## Online appendix B: Stakeholder survey

## Introduction

The International Initiative for Impact Evaluation (3ie) is conducting a comprehensive scoping work to assess the supply of and demand for impact evaluation evidence on how science, technology, innovation, and partnerships (STIP) interventions enhance the effectiveness of development outcomes in low- and middle-income countries. One component of this work is this stakeholder survey, which will help assess the demand for evidence and will contribute to the identification of gaps in the current evidence base. We are reaching out to you due to your knowledge and experience with one or more of the components of STIP. Your input will help identify the priority evaluation questions for which more impact evaluation evidence is needed.

The focus of 3ie's survey is on impact evaluation evidence, which we define as evaluations that use experimental (randomized control trials) or quasi-experimental (e.g. regression discontinuity design, difference-in-difference, etc.) methods.

The survey results will be analyzed along with information collected through other stocktaking activities, including an evidence gap map that assesses the existing evidence base of impact evaluations and systematic reviews. The combined assessment of supply and demand will be presented in a scoping report that will be published and disseminated widely later this year.

It should take you about 10-15 minutes to complete the survey. We would appreciate if you respond to the questions by June $23^{\text {rd }}$.

Thank you very much for your input and time.

## Demographics

1. What is your name? (optional)
2. What is your email address?
3. In which country are you currently based?
4. What is your nationality?
5. What best describes your current level of responsibility?

ODirector/senior leadership (I hold a senior position at my organization and am involved in strategic leadership, direction, and higher-level management)
OMid-level manager (I hold a mid-level position at my organization. My job involves management of programs, functional teams, initiatives or research projects)
OAssociate (I hold a non-management position at my organization or a junior-level position)
OIndependent research/consultant
OProfessor/lecturer

OOther (please specify)
6. What category best describes the organization you work for?

ODevelopment NGO
OPublic aid agency
OFoundation
OUniversity/academia
OLow- or middle-income country government agency
OMultilateral agency
OPrivate consultancy/development contractor
Olmpact investment/social enterprise
OPrivate sector
OOther (please specify)
7. How long have you worked on issues related to STIP?

Oless than 2 years
O2-4 years
O5-9 years
O10-19 years
O20+ years
8. Which of the following types of activities do you work on in your organization? (select all that apply)

- Policy/advocacy
- Impact evaluation
$\square$ Program monitoring and evaluation
$\square$ Non-impact evaluation research
- Program design
- Program/project implementation
- Teaching/training
- Proposal development/new business
$\square$ Other (please specify)

9. Which of the following types of evidence do you use in your current work most often?

Please select no more than TWO.
$\square$ Program impact evaluation (experimental or quasi-experimental design)
$\square$ Program monitoring and evaluation (e.g. process evaluation data. Baseline and endline survey data, etc.)
$\square$ Sector-specific research/non-impact evaluation research (e.g. case studies)
$\square$ Anecdotal evidence

- Other (please specify)

10. In which regions do you have STIP experience? Check all that apply.
$\square$ Sub-Saharan Africa

- Middle East and North Africa
$\square$ East Asia and the Pacific (includes South-East Asia)
- South Asia
$\square$ Latin America and Caribbean
- Eastern Europe and Central Asia
- OECD countries

11. What thematic areas to you work directly in?

- Mobile technology
$\square$ Social entrepreneurship/impact investing
$\square$ Data and analytics
$\square$ Research \& development
$\square$ Science programs
- Higher education
$\square$ Partnership development
$\square$ Policy and regulation
- Technical assistance/capacity building
$\square$ Monitoring and evaluation
$\square$ Other (please specify)


## Science

12. We are considering different types of interventions that enhance the use of science for development programs. For the purpose of this work, we are defining science intervention categories as ones intended to promote and/or facilitate research in science and technology. Examples include grants, in-kind equipment donations, partnerships between researchers or education institutions, and government regulations and policies that promote teaching science, technology, engineering, and mathematics (STEM).

Do you feel that you have enough experience in this field to answer a few questions about science development interventions?
OYes
ONo
The following are the definitions we use for interventions under the science category. If after reading the definitions and questions, you don't feel you have the knowledge to answer the questions, please click the previous button of the page and change your response to 'No' and continue with the survey.

Fellowships, research project grants, and subsidies: funding for researchers at the graduate or post-graduate level to conduct existing or new research

Material resources: in-kind donations like lab equipment, to research institutions for the purposes of conducting research

Technical assistance: training on how to use science, technology, and methodology
Exchange, collaborations, and partnerships: formal and informal partnerships or other structures between researchers or research institutions for the purpose of scientific research or capacity building

Policy and regulation: local, regional, and national legislation or regulations that facilitate research for science and technology

Education programs for STEM: scholarships, teacher trainings and other programs for teaching STEM in primary and secondary educational settings
13. Do you thin think the following intervention types are effective for achieving intended outcomes?


Other (please specify)
14. What type of evidence do you use to assess the effectiveness of these intervention types? Please select no more than TWO for each intervention.

|  | Impact evaluation (experimental or quasiexperimental methods | Program monitoring and evaluation data (process evaluations, baseline and endline survey data) | Sector-specific research/nonimpact evaluation (case studies, cohort studies) | Anecdotal evidence |
| :---: | :---: | :---: | :---: | :---: |
| Fellowships, research project grants, and subsidies | $\square$ | $\square$ | $\square$ | $\square$ |
| Material resources | $\square$ | $\square$ | $\square$ | $\square$ |
| Technical assistance | $\square$ | $\square$ | $\square$ | $\square$ |
| Exchanges | $\square$ | $\square$ | $\square$ | $\square$ |
| Collaborations and partnerships | $\square$ | $\square$ | $\square$ | $\square$ |
| Policy and regulation for scientific research | $\square$ | $\square$ | $\square$ | $\square$ |
| Education programs for STEM | $\square$ | $\square$ | $\square$ | $\square$ |

Other (please specify)
15. From your perspective, what is the state of evidence for each of these intervention types? In terms of evidence, we are interested in effectiveness - what works and what doesn't.

Weak: We know very little about the effectiveness of these interventions Moderate: We know about the effectiveness of some of these interventions Strong: We know about the effectiveness of most of these interventions

| Strong |  |  |  |  |  |  | Moderate | Weak |  | Don't know |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fellowships, <br> research project <br> grants, and <br> subsidies | $\square$ | $\square$ | $\square$ | $\square$ |  |  |  |  |  |  |
| Material resources | $\square$ | $\square$ | $\square$ | $\square$ |  |  |  |  |  |  |
| Technical <br> assistance | $\square$ | $\square$ | $\square$ | $\square$ |  |  |  |  |  |  |



Other (please specify)
16. Consider how the intervention types below may contribute to improved development outcomes. For which THREE intervention types do you think more and better evidence of what works (i.e. impact evaluations) would be the most useful?
$\square$ Fellowships, research project grants, and subsidies
$\square$ Material resources
$\square$ Technical assistance

- Exchanges
- Collaborations and partnerships
- Policy and regulation for scientific research
$\square$ Education programs for STEM
$\square$ Other (please specify)


## Technology

17. We are considering different types of interventions that enhance technology development programs. For the purposes of this scoping work, we are defining technology as the use of digital and data technologies. Data broadly refers to the access to and efficient use of information that allows the public and non-profit sectors to make better decisions for policies and programming.

Do you feel that you have enough experience in this field to answer a few questions?

OYes
ONo
The following are the definitions we use for interventions under the technology category. If after reading the definitions and questions, you don't feel you have the knowledge to answer the questions, please click the previous button at the bottom of the page and change your response to ' $N o$ ' and continue with the survey.

Digital infrastructure: interventions that facilitate access to digital technology

Policy and regulation: local, regional, and national legislation or regulations that affect innovation ecosystems

Digital literacy: interventions intended to improve and individual's ability to use the internet and mobile devices

Digital inclusion: interventions that facilitate access to the internet and mobile phones for marginalized groups (women, the elderly, the poor, etc.)

Digital finance: interventions intended ot promote the use of digital technology for finance and money management

E-governance: interventions to facilitate the provision of government services using digital technology

Digital Identity: interventions that digitize and formalize identity
Data systems: interventions that use digital technology to improve data collection, management and use

Digital information and individual services: interventions that use digital and mobile information for all services other than finance

Technology assisted learning: interventions that use the digital or mobile technology to improve learning
18. Do you think these types of interventions are effective for achieving the intended outcomes?

|  | Ithink they are usually effective | I think they are sometimes effective | I think they are rarely effective | I think they are counterproductive | I don't have any evidence of whether they are effective / don't know |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Digital infrastructure | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Policy and regulation for digital services | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Digital literacy | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Digital inclusion | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Digital finance | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| E-governance | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |


| Digital identity | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Data systems | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |  |
| Digital <br> information <br> and individual <br> services (not <br> including <br> digital finance) | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |  |
| Technology <br> assisted <br> learning | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |  |
| Other (please specify) |  |  |  |  |  |  |

19. What type of evidence do you use to assess effectiveness of these intervention types? Please select no more than TWO for each intervention.

|  | Impact evaluation (experimental or quasiexperimental methods | Program monitoring and evaluation data (process evaluations, baseline and endline survey data) | Sector-specific research/nonimpact evaluation (case studies, cohort studies) | Anecdotal evidence |
| :---: | :---: | :---: | :---: | :---: |
| Digital infrastructure | $\square$ | $\square$ | $\square$ | $\square$ |
| Policy and regulation for digital services | $\square$ | $\square$ | $\square$ | $\square$ |
| Digital Ifteracy | $\square$ | $\square$ | $\square$ | $\square$ |
| Digital inclusion | $\square$ | $\square$ | $\square$ | $\square$ |
| Digital finance | $\square$ | $\square$ | $\square$ | $\square$ |
| E-governance | $\square$ | $\square$ | $\square$ | $\square$ |
| Digital identity | $\square$ | $\square$ | $\square$ | $\square$ |
| Data systems | $\square$ | $\square$ | $\square$ | $\square$ |
| Digital information and individual services (not including digital finance) | $\square$ | $\square$ | $\square$ | $\square$ |
| Technology assisted learning | $\square$ | $\square$ | $\square$ | $\square$ |

## Other (please specify)

20. From your perspective, what is the state of evidence for each of these intervention types? In terms of evidence, we are interested in effectiveness - what works and what doesn't.

Weak: We know very little about the effectiveness of these interventions Moderate: We know about the effectiveness of some of these interventions Strong: We know about the effectiveness of most of these interventions


Other (please specify)
21. Consider how the intervention types below may contribute to improved development outcomes. For which THREE intervention types do you think more and better evidence of what works (i.e. impact evaluations) would be the most useful?
$\square$ Digital infrastructure
$\square$ Policy and regulation for digital services
$\square$ Digital literacy
$\square$ Digital inclusion
$\square$ Digital finance
$\square$ E-governance
$\square$ Digital identity

- Data systems
$\square$ Digital information and individual services (not including digital finance)
$\square$ Technology assisted learning
Innovation ecosystems

22. For the purposes of this scoping work, we are defining innovation ecosystems as interventions intended to promote innovation or enable innovation systems, particularly in the private sector. We are considering different interventions that enhance innovation ecosystems or promote innovation. Innovation is defined as a new idea, device method, or process that either improves upon a previous idea, device, method, or process, or creates a new solution for a problem.

Do you feel that you have enough experience in this field to answer a few questions?
OYes
ONo
The following are the definitions we use for interventions under the innovation category. If after reading the definitions and questions, you don't feel that you have the knowledge to answer the questions, please click the previous button at the bottom of the page and change your response to 'No' and continue with the survey.

Access to capital: venture capital or seed money available to entrepreneurs and small, growing firms, including debt and equity instruments

Grants, subsidies, and prizes: non-debt and non-equity instruments providing capital to firms intended to spur innovation and improve technology

Policies and regulation: local, regional, and national legislation and regulations that affect innovation

Networks, partnerships, and relationships: formal and informal structure and links between individuals and organizations for the purposes of information sharing, technology diffusion, etc.

Capacity building: interventions that foster a culture of innovation or innovation systems
23. Do you think these types of interventions are effective for achieving the intended outcomes?

|  | Ithink they are usually effective | I think they are sometimes effective | I think they are rarely effective | I think they are counterproductive | I don't have any evidence of whether they are effective / don't know |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Access to capital | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Grants, subsidies, and prizes | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Policies and regulation that affect innovation | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Networks | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Partnerships | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Capacity building for innovation | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |

Other (please specify)
24. What type of evidence do you use to assess effectiveness of these intervention types? Please select no more than TWO for each intervention.

|  | Impact evaluation <br> (experimental or <br> quasi- <br> experimental <br> methods | Program monitoring <br> and evaluation data <br> (process <br> evaluations, <br> baseline and endline <br> survey data) | Sector-specific <br> research/non- <br> impact evaluation <br> (case studies, <br> cohort studies) | Anecdotal <br> evidence |
| :--- | :--- | :--- | :--- | :--- |
| Access to capital | $\square$ | $\square$ | $\square$ | $\square$ |
| Grants, <br> subsidies, and <br> prizes | $\square$ | $\square$ | $\square$ | $\square$ |
| Policies and <br> regulation that <br> affectinnovation | $\square$ | $\square$ | $\square$ | $\square$ |
| Networks | $\square$ | $\square$ | $\square$ | $\square$ |
| Partnerships | $\square$ | $\square$ | $\square$ | $\square$ |
| Capacity bullding <br> for innovation | $\square$ | $\square$ | $\square$ | $\square$ |

## Other (please specify)

25. From your perspective, what is the state of evidence for each of these intervention types? In terms of evidence, we are interested in effectiveness - what works and what doesn't.

Weak: we know very little about the effectiveness of these interventions Moderate: We know about the effectiveness of some of these interventions Strong: We know about the effectiveness of most of these interventions


Other (please specify)
26. Consider how the intervention types below may contribute to improved development outcomes. For which TWO intervention types do you think more and better evidence of what works (i.e. impact evaluations) would be the most useful?
$\square$ Access to capital
$\square$ Grants, subsidies, and prizes
$\square$ Policies and regulation that affect innovation
$\square$ Networks

- Partnerships
$\square$ Capacity building for innovation
$\square$ Other (please specify)


## Partnerships

27. We are considering different types of interventions that use partnerships to enhance development programs. For the purposes of this scoping work, we are defining partnerships as interventions that employ non-traditional methods of creating, implementing, or financing development program.

Do you feel that you have enough experience in this field to answer a few questions?

## OYes

ONo
The following are the definitions we use for interventions under the partnerships category. If after reading the definitions and questions, you feel that you don't have the knowledge to answer the questions, please click the previous button at the bottom of the page and change your response to 'No' and continue with the survey.

Partnerships: interventions are created or implemented between a public aid agency and a philanthropic or private sector entity

Global multi-stakeholder initiatives: interventions that are created or implemented by multi-stakeholder initiatives (collaborations amongstthree or more entities from the private, public, and civil society sectors intended to address complex development challenges).

Innovative financing of development assistance: interventions that employ new financing instruments to complement traditional development assistance. Examples include taxes for development aid or contributions from small donors.
28. Do you think these types of interventions are effective for achieving intended outcomes?

|  | Ithink they <br> are usually <br> effective | It think they <br> are <br> sometimes <br> effective | Ithink they <br> are rarely <br> effective | Ithink they are <br> counterproductive | Idon't have <br> any <br> evidence of <br> whether <br> they are <br> effective / <br> don't know |
| :--- | :--- | :--- | :--- | :--- | :--- |

29. What type of evidence do you use to assess effectiveness of these intervention types? Please select no more than TWO for each intervention.

|  | Impact evaluation (experimental or quasiexperimental methods | Program monitoring and evaluation data (process evaluations, baseline and endline survey data) | Sector-specific research/nonimpact evaluation (case studies, cohort studies) | Anecdotal evidence |
| :---: | :---: | :---: | :---: | :---: |
| Partnerships | $\square$ | $\square$ | $\square$ | $\square$ |
| Global multistakeholder initiatives (MSIs) | $\square$ | $\square$ | $\square$ | $\square$ |
| Innovative financing of development assistance | $\square$ | $\square$ | $\square$ | $\square$ |

Other (please specify)
30. From your perspective, what is the state of evidence for each of these intervention types? In terms of evidence, we are interested in effectiveness - what works and what doesn't.

Weak: We know very little about the effectiveness of these interventions Moderate: We know about the effectiveness of some of these interventions Strong: We know about the effectiveness of most of these interventions

| Strong | Moderate | Weak | Don't know |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Particrships | $\square$ | $\square$ | $\square$ | $\square$ |  |
| Global multi- <br> stakeholder <br> initiatives (MSIs) | $\square$ | $\square$ | $\square$ | $\square$ |  |
| Innovative <br> financing of <br> development <br> assistance | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |

Other (please specify)
31. Consider how the intervention types below may contribute to improved development outcomes. For which intervention type do you think more and better evidence of what works (i.e. impact evaluations) would be the most useful?
$\square$ Partnerships
$\square$ Global multi-stakeholder initiatives (MSIs)
$\square$ Innovative financing for development assistance
$\square$ Other (please specify)

## Outcomes

32. The matrix below contains intervention categories and development sectors. These interventions are intended to enhance development outcomes in each of the listed sectors. Please elect all sectors that are, in your opinion, most relevant for each intervention category.

|  | Education | Clobal health | Democracy, human rights, and governance | Agriculture and food security | Crises and conflict | Economic growth and trade | Energy | Environment | Water and sanitation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fellowships, grants, and subsidies | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Collaborations, partnership, and exchange | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Digital infrastructure | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Digital inclusion and literacy | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Digital information and individual services | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Digital finance | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| E-governance | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Access to capital | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Policies and regulation | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Technical assistance/capacity building | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Partnerships | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Multi-stakeholder initiatives (MSIs) | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |

Other (please specify)
33. Beyond published articles, we are seeking to include in our search working papers, ongoing studies and other literature not easily searchable that are either impact evaluations or systematic reviews that address STIP.

Do you know of ongoing or unpublished studies that you think we may not capture in our search of major databases and websites? Links and/or relevant contact information are helpful when possible.
34. Any additional comments?

