Evidence Generation Toolkit – Version 2

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Stakeholder and Community Perceptions Interview Tool

Drone Evidence Generation Toolkit

Output Indicator 1.2, 2.2, 3.2: Qualitative perceptions of the use of drones (new sites)

Adapted from: VillageReach

When adapting these tools for qualitative data collection:
- Conduct key informant interviews (KIIs) with individuals who have influence in the area, such as community leaders, provincial officials, and health workers. Consider 2-3 respondents from each take-off and landing site.
- Conduct focus group discussions (FGDs) with groups of community members at 2-3 take-off and landing sites so that you have data from multiple perspectives.
- Participants in FGDs should be the same sex, so men should participate in separate FGDs from women.
- Use locally acceptable terms in the interview guide, such as drones instead of UAS.
- Prepare photographs of the drone technology that will be flown in the targeted area to show FGD participants because they may not have heard of drones before.
- Train FGD facilitators and ensure that they understand drone technology and are able to answer any questions that arise.

Focus group discussion (FGD) tool for community members

Instructions for the facilitator: Near the hospital and near the health clinics, focus group discussions (FGDs) will be held separately with men and with women from the community. Each FGD should consist of approximately 10 people (8 at minimum, 12 at maximum).

Participants in the FGD for community members should NOT be:

- Health workers
- Religious, political or other leaders
- Members of the same family

Informed consent must be obtained from each participant before the FGD begins. Read the informed consent form to the group. Offer to answer any questions, then ask if the participants want to sign or place their fingerprint. If anyone does not want to sign or place their fingerprint, you will thank them for their time and continue the FGD without them.

After informed consent has been completed for each participant, ask the questions below. Encourage all participants to respond to all questions to the best of their ability, but it is ok if participants choose not to answer all questions.

<u>Introduction (to be read by facilitator):</u> [Insert name] is an organization that is working with the Ministry of Public Health to help improve the transportation of medical products to rural health facilities. In this study, we want to find out how a technology called drones could deliver vaccines.

(Show the photographs of drones, and pass them around.)

I would like to ask your thoughts on this technology. Any information you share here is confidential and will not be associated with you. Your participation is voluntary, and you can stop participating at any time. There is no penalty or benefit for participating. You don't have to answer any of the questions if you don't want to.

If FGD: Number of participants in the FGD: _____   Sex of participants: _____

If KII: Title of KII respondent: _____ Sex of respondent: _____

<u>*Questions*</u>

Familiarity with drones

1. Before today, how many of you had heard of drones?
    a.   For those who have heard of drones, what do you know about them?
    b.   For example, what are they used for?
2. Drones are small airplanes that can fly without a pilot onboard, and sometimes, they can carry items or take photos. What are your opinions of drones, now that you know about them?

Benefits of drones

3. Do you think there are any benefits to using drones to carry medicines? If yes, what?
4. Are there other health products that you think drones could be used to transport?
5. Are there any other ways that you think drones could be used in your country, other than transporting health products?

Risks of drones

6. Do you think there are any risks to using drones to carry [insert name of health product or category of products]? If yes, what?
7. Thinking about the concerns you have identified, do you think any of these are very serious? If yes, which ones?

What to transport, when, and where

8. If you or a family member were to go to the health center to receive treatment, and the treatment had been delivered by drone, would you have any concerns? If yes, what?
    a.   *Allow the group to respond, then ask:* Would you think that the medicine is the same quality and effectiveness as medicine transported by ground methods? Why or why not?
9. Are there any items that you do NOT think drones should be used to transport?
    a.   Why should they not be used for those products?
    b.   *Allow the group to respond, then ask:* Are there any products that you think would not be kept safe or would not be good quality if transported by drone? Why or why not?
10. Are there times of day or days of the week when a drone should not fly in the community? If yes, why?

11. Are there places in the community where people might feel uncomfortable seeing drones flying overhead? If yes, why?
12. In general, would you recommend that the Ministry of Health use drones to transport medicines to health centers? Why or why not?

Communication strategies for drones

13. Are there any groups of people or individuals that you think would be particularly interested in the drone flights? Why?
14. Are there any groups of people or individuals that you think would be particularly concerned about, afraid of, or confused about drone flights? Why?
15. Before we test the use of drones in your community, who should we share information with? What information should we share to help them understand?
16. How should we share information with your community about drones?
    a. Allow the group to respond, then ask: Do you think that if we show videos, photos, or demonstrate how the vehicle flies, this will help people understand the technology?
17. Is there a particular person or group in your community that you can trust to share information like this with the rest of the community?
18. Is there any other information or recommendations about the introduction of drones that you would like to share?