**TITLE OF THE STUDY: CO-DEVELOPING RISK ASSESSMENT ACROSS DISCIPLINES AND BORDERS: GENE DRIVE MOSQUITO FIELD TRIALS IN UGANDA**

**Qualitative Interview Guide for Selected Participants**

**Biotechnology regulation in Uganda - general**

This section is explore understanding the existing institutional structure of risk assessment in Uganda.

* How is risk assessment of biotechnology undertaken in Uganda?
* What legislation underpins biotechnology risk assessment?
* Which kinds of experts are engaged in risk assessment?
* Are other experts needed? If so, which ones?
* How are experts used in risk assessment?
* How are stakeholders and members of the public engaged in the process of developing risk assessment frameworks?
* What have been the areas of stakeholder or public concern in biotechnology regulation?
* Do you think biotechnology risk assessment is focused on the risks that matter to Ugandans? If not, what concerns are missing

**For those who know about gene drive:**

**Gene drive in Uganda**

These questions will unpack understandings of the state of gene drive regulatory development for gene drive in Uganda.

* What is your background and how did you come to learn about gene drives?
* Can you tell me a bit about what role gene drive might play in Uganda? What challenges exist?
* Is there anything especially risky about gene drive (in general) that sets it apart from other technologies?
* Who is talking about gene drive in Uganda? And who should be talking about gene drive?
* How do you learn about gene drive? Where does your information on gene drive come from?
* Have you even seen a Ugandan newspaper on gene drive?
* Who is shaping the development of this technology and its regulation in Uganda?
* Which international and/or regional organisations are involved?
* Which experts from other countries?

**Risk assessment**

These questions will help us to understand current thinking on the potential risks associated with gene drive.

* Who is thinking about risk assessment of gene drive in Uganda?
* Who has the potential to shape risk assessment for gene drive?
* Who has not yet been included in discussions about risk assessment for gene drive?
* How are researchers and regulators anticipating and thinking through the potential risks posed by gene drive technology?
* Are there specific meetings you’ve attended where you have discussed the risks associated with the development of gene drive?
* We know that risk assessment is a key component of the development and eventual deployment of gene drive and we’ve noted that a lot of gene drive documents including the NASEM report emphasize ‘ecological’ risk assessment. What do understand by ‘ecological risk assessment’?
* What are the potential harms or adverse effects that we need to consider?
* What kinds of things need to be considered in a risk assessment?
* How can these concerns be privileged in the current system?
* Can you prioritise these risks?
* If these risks happened - would you change your support for gene drive?
* What are your top three concerns that don’t fall into this list?
* Can these concerns fit into the existing regulatory framework?
* Will the risk assessment framework need to consider human interactions with the technology?
* What about monitoring?
* What issues haven't been discussed?
* Should benefits be included in the risk assessment? If so, how?
* Are the social/economic and ethical considerations of gene drive included in the risk assessment? If so how are they treated?
* Should the social/economic and ethical considerations of gene drive be included and how should they be included?

**Public engagement**

* What positive examples of public engagement have you seen that would work for regulatory decision-making for gene drive?
* Should the public be engaged in risk assessment? If so, when?
* What could the public offer to risk assessment?
* Who needs to be involved in these conversations?