



Grand Challenges Canada™
Grands Défis Canada^{MC}

Integrated Innovation Workbook

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HOW TO USE THIS WORKBOOK

This workbook is a tool for anyone who wants to apply an Integrated Innovation approach to their work, but it may be particularly helpful for prospective applicants to Grand Challenges Canada's programs. It will lead the user through a series of questions that should be considered in the context of their global health solution. The answers to these questions may illuminate other components or activities to the planned work. For more information on Grand Challenges Canada and Integrated Innovation, please see www.grandchallenges.ca/integrated-innovation.

This workbook is not an application form. Please follow the instructions on how to apply and review the relevant criteria that are included in the Requests for Proposals. However, this workbook may be helpful in identifying important aspects of your solution that should be highlighted in an application. Applicants are also encouraged to access Grand Challenge Canada's Online Proposal Development Resource at www.grandchallenges.ca/proposaldevelopment, which is updated regularly and contains material to help researchers and innovators around the world develop their project proposals and plan for how their innovation will go to scale, be sustained and have impact globally.

Please send questions or comments about this workbook to info@grandchallenges.ca.

QUESTIONS

Scientific/Technological Innovation

Innovation with a scientific or technological base that can come from the natural, health, social or behavioural sciences or from engineering.

- How does your solution incorporate scientific or technological innovation?
- How is your scientific/technological innovation novel and unique?
- What is the current evidence for it?
- How will you validate and/or evaluate its effectiveness and what data are needed?

Social Innovation

Innovation that recognizes the broader social, structural, and political determinants of health, and addresses one or more of these to improve health outcomes. It addresses local and/or cultural contexts that factor into implementation and scale.

- How does your solution incorporate social innovation?
- How is your social innovation novel and unique?
- What social and cultural factors will impact the development and scaling up of your solution? As you explore this, consider:
 - How does the current political will and national policies impact adoption of the solution?
 - How will the solution be tailored to the local context? What core elements of the solution do not need to be tailored?
- Who will you engage to develop and scale up your solution within the target population? As you explore this, consider:
 - Is your solution acceptable and appropriate for the target population?
 - Who needs to be engaged to promote adoption of the solution?
 - Who needs to be engaged to promote sustainability of the solution?
 - What can you learn from individuals who refuse to use the solution?
- How does your solution address the broader social determinants of health for the problem you are addressing? As you explore this, consider:
 - What are the conditions in which individuals in the target population are born, grow, live, work and age?
 - How does the distribution of money, power and resources at global, national and local levels affect the effectiveness and adoption of your solution?

Business Innovation

Innovation maximizes the value, relevance and unique quality of the global health solution to create demand. It addresses affordability and accessibility barriers, and recognizes that someone (i.e., end users, funders, buyers) needs to be convinced that the solution is a worthwhile investment.

- How does your solution incorporate business innovation?

- How will your business approach incentivize use of the solution? As you explore this, consider:
 - Who is the target end-user for the solution?
 - What would prevent the target end-user from using the solution?
 - What are the socio-economic benefits of this solution?
- How does your solution address affordability? As you explore this, consider:
 - How much will the solution cost?
 - Who will pay for the solution?
 - What will convince them to pay for the solution?
- What is your model for scaling up and for eventual sustainability of your solution? As you explore this, consider:
 - How many people fit your target end-user profile locally, nationally and globally?
 - What systems or resources are in place that could be leveraged to produce, distribute and deliver the solution?
 - Are components of the solution commercially viable?
 - Does any part of the solution require intellectual property protection?