**BROAD RESEARCH QUESTIONS FOR THE IMAGINE PROJECT**

**AIM OF THE STUDY**

This study will employ a multi-sectorial approach to bring together different stakeholders for weather information and foster the use of weather information (forecasts and corresponding advisories) through the optimal use of ICTs.

A mobile and web-based Weather Information Dissemination System (WIDS) will be deployed to grant

Weather information access to the different sector representatives in the target countries. Then we will undertake a study on information flow between sectors (specifying the relevant institutions / persons) and the synergies that can address existing weather-related needs. This will add to understanding the impact of weather information products and their contribution in decision-making and strategic planning. Since the WIDS is ICT-based, the research shall also look at reducing ICT policy gaps and causes of policy implementation failures. Case studies will be conducted in Uganda, Tanzania, South Sudan, Ghana and Nigeria.

**1. For Key Informant Interview (LC; Agricultural Officers; Prominent farmer(s) ….)** - For each question, circle all that apply

**Optional**

Name: Tel:

1. State location
   1. Country\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. District / Region\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. Village/Cell/Ward
2. What is the respondent’s gender (sex)?
   1. Male
   2. Female
   3. Prefer not to say
3. How long have you lived in this area?
   1. less than 1 year
   2. 1-5 years
   3. 6-10 years
   4. More than 10 years
4. What are the common crops grown?
   1. maize
   2. beans
   3. groundnuts
   4. sorghum
   5. cassava
   6. rice
   7. cowpeas
   8. millet
   9. sorghum
   10. others ……………………………..
5. How many rainfall seasons do you have in the year?
6. one b. two c. three d. four
7. For each of the season(s) above, when do the rains start/stop?
8. …………………………………………….
9. ……………………………………………
10. …………………………………………….
11. ……………………………………………..
12. Do you often get weather (forecasts / advisories) information? (If your answer is **No** proceed to question 24)
    1. Yes
    2. No

1. From whom do you get the weather information?
   1. The National Meteorological Agency/Authority
   2. Agriculture Extension Officer
   3. District Office
   4. Media House (Newspaper/Radio/TV stations)
   5. Myself or one of my neighbours
2. How do you get weather information?
   1. E-mail
   2. Social Media
   3. TV
   4. Radio
   5. SMS
   6. Newspaper or other form of Print media
   7. Community meeting
   8. By Indigenous knowledge
   9. Other (state)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. What access to technology do you have (tick all that apply)

a. Smartphone

b. Feature Phone

c. Radio

d. TV

e. Facebook account

f. email

1. Is there good mobile access where you are?
   1. Yes
   2. No
2. Have you ever heard from the national meteorology agency/ authority?
   1. Yes
   2. No
3. What (products) do you often receive?
   1. Daily Forecast
   2. 10-day (dekadal) Forecast
   3. Monthly Forecast
   4. Seasonal Forecast
   5. Other (state)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. How often do you receive information concerning the weather?
   1. Hourly
   2. Daily
   3. Weekly
   4. Monthly
   5. Seasonally
   6. Other (please state)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Do you like the way the products are presented?
   1. Yes
   2. No
6. If not, please suggest a better approach

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1. If you were to pay to get the weather products from the meteorology agency in a more timely way, what products would you be happy to pay for?
   1. Seasonal Forecast
   2. Daily Forecast
   3. Monthly Forecast
   4. 10-day (Dekadal) Forecast
   5. Weekly Forecast
   6. 3-day Forecast
   7. Daily Forecast
   8. Other (please state)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. By which means, would you like to receive the paid weather information?
   1. SMS
   2. Extension Worker Visit
   3. Community meeting
   4. Other (please state) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. How much would you be willing to pay per message for the weather information?
   1. 200 shillings
   2. 100 shillings
   3. 50 shillings
   4. 250-500 shillings
3. What would stop you from paying for the weather products?
   1. if the forecasts are consistently false
   2. if the forecasts are reaching me/us late
   3. if the forecasts are not mentioning my area/region
   4. if I can’t afford (cost greater than 200)
   5. others …………………………………………………………..
4. What would you use the weather products for?
   1. planning when to plant
   2. planning when to apply fertilizer
   3. planning when to apply pesticides
   4. planning when to irrigate
   5. others ………………………………………………….
5. How would you rate the accuracy of the weather products normally received in your area?
   1. excellent
   2. very accurate
   3. accurate
   4. fair
   5. poor
   6. very poor
6. What would you wish the weather authority do differently?
7. How does weather influence the supply and availability of food?
8. How does weather influence the health of your community?