prepare teams for the Transition-to-Scale process, which requires matching funds through partnerships.

Please note: All successful applicants must take up the grant (begin the project period) no later than July 30, 2022. Any deferral beyond this period may result in the forfeiture of the award.

Please note: All successful applicants must complete their project within 12 months. Exceptions are at Grand Challenges Canada's sole discretion.

Transition to Scale funding

A limited number of innovations funded through this Request for Proposals may be invited to apply for Transition to Scale funding to support the refinement, testing and growth of innovative solutions that have already achieved proof of concept. Transition to Scale projects are expected to demonstrate expanding, real-world impact on sexual and reproductive health and rights and move towards scale and sustainability. Transition to Scale projects require support from partners who bring both matched funding and the necessary skill sets to the innovations to operate sustainably at scale. Please visit <http://www.grandchallenges.ca/programs/transition-to-scale/> for further information on Transition-to-Scale funding.

2.5 INNOVATION

We encourage proposals for innovation in all forms: technologies, products, services,

processes, business models, policy approaches and/or delivery mechanisms.

Projects are encouraged to have an [Integrated Innovation](#)® approach that coordinates scientific/technological, social and/or business innovation, to develop solutions to complex challenges. This does not discount the singular benefits of each of these innovation types, but instead highlights the powerful synergies of aligning any of the three. Therefore, your solutions should include any of the following three areas:

- **Scientific/technological innovation** – has a base in the psychological, natural, health or behavioral sciences or in engineering or economics; can be simple as there is no requirement for high-tech solutions
- **Social innovation** – recognizes and/or addresses the broader social, structural and/or political determinants of health, with a particular focus on gender and intersectional inequalities; addresses local and/or cultural contexts that factor into implementation and scaling
- **Business innovation** – maximizes the value, relevance and unique quality of the solution to create demand and financial sustainability; addresses barriers to affordability and accessibility.

2.6 FOCUS ON RESULTS

Grand Challenges Canada's ultimate goal is to save and improve lives in low- and middle-income countries and fund projects with real-world impact on the sexual and reproductive health and rights of women, adolescents, children and LGBTQI+ people. All proposals, should provide an overview of the monitoring, evaluation and learning activities that will take place during the project period, including:

- How proof of concept is defined and how this will be assessed;
- Plans to evaluate the effects on sexual and reproductive health and rights; and
- A strategy to identify shortcomings, challenges, and unexpected results.

Proposals must include short, medium and long-term indicators, and a description of how these will be monitored and evaluated over the life of the project. Innovators are expected to report against any indicators listed in Appendix B that are relevant to demonstrating success of their innovation. For innovations that are not able to demonstrate proof-of-concept, it is expected innovators will be able to articulate why their innovation did not work in order to accelerate progress in the sector.

Projects are expected to demonstrate measurable change in at least one of the primary outcomes. How we define success:

- Evidence that the innovation leads to one of the **priority outcomes** (as outlined in Section 2.1) for unserved or underserved women, adolescents, children and LGBTQI+ people;
- Evidence that the innovation works in the context of pandemic control measures (e.g., lockdowns, stay-at-home orders, curfews);
- Feasible plans for how the innovation can be sustained in the target region and/or scaled across a larger region; and
- Evidence of demand from key stakeholders

Communicating results is an important part of the project's accountability to Grand Challenges Canada and other key stakeholders. Innovators should consider how results will be disseminated in order to drive the innovation's impact, scale and sustainability. While communicating results through scientific publications is encouraged, this should not be the primary objective of any funded project without a well-articulated justification that this is a critical path to impact.

2.7 SCALE AND SUSTAINABILITY

Grand Challenges Canada expects that the most successful innovations it funds will eventually be scaled up through partnerships, either with the private sector, the public sector or a combination of both, and that scaling will be carried out with the goal of achieving meaningful health impact for unserved and underserved populations in low- and middle-income countries. Applicants should convincingly show in their application how and why they believe their projects will eventually be scaled by one or both of the following pathways:

- Private sector scaling paths are suitable for projects that are commercially viable or provide value to attract a private sector partner, either because production costs and sales prices are such that they are profitable, or users demand the innovation and are willing to pay for it themselves.
- Public sector scaling paths are suitable for projects that are likely to compel host country government ministries and departments, multilateral donors or other public sector players to scale them. These should be aligned to, and have the ability to be incorporated into, the country's national health plan or strategy.

Seed funding should enable innovations to begin positioning themselves along a path to scale by the end of the project, taking into account the following factors:

- the state of local infrastructure;
- social, political, and economic forces;
- the capacity of the institution and its leadership;
- potential strategic and implementation partners;
- available funding and revenue streams; and
- other potential barriers to scale.

Projects are recommended to leverage local systems where this will lead to efficiencies and to meaningfully engage the women, adolescents, children and LGBTQI+ people who are meant to benefit from the proposed innovation in order to increase the likelihood of scale-up. This should include an understanding of:

- how the innovation relates to local priorities (e.g., national/regional health plans);
- why the innovation would be preferred over alternatives; and
- push/pull mechanisms supporting market formation and consumer demand.

The plan should clearly define the geography or context of use at scale, as well as exit strategies from grant funding.

2.8 TEAM LEADERSHIP

Project Team

To achieve impact at scale, bold ideas need to be championed by effective, results-driven leaders with the capacity to convene and engage with key influencers. Multidisciplinary and cross-sector teams are encouraged. Effective project teams need experience, or a plan to engage relevant expertise, in:

- sexual and reproductive health and rights;
- monitoring and evaluation;
- data analysis and statistics;
- business and/or public sector engagement; and
- working in the implementation region/country.

Social entrepreneurs interested in applying should ensure they have the legal capacity to enter into a contract with Grand Challenges Canada. Grand Challenges Canada does not fund individuals, sole-proprietorships, partnerships, unincorporated trusts or any entity that does not have the legal capacity to enter into a contract.

Understanding of Local Context

To help ensure sustainable impact at scale, it is essential that project teams and their collaborators have an understanding of the local infrastructure and governance context (including relevant laws and regulations) and the social, political and economic context. This includes local cultures, traditions and beliefs and the stigma and discrimination faced by women, adolescents, children and LGBTQI+ people. Similarly, it is also important that project teams and their collaborators are appropriately connected to the target populations and communities.

This will help projects better understand the health status and needs of the community, as well as identify risks to project success. Innovators are encouraged to work within priority areas identified by local or domestic governments. Where they exist, innovations should build upon local systems which are able to reach the target population that support health and/or development or address broader determinants of health. Determinants of health include poverty, inequality (including gender inequality), education and literacy, age, gender identification, race, and access to water and sanitation resources. Innovations should be relevant to low resource settings, and benefits of these innovations must target marginalized and vulnerable populations of low- or middle-income countries.

Stakeholder Engagement

Success and acceptability of any innovation in the sexual and reproductive health and rights space is predicated on fruitful and strong engagement with the following key stakeholders:

- peers
- family
- local communities
- health and social programs and services
- regional, national and global environments

Stakeholders should be engaged from beginning (project design) to end (results dissemination). Based on this, your project should be guided and supported by:

- youth
- families
- communities and community leaders
- businesses
- healthcare providers and institutions
- teachers
- policy makers
- governments
- international agencies

2.9 WHAT WE WON'T FUND

We won't fund:

- 1) Projects involving establishing proof-of-concept of innovations for which the core intellectual property rights are owned by a third-party institution, unless that third party:
 - a) grants the applicant sufficient license rights to the innovation to permit eventual scaling in low- and middle-income countries; or
 - b) signs an undertaking to comply with our [Global Access Policy](#).
- 2) Projects similar to ones Grand Challenges Canada has already funded – please review our [searchable database of funded innovations](#) for more information on previously funded projects.
- 3) Projects implementing in countries **NOT** listed in Appendix A.
- 4) Projects that are focused strictly on capacity building and/or advocacy and do not involve the testing of an innovative proof of concept.

3. Application and Review Process

All proposals go through a multi-step review process before the Board of Directors (BoD) of Grand Challenges Canada, makes a final funding decision.

SEED FUNDING SELECTION PROCESS



*Grant negotiations are estimated to take three months. Negotiations for this round of funding are expected to take place in two cohorts with two timelines, impacting anticipated project start dates.

Key Dates	Event
May 20, 2021 at 2:00pm EDT (6:00pm UTC)	Deadline to register for a Fluxx account (gcc.fluxx.io) Note: If you have applied for funding in the past, you already have an account. If you do not remember your password, you can reset it and gain immediate access to the Portal. Simply click on Create or reset password .
June 3, 2021 at 2:00pm EDT (6:00pm UTC)	Application submission deadline
October 2021	Notification of approval or rejection
October 2021 to March 2022	Negotiation of award
January to April 2022	Anticipated project start date

3.1 INSTRUCTIONS FOR APPLICATION PORTAL (FLUXX)

To apply for funding, applicants must use the online application provided, which is only accessible via the Grand Challenges Canada's Fluxx Portal (gcc.fluxx.io). You **MUST** register for an account by 2:00pm EDT (6:00pm UTC) May 20th, 2021

Grand Challenges Canada cannot provide application questions via email and proposals submitted through email will not be considered. Google Chrome is the recommended browser (DO NOT use Internet Explorer).

- 1) Go to <https://gcc.fluxx.io>.
 - a) If you have applied for funding in the past, you **already** have an account. If you do not remember your password, you can reset it and gain immediate access to Fluxx -- simply click on the [Create or reset password](#) link.

- b) If you are a **new** user (or the “forgot password” option does not work), click the Create an account button. It will take up to three business days to receive your login credentials and may take longer during peak periods. Be sure to do this as soon as possible, so you have sufficient time to review and complete the application.
 - i) Once your information has been processed, you will be emailed a username and a URL link to set up a password of your choice. Click on the URL link provided in the email to select a password of your choice.
 - ii) If registering for a new account on behalf of a colleague, you must enter all information (including the date of birth) of the applying Project Lead and the applying Organization. These names will display on the application form and cannot be changed without contacting Grand Challenges Canada.
- 2) Once you have access to an account, input your username and password. Click **Sign in**.
- 3) Click on the Welcome link on the left menu, scroll down, click on the **Start an Application** button.
 - a) You can **Save** your work at any time and return to it later by logging into your account and clicking on **Drafts**, then clicking on **Edit**.
 - b) When you are done editing, save your form and click the **Submit** button. Once you submit, you will no longer be able to edit.
 - c) **You MUST submit your application via Fluxx by 2:00pm EDT (6:00pm UTC) June 3rd, 2021.**

For more details on the steps above (including screen shots), see the [Fluxx Quick Reference Guide](#) which describes how to create a Fluxx account, how to reset the password on an existing account and other helpful tips on navigating Fluxx and the application form. If you require technical assistance with registration or the online application, contact Grand Challenges Canada’s Fluxx Technical Support Team at <http://www.grandchallenges.ca/fluxxsupport/>.

Innovator Toolbox

Applicants are encouraged to access Grand Challenge Canada’s online [Innovator Toolbox](#), which contains materials to help researchers and innovators to develop their project proposals and to plan for how their innovation can be sustainably scaled and have global impact.

Our [Gender Equality Portal](#) provides a set of gender equality tools.

3.2 ELIGIBILITY CRITERIA

Before moving forward in the review process, all applications will be screened for eligibility based on the below criteria.

- 1) The applicant must be a non-profit organization, for-profit company, research/academic institution, limited liability companies or any other legal institution that

is incorporated in an eligible jurisdiction, as listed in Appendix A, and is capable of receiving and administering funding.

- 2) Applications must include all required information and address all questions. Only complete applications will be considered for review.
- 3) Applications must be submitted in either English or French.
- 4) A majority of the applicant's activities and budget must be carried out/spent in Sub-Saharan Africa (as listed in Appendix A).
- 5) Grand Challenges Canada may, at any time and at their sole discretion, modify eligibility criteria with respect to an applicant, Project Leads and/or eligible countries, to the extent that such modifications do not materially undermine the review process.

Please note:

- Grand Challenges Canada must approve any changes in applicant organization from the originally funded grant
- Grand Challenges Canada must approve any changes to the original application relating to the applicant organization or Project Lead
- Grand Challenges Canada will require Canadian applicants to collaborate with innovators from the country of implementation
- Project Leads must get their affiliated institution's sign-off before submitting any application

3.3 INNOVATION SCREEN

Applications that are deemed eligible will move forward to the Innovation Screen stage. During this stage, the Project Summary section will be assessed by Grand Challenges Canada staff and external advisors based on the below criteria. **ONLY** the Project Summary section will be read at this stage, so ensure these questions are adequately addressed.

1. Relevance

- Does the proposed idea have the potential to lead to one of the priority outcomes, as described in Section 2.1?
- Does the proposed idea apply primarily to unserved or underserved women, adolescents, children and/or LGBTQI+ people in Sub-Saharan Africa?

2. Innovation

- Is the proposed idea bold and does it demonstrate more than an incremental improvement over current approaches?
- **Does the proposal demonstrate how the innovation will be resilient in pandemic settings?**

3.4 EXTERNAL PEER REVIEW

Applications that are deemed relevant and innovative will move forward to the External Peer Review stage. At this stage, an independent expert peer review panel of external scientific, social and business experts – including innovators (past and/or present) – will review the full application using the below criteria.

Evaluation Criteria

1. Impact
 - Is the proposed idea designed for women, adolescents, children and/or LGBTQI+ people in Sub-Saharan Africa who are not served by current approaches?
 - Is there a high potential for impact on one of the priority outcomes, as described in Section 2.1?
 - Does the proposed idea have the potential to fundamentally transform how a sexual and reproductive health and rights challenge is addressed?
 - Is there a potential for scale and sustainability after the proof-of-concept is established?
2. Innovation
 - Is the proposed innovation bold and does it demonstrate more than an incremental improvement over current approaches?
 - Does the proposed idea integrate scientific/technological, social and/or business innovation?
 - **Does the proposal demonstrate how the innovation will be resilient in pandemic settings?**
3. Project Execution Plan
 - Is the project designed to demonstrate proof-of-concept of the idea?
 - Is the monitoring and evaluation plan designed to demonstrate proof-of-concept of the idea by the end of the project?
 - Is the project technically sound and feasible within the seed grant funding and timeline (CAD \$100K over 12 months)?
 - Does the proposal take into account and aim to address the gender equality, environmental sustainability, and human rights based approach objectives (described in Section 5.4)?
 - Does the project recognize potential risks and present potential mitigation strategies?
4. Leadership Capability to Champion Change
 - Are the Project Lead and key team members appropriately experienced to carry out the proposed scope of work?
 - **Are the project team and collaborators appropriately connected to the target populations and communities?**
5. Value for Effort
 - Are the scope of the proposed work and the funds requested reasonable and commensurate with the proposed proposal goals?

3.5 FUNDING DECISIONS

The External Peer Review will result in a ranked list of applications. Based on these results, Grand Challenges Canada will make funding recommendations to the Board of Directors of Grand Challenges Canada, which will make the final funding decisions at the Board's sole discretion, including its reserved rights set out in Section 5.8. Based on the results of the review panel or during the negotiations process, refinements to the proposed project plan, structure, amount and oversight may be required before a funding agreement is finalized.

4. Activities and Deliverables

Innovators funded under this program will be expected to engage in the following activities and provide the specific deliverables listed below in order to demonstrate project progress and success:

- 1) Performance reporting focused on utilization of funds, learnings and outcomes achieved. The frequency of reporting will be every three or six months, depending on our assessment of project and institutional risk.
- 2) Dissemination of knowledge in a timely manner, including through:
 - social media
 - open access publications
 - depositing of data (with individual identities protected) into publicly accessible repositories
 - press releases
 - conferences
 - stakeholder engagementGrand Challenges Canada must be acknowledged in any dissemination of knowledge activities.
- 3) A final report accounting for financial expenditures, that captures a clear assessment of project impact. Please note that a 5% hold back of funds will be applied to all funding under this program, to be released to innovators upon submission of a satisfactory final report and full justification of costs.
- 4) Continued post-grant updates on impact, global access, data access and management of intellectual property rights in supported innovations.

Instructions for reporting will be provided to successful recipients. Written progress reports and conversations via teleconference may be required to satisfy reporting requirements.

In addition to the above-mentioned activities, innovators will be expected to:

- participate in safe public engagement activities; and

- contribute to the learning agenda for specific challenges, including participation in meetings such as annual Grand Challenges meetings, as requested.

Funded innovators must retain supporting project documentation until March 31, 2031 after the end of the Grant Agreement, including financial records, and may be audited by Grand Challenges Canada or any funders of this initiative. Associated requirements, as well as the full and detailed listing of activities and deliverables will be reflected in the Grant Agreement.

5. Guiding Principles and Additional Terms

This section reflects a high-level outline of Grand Challenges Canada's guiding principles and terms of funding. Should they be selected for funding, innovators will be required to comply with the related policies. These policies may be updated from time to time and can be found on the Grand Challenges Canada website – see [Innovator Resources](#).

5.1 FINANCING TERMS

5.1.1 Eligible Costs

The following provides a high-level overview of costs directly related to the implementation of the Project which are eligible under Grand Challenges Canada funding. For more information, please refer to the Grand Challenges Canada [Cost Directive](#).

Remuneration – Funding Recipient's Employees

Remuneration includes salary and daily wage rates paid to employees for work directly related to the Project. Salary and wage rates should be comparable to the local market for similar types of work. The following costs are considered remuneration: direct salaries and benefits in accordance with internal policies.

Subcontractor Fees

Subcontractors are external individuals or groups who are engaged by an Innovator to provide goods and/or services as part of the Project. Payments are made under a subcontract agreement. The Innovator and the subcontractor must have an arm's length relationship to avoid real or perceived conflicts of interest. The total subcontracting shall not exceed twenty percent (20%) of the total value of Grand Challenges Canada's contribution.

Individual rates or amounts negotiated under a subcontract agreement must comply with the requirements of GCC's [Contracting and Procurement Policy](#) and shall not exceed the fair market value for the service or good in question. Contracts greater than \$25,000 annually, must be tendered competitively, unless there is a valid reason not to, which would require prior approval from GCC.

Travel Costs

Actual and reasonable travel costs directly related to the implementation of the Project and incurred by the Innovator in accordance with the provisions of GCC's [Travel Policy](#) are eligible expenses.

Goods and Supplies

Actual and reasonable costs arising from the purchase, rental, maintenance, transportation, and installation of goods, assets and supplies directly related to the Project, provided that such costs do not exceed the fair market value and are eligible expenses.

Equipment Costs

"Equipment" is defined as a good with a useful life of more than one year and costs more than \$1,000 CAD per unit. The price paid for this expense must be reasonable compared to alternative options in the market. Costs may include the basic purchase price, freight, and installation of the equipment.

Equipment which costs more than \$25,000 annually, must be tendered competitively in accordance with GCC's [Contracting and Procurement Policy](#), unless there is a valid reason not to, which requires prior approval from GCC.

Project Administration Costs

Actual and reasonable administrative costs directly related to the implementation of the Project are eligible. These include:

- Telecommunication expenses (internet, fax, cellular), mail and courier costs;
- Translation and word processing costs, printing and production costs associated with Project reporting and production of reading material;
- Meeting, workshops, conference costs (includes; meal and travel costs for participants);
- Costs related to office space and associated utilities, required to implement the Project;
- Publication fees during the Project period;
- Ethical approvals and review board costs; and
- Other administrative type of expenditures relating directly to project activities.

Sub-grants

A sub-grantee is defined as an external organization that acts like a partner to provide key services required to complete the Project and cannot be easily replaced by a vendor or supplier. Sub-grantee costs are eligible expenses as long as the following requirements are met:

- Sub-grantees must be legal entities, which can enter into legal agreements;
- Sub-grantees are subject to the same eligible expense requirements and policies as the Innovator; and
- Sub-grantees must keep track of expenses incurred in a detailed general ledger and submit this detailed general ledger to GCC with the Innovator's final financial report

Indirect/Overhead Costs

Innovators are entitled to indirect costs, calculated as 10% of all direct costs. Indirect costs are costs that cannot be directly traced to a specific project activity.

Innovators must consistently charge costs as either indirect or direct costs and must not double charge or inconsistently charge the same cost, or categories of costs, as both.

Please note: Only costs incurred during the project period are considered eligible. Any expenses incurred after the project end date cannot be allocated to Grand Challenges Canada's funding.

5.1.2 Terms of Disbursement

- 1) Advance Disbursement: An initial advance equal to the estimated cash flow requirements for Eligible Costs forecasted for the first period will be made following signature of the Grant Agreement and any agreed upon milestones. Subsequent payments will be made through quarterly or semi-annual advances based on the estimated cash flow requirements for Eligible Costs. Advances will be subject to a 5% holdback on the amount forecasted.
- 2) All advance requests and financial reports submitted shall be signed by a senior executive holding a certified professional accounting designation and the Project Lead.
- 3) Outstanding Advances: Advance Disbursements cannot cover more than two periods and at no time shall there be outstanding advances covering the cash flow requirements of more than two periods. For example, before an advance payment is issued for a third period, the first period must be accounted for.
- 4) Separate Bank Account and Interest Earned on Advance Disbursements: a separate bank account, bearing interest, shall be maintained for the project.
- 5) Final disbursement will be subject to the following conditions:
 - a) The Project is completed in accordance with the grant agreement; and
 - b) Grand Challenges Canada has received and accepted all Final Reports, including completion and submission of any outstanding milestones and documentation due under the grant agreement.

5.1.3 Audit

Project expenses will be subject to audit by Grand Challenges Canada until March 31, 2031 following the termination of the grant agreement between Grand Challenges Canada and the funding recipient.

5.2 SUBMISSION MATERIALS AND PRIVACY NOTICE

To help us in the evaluation and analysis of projects, all proposals, documents, communications, and associated materials submitted to Grand Challenges Canada (collectively "Submission Materials") may be shared with Global Affairs Canada, and/or

with other funding and/or strategic partners and may be publicly disclosed. By submitting any Submission Materials to Grand Challenges Canada, each applicant thereby grants to Grand Challenges Canada and Her Majesty the Queen in right of Canada (“Her Majesty”) a worldwide, perpetual, irrevocable, non-exclusive, non-commercial, free of charge and royalty free license to use, reproduce, adapt, modify, improve, develop, translate, publish, disseminate, distribute, communicate to the public by telecommunication and display the Submission Materials, in whole or in part, in any form, media, or technology now known or later developed, including the right to authorize others to do such acts and the right to sublicense such rights to others, on the same terms. Each applicant also thereby waives any and all moral rights that it has in the Submission Materials in favor of Grand Challenges Canada, Her Majesty, and each of their sub-licensees, successors, representatives, assigns, employees and agents.

The proposals will be subject to external review by independent subject-matter experts, advisors, and potential co-funders (the results of which will be confidential), in addition to analysis by our staff. Please be advised that a copy of the external reviews for each submitted proposal will be shared with Grand Challenges Canada staff and may be disclosed to Grand Challenges Canada Board of Directors.

Please carefully consider the information included in the Submission Materials. If you have any concerns about the disclosure of confidential or proprietary information (including information related to inventions), please advise us as soon as possible and in any event prior to disclosure of such materials to Grand Challenges Canada. We also recommend you consult with your legal counsel and take any steps you deem necessary to protect your intellectual property. You may wish to consider whether such information is critical for evaluating the submission and whether more general, non-confidential information may be adequate as an alternative for these purposes.

Grand Challenges Canada will attempt in good faith to respect the confidentiality of information that is received in Submission Materials, if it is clearly marked “Confidential”. Nonetheless, notwithstanding your characterization of any information as “Confidential”, Grand Challenges Canada reserves the right to publicly disclose all information contained in Submission Materials as may be required by law and as is necessary for potential co-funders, advisors, and external reviewers (such as government entities) to evaluate them and the manner and scope of potential funding, consistent with appropriate regulations and their internal guidelines and policies. Grand Challenges Canada expressly disclaims any and all liability that may arise from disclosure of confidential information contained in Submission Materials.

Privacy Notice

In order to conduct due diligence and audits, and to manage and monitor the performance of a grant agreement, Grand Challenges Canada may collect personal information (such as names, addresses, employment history, criminal and other legal checks where legally permissible) about some of a successful applicant’s directors and officers, employees, project lead(s), and others engaged on the project before and during the course of the grant agreement. Some of this personal information is collected for the purpose of complying with applicable legal and policy requirements that apply to Grand Challenges Canada and our funders in order to provide the funding and services by Grand Challenges Canada under a grant agreement. Refusing to provide information

that GCC needs in order to conduct required legal and contractual due diligence may impact GCC's ability to provide such funding and services and may result in not being able to enter into a grant agreement with you or early termination of a signed grant agreement. Grand Challenges Canada's [Privacy Policy](#) explains how Grand Challenges Canada collects, use, discloses, and protects the personal information that it collects and receives.

5.3 WARRANTY

By providing any Submission Materials, applicants represent and warrant to Grand Challenges Canada that they have the right to provide the information submitted.

5.4 GENDER EQUALITY, ENVIRONMENTAL SUSTAINABILITY & HUMAN RIGHTS BASED APPROACH

Grand Challenges Canada is committed to furthering the principles of environmental sustainability, gender equality and human rights based approach as follows:

Environmental Sustainability: Grand Challenges Canada requires that applicants commit to ensuring that the innovation will not have significant adverse environmental effects including, but not limited to, long-term and cumulative effects. Applicants shall ensure that the management of environmental effects, including any analysis, is carried out in accordance with the environmental processes and requirements of Grand Challenges Canada. Where possible, applicants should incorporate having positive environmental effects throughout the project.

Gender Equality: Grand Challenges Canada is committed to furthering principles of gender equality in the innovations it funds and across the organization. Specifically, Grand Challenges Canada is supportive of the following objectives: (1) advancing women, girls, boys, men and LGBTQI+ people's equal participation as decision-makers in shaping the sustainable development of their societies; (2) promoting the realization of the human rights of all genders; and (3) reducing gender inequalities in access to and control over the resources and benefits of development. We believe that supporting gender equality is an important objective in and of itself, and that by using a gender lens in the sourcing and management of development innovations, sustained impact will be bolstered. Applicants shall explicitly and systematically implement the gender equality commitments identified by Grand Challenges Canada and its funders at all steps of the funded project.

Human Rights Based Approach: Grand Challenges Canada acknowledges the considerable gaps in equality, access and justice across gender, race, ability and socio-economic status and in response we are committed to advancing and upholding Human Rights across all of our work and investments. Towards meeting this essential commitment, we look for proposals and investments that are community-driven and promote power sharing, inclusion, equity, transparency, and accountability.

If selected for funding, as part of their grant agreement, innovators will be required to comply with the Grand Challenges Canada policies regarding these cross-cutting themes, as well as others.

5.5 GLOBAL ACCESS AND INTELLECTUAL PROPERTY IN FUNDED INNOVATION

The solutions supported by this program comprise innovative technologies, services, business models, knowledge and/or products to promote global health in low- and middle-income countries. The successful development and deployment of these solutions in order to ensure meaningful access for persons in low- and middle-income countries may require involvement by, support of, and/or collaboration with multiple organizations, including the private sector, government, and academic and/or non-profit research institutions. Accordingly, it is the intent of this program to support the formation of appropriate partnerships that are essential to meet these urgent global health needs. Successful applicants retain ownership of intellectual property rights in supported innovations, including those rights that arise in outputs of funded projects. Grand Challenges Canada aims, however, to ensure that any such intellectual property rights are utilized and managed in a manner that is consistent with achieving the goals of this program. Grand Challenges Canada's [Global Access Policy](#) (also see below) will guide our approach to intellectual property, and we urge all applicants to consider their willingness to submit an application in compliance with Grand Challenges Canada's [Global Access Policy](#), as it may be updated from time to time.

The guiding principles of **Global Access** are as follows:

- 1) Breakthrough solutions to global challenges are made accessible to those in need, particularly in low-resource settings. Accessibility relates to both price and availability.
- 2) Knowledge gained through discovery is broadly and, as promptly as possible, distributed between related projects and to the global scientific community.
- 3) Commercialization of resulting outputs is encouraged, as long as the first two principles are achieved.

Successful applicants will be required to:

- 1) **Commit to compliance with the Grand Challenges Canada [Global Access Policy](#);**
- 2) **Develop an Access Plan for making their innovations meaningfully accessible to persons in low- and middle-income countries, meaning broadly and quickly available at costs that are reasonable in the context; and**
- 3) **Sign a Global Access Agreement with Grand Challenges Canada, in line with the Guiding Principles, applicable to the innovative solutions and project outputs supported by this program.**
 - The Global Access Agreement may provide a non-exclusive license to intellectual property rights in supported innovations (including background intellectual property) and/or an agreement for distribution and supply of products, in each case permitting Grand Challenges Canada and its sublicensees to implement and disseminate products, processes, knowledge, or solutions in low- and middle-income countries in which applicants or their partners are unable to achieve meaningful accessibility.

Applicants should note that the above global access commitments survive the end of project activities.

5.6 GLOBAL ACCESS AND DATA ACCESS

In addition to the above approach with respect to intellectual property in funded innovations, Grand Challenges Canada is committed to optimizing the use of data to translate knowledge into life-saving solutions. To fulfill this objective, data generated with Grand Challenges Canada funding must be made available widely and rapidly to the Grand Challenges Canada community and the broader global health community through ethical and efficient data access practices. In accordance with global access, data access represents an elaboration of the second guiding principle of the Global Access Policy, which states that knowledge gained through discovery is broadly, and as promptly as possible, distributed between related projects and to the global scientific community.

The guiding principles of **Data Access** are as follows:

- 1) anonymized data will be shared as broadly and as promptly as possible to foster innovation and optimize prospects for the translation of knowledge into life-saving solutions;
- 2) respect for attribution, cultural diversity, scientific integrity, and the privacy of individuals and communities that contribute data will be appropriately considered in all data access activities;
- 3) collection, production, sharing and use of data will be consistent with applicable laws, regulations, and standards of ethical research conduct; and
- 4) the individuals and communities who enable and support inquiry, particularly those in low- and middle-income countries, be they research participants or investigators, benefit from data to the extent possible.

Innovators are required (1) to commit to compliance with the above Global Access and Data Access policies, (2) to ensure that intellectual property rights, including those of third parties, do not impede meaningful access to innovations and widespread dissemination of knowledge, (3) to develop a specific plan for implementation of the Global Access Policy and Data Access Policy (the “Action Plan”), and (4) possibly to enter into separate agreements that grant Grand Challenges Canada rights in project data, as well as certain rights in innovations if meaningful access is not attained (the “Global Access Agreements”).

Applicants will be required to develop and submit an Action Plan that specifies when and how findings and publications will be made openly accessible, how data access will be implemented, and the timeframe for data release.

At a minimum, ‘data’ refers to final, annotated quantitative and qualitative datasets, and accompanying information, such as metadata, codebooks, data dictionaries, questionnaires and protocols.

Grand Challenges Canada recognizes the value of intellectual property and commercialization, and the benefits of first and continuing use of data, but not prolonged

or exclusive use. In some cases, intellectual property protection, laws or regulations may delay or preclude access to data. In cases where an adequate justification has been provided, Grand Challenges Canada may grant a partial or complete waiver of the data access requirement.

5.7 RESEARCH ETHICS POLICY

It is the policy of Grand Challenges Canada that research involving human subjects, research with animals, and research subject to additional regulatory requirements must be conducted in accordance with the highest internationally recognized ethical standards. In order to receive funds from Grand Challenges Canada, initially and throughout the course of a research project, researchers must affirm and document compliance with the guiding ethical principles and standards outlined below:

- 1) Research involving human subjects must be conducted in a manner that demonstrates, protects, and preserves respect for persons, concern for the welfare of individuals, families and communities, and justice.
- 2) Research involving animals must be conducted in a manner that ensures their humane care and treatment.
- 3) Certain research endeavors, including but not limited to research with recombinant DNA, biohazards, and genetically modified organisms, may be subject to enhanced regulation and oversight.

While not necessary for this application and as applicable to the individual project, Grand Challenges Canada will require that, for each venue in which any part of the project is conducted either by the applicant organization or a sub-grantee or sub-contractor, all legal and regulatory approvals for the activities being conducted will be obtained in advance of commencing the regulated activity. We will further require you to agree that no funds will be expended to enroll human subjects until the necessary regulatory and ethical bodies' approvals are obtained. For further details, please see the Grand Challenges Canada [Ethics policy](#).

5.8 RIGHTS OF GRAND CHALLENGES CANADA

This Request for Proposals is part of a discretionary granting program. Submission of an application does not create a contractual commitment by Grand Challenges Canada to advance a grant to any applicant and/or enter into any contractual relationship.

Furthermore, all applicants acknowledge that the program may evolve and that all terms in this Request for Proposals are subject to change. In particular, Grand Challenges Canada reserves the right, in its sole discretion and without notice, to:

- 1) Cancel this Request for Proposals at any time and for any reason.
- 2) Amend and re-issue the Request for Proposals at any time and for any reason. This Request for Proposals is valid commencing on April 7, 2021 and supersedes any previous Request for Proposals of this nature. The terms and

conditions of this Request for Proposals apply to all applications submitted from April 7, 2021, going forward and may be replaced by a revised Request for Proposals in the future. Grand Challenges Canada recommends checking for any revisions to the Request for Proposals prior to the submission of your application materials.

- 3) Accept or reject any application that is non-conforming because it does not meet the eligibility criteria, does not comply with the application instructions and/or does not comply with the instructions for allowable costs.
- 4) Not award an application based on performance on a previous Grand Challenges Canada grant or project or based on the award of a grant to the applicant for the same or similar research by one of Grand Challenges Canada's partners or collaborating institutions.
- 5) Disqualify any application at any stage where there is an indication that the proposal was, in any way, plagiarized.
- 6) Accept or reject any or all applications, regardless of an application's rating based on the evaluation criteria, with or without providing an explanation.
- 7) Award fewer awards than expected.
- 8) Award applications with different funding amounts, different durations and/or different conditions than set out in this Request for Proposals.
- 9) Verify any information provided by applicants through independent research or by contacting third parties deemed to be reliable by Grand Challenges Canada and use that information to inform Grand Challenges Canada's funding decision.
- 10) Modify eligibility and evaluation criteria, including but not limited to criteria assessed at the triage stage, at any time.
- 11) Use video or other visual representation submitted by applicants on Grand Challenges Canada's website for public engagement.
- 12) Not provide critiques or feedback regarding the reasons a proposal was or was not selected.
- 13) Design grant awards to link to possible funding partners, including private sector investors.

5.9 COSTS

No payment will be made for costs incurred in the preparation and submission of an application in response to the Request for Proposals. Costs associated with preparing and submitting an application, as well as any other costs incurred by the applicant associated with the evaluation of the application, are the sole responsibility of the applicant.

5.10 GOVERNING LAW

This Request for Proposals and any resulting agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the federal laws of Canada applicable therein. Each applicant agrees that this any and all disputes, actions or proceedings relating to this Request for Proposals whether as to interpretation, validity, performance or otherwise, shall be subject to the exclusive jurisdiction of the courts of the Province of Ontario and each applicant and Grand Challenges Canada irrevocably attorn to the jurisdiction of the courts of such province.

5.11 RISK MANAGEMENT, SAFETY, ANTI-TERRORISM, ANTI-CORRUPTION & ANTI-BRIBERY

Proposals must comply with all relevant Canadian legislation, as well as any applicable international anti-bribery and anti-terrorism legislation. Any person or organization named in Canadian or United Nations Security Council sanctions will not be funded. We may add to this list as more partners join the challenge.

Innovators are to manage material risks.

Proposals for projects that include work in insecure locations, must detail how they'll manage the safety and security risks faced by people and assets. If selected for funding, during negotiations innovators will be required to explain how they'll avoid corruption and the diversion of funding from its intended purpose.

For example, during negotiations innovators will be asked to provide a description of the organization's policies and procedures to address conflicts of interest and financial or other irregularities, including without limitation, adequate procedures:

- requiring the organization and its representatives to declare any personal or financial interest in any matter concerning the funded activities, and exclude that individual from the matter concerned;
- identifying steps to investigate an irregularity; and
- a timely and appropriate plan of action to recover any funds that have been subject to proven fraud.

During negotiations, innovations will also be required to include a description of the organization's policies and procedures to adequately implement internal controls for preventing bribery, corruption, fraud, and other situations of misuse of funds.

Appendix A: Country Eligibility

Applicants affiliated with institutions incorporated in any of the countries listed in this Appendix and/or in CANADA are **eligible to apply**.

Countries highlighted in this list, those classified as Sub-Saharan Africa, are **eligible implementation countries**.

Applicants from Upper-Middle-Income Countries (UMICs): Please note that a maximum of one (1) award will be made within each UMIC (i.e., to the top-ranked applicant from a given UMIC).

Least Developed Countries	Other Low-Income Countries (per capita GNI ≤ \$1,005 in 2016)	Other Lower Middle-Income Countries and Territories (per capita GNI \$1,006-\$3,955 in 2016)	Other Upper Middle-Income Countries and Territories (per capita GNI \$3,956-\$12,235 in 2016)
Afghanistan	Democratic People's Republic of Korea	Angola	Albania
Bangladesh	Zimbabwe	Armenia	Algeria
Benin		Bolivia	Antigua and Barbuda
Bhutan		Cabo Verde	Argentina
Burkina Faso		Cameroon	Azerbaijan
Burundi		Congo	Belarus
Cambodia		Côte d'Ivoire	Belize
Central African Republic		Egypt	Bosnia and Herzegovina
Chad		El Salvador	Botswana
Comoros		Eswatini	Brazil
Democratic Republic of the Congo		Georgia	China (People's Republic of)
Djibouti		Ghana	Colombia
Eritrea		Guatemala	Costa Rica
Ethiopia		Honduras	Cuba
Gambia		India	Dominica
Guinea		Indonesia	Dominican Republic
Guinea-Bissau		Jordan	Ecuador
Haiti		Kenya	Equatorial Guinea
Kiribati		Kosovo	Fiji
Lao People's Democratic Republic		Kyrgyzstan	Gabon
Lesotho		Micronesia	Grenada
Liberia		Moldova	Guyana

Madagascar		Mongolia	Iran
Malawi		Morocco	Iraq
Mali		Nicaragua	Jamaica
Mauritania		Nigeria	Kazakhstan
Mozambique		Pakistan	Lebanon
Myanmar		Papua New Guinea	Libya
Nepal		Philippines	Malaysia
Niger		Sri Lanka	Maldives
Rwanda		Syrian Arab Republic	Marshall Islands
Sao Tome and Principe		Tajikistan	Mauritius
Senegal		Tokelau	Mexico
Sierra Leone		Tunisia	Montenegro
Solomon Islands		Ukraine	Montserrat
Somalia		Uzbekistan	Namibia
South Sudan		Vanuatu	Nauru
Sudan		Viet Nam	Niue
Tanzania		West Bank and Gaza Strip	North Macedonia
Timor-Leste			Palau
Togo			Panama
Tuvalu			Paraguay
Uganda			Peru
Yemen			Saint Helena
Zambia			Saint Lucia
			Saint Vincent and the Grenadines
			Samoa
			Serbia
			South Africa
			Suriname
			Thailand
			Tonga
			Turkey
			Turkmenistan
			Venezuela
			Wallis and Futuna

Appendix B: Key Indicators

Key Indicators

If your project is funded, you will be required to report on a number of outcomes and outputs, including those summarized below. Please note that this is not a complete list, and the outcomes and outputs will be determined by the project team in consultation with Grand Challenges Canada.

Ultimate Outcomes

The ultimate outcomes are the long-term impacts resulting from the innovation. Ultimate outcomes should be achievable and measurable by the end of the funding period. The ultimate outcomes that the Stars in Global Health program focuses on are the number of lives improved and the number of lives saved, as a direct result of the innovation.

Intermediate Outcomes

Intermediate outcomes are the medium-term changes resulting from the innovation. These outcomes should be achievable and measurable within the time and resource constraints of the project, and directly linked to the project's outputs. Intermediate outcomes include:

- Number of people using the innovation
- Number of intermediaries using the innovation (“intermediaries” are the people who use the innovation to save or improve lives, such as health workers or service providers)
- Number of people reporting changes in knowledge and awareness related to sexual and reproductive health and rights (if applicable)

Immediate Outcomes

Immediate outcomes are the short-term changes resulting from the innovation. These outcomes should be measurable relatively soon after the project is implemented and should be directly linked to the project's outputs. Examples of immediate outcomes include:

- Number of intermediaries with changes in knowledge or skills as a result of training on the innovation
- Number of project outputs, engagement with stakeholders, influence and contributions to policy change, peer reviewed papers, or patents filed (if applicable)
- Number of people receiving sexual and reproductive health and rights education (if applicable)

Outputs

Outputs are the products or services that are directly produced, developed, or implemented as part of the innovation. Examples of outputs include:

- Number of intermediaries trained on the innovation
- Number of jobs created as a result of the innovation