

Supplementary File 4. Focus group guide

[Institutional and researcher details were purposively removed]

Adapting sanitation needs to a BVIP latrine (and its upgradable models): a mixed method study under lower middle-income rural settings

1. Introduction [Not more than 30 minutes]

- 1.2. Self-introduction (facilitator) and assistant: Thanking participants for coming
- 1.3. Introduction of the study:
 - Purpose and how participants were recruited
 - Expected duration, use of information collected
 - Setting ground rules: how participants will respond, no wrong/correct answers
 - Discussions will be audio-recorded
- 1.4 Self-introductions of participants: First names basis only [Name cards used]
- 1.5 Informed consent: Consent form is read and consent is indicated
- 1.6 Asking for clarifications or any other questions
- 1.7 Filling in short demographic data: ward and village, sex, age group, highest level of education, marital status, community leader/worker, professional qualification

2. Discussion topic [Audio recording starts here]

- 2.1 Facilitator starts by asking general knowledge about the BVIP latrine (and its upgradable versions) to make respondents comfortable.
“Which one is at your household? What is it? How is it built? How does it work?”
[Not more than 15 minutes]

The facilitator summarises what participants said and adds on to it where necessary, seeking their approval/agreement.

- 2.2 Main discussion question **[About 60 minutes]**
How do rural households adapt their sanitation needs to a BVIP latrine (or its upgradable models)?

The facilitator controls the discussions, reflecting probing, and asking participants' experiences, opinions and beliefs where necessary. When participants feel they have exhausted the question, the facilitator may ask for clarifications, any other contributions or questions, and summarises to make sure participants agree

3. Closure

At the end, the facilitator thanks the participants and they depart. **[About 3 minutes]**