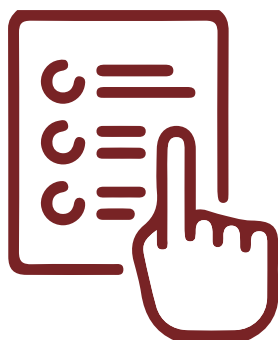


RHOMIS

Rural Household Multi-Indicator Survey

An advanced system to monitor farm management, livelihoods, human welfare, and sustainability indicators. To be used in rural households in lower and middle income countries.



customisable questionnaire | digital infrastructure | advanced analysis

RHoMIS

Rural Household Multi-Indicator Survey

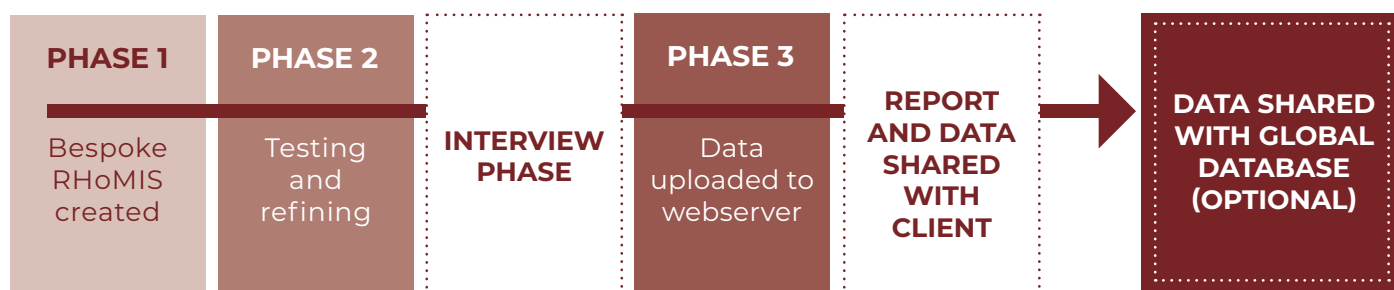
THE RHoMIS SURVEY

The RHoMIS survey is designed to be conducted on an Android device. It contains a number of core modules on farming practice, livelihoods, and food security, and optional bolt-on modules covering a wide range of topics. The core survey typically takes 35 to 45 minutes to complete.

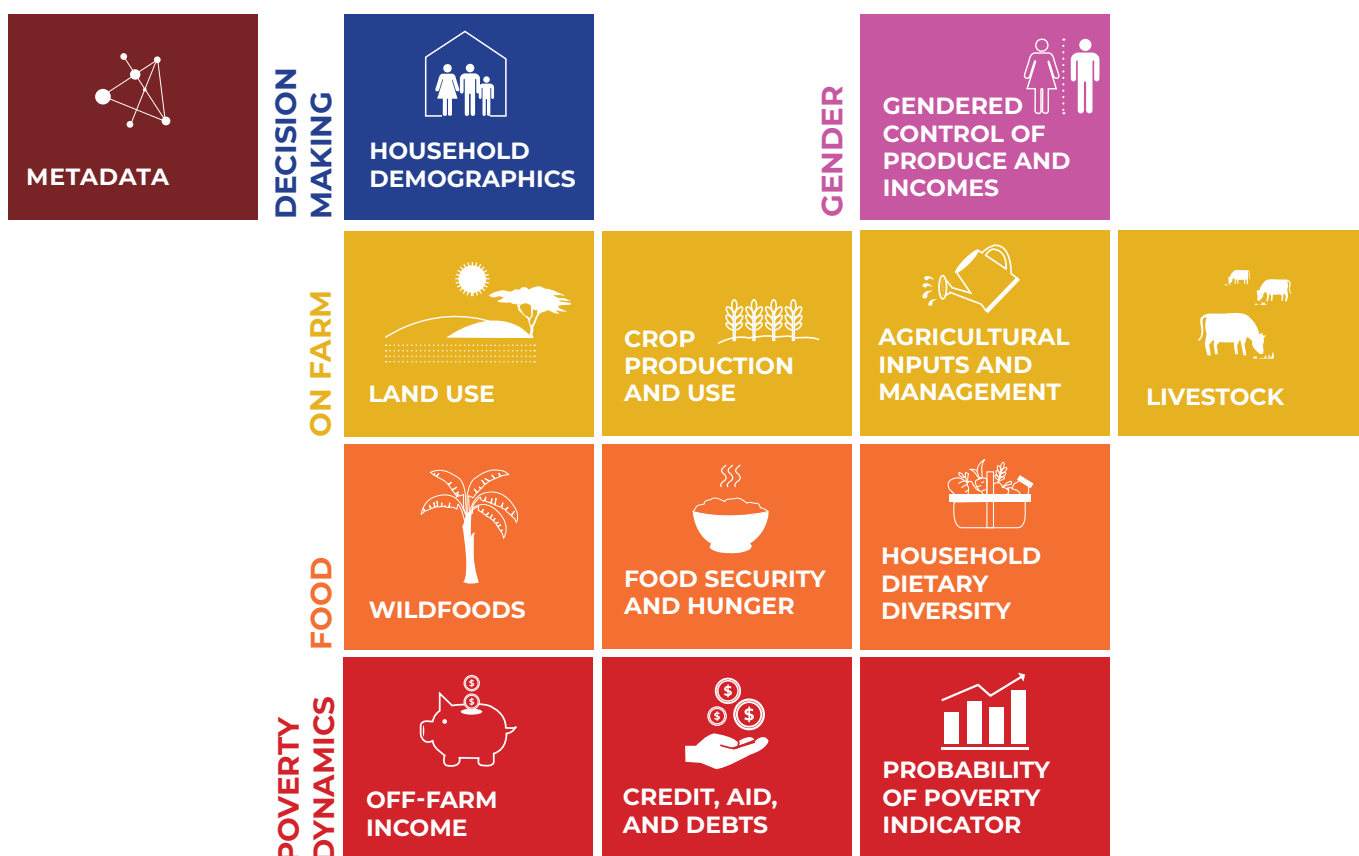
RHoMIS is available to use in research projects, development programs, and for collection of official statistics.

The questionnaire is available in eight languages: ARABIC | ENGLISH | FRENCH | HINDI | KHMER | KISWAHILI | KINYARWANDAN, AND SPANISH and has been deployed to date in 27 countries.

The survey, web infrastructure, and analysis code are all built from open source software. **The process of developing the survey is illustrated here:**



THERE ARE **CORE MODULES** IN EACH SURVEY:































RHOMIS SURVEY MODULES | 2019

AND THERE ARE **OPTIONAL MODULES**:

The survey is adapted to suit the local context in each project, as such a range of optional modules have been developed.

60 There is no cap on number of modules but it is recommend that the survey does not last more than 90mins, with 60mins being optimal.

| | | | | | | |
|-----------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| DECISION MAKING |  CHANGES ON FARM |  INNOVATION |  MEMBERSHIP OF GROUPS |  UPTAKE OF INTERVENTIONS |  VALUE ORIENTATIONS | |
| | ON FARM |  LIVESTOCK FEEDING |  CATTLE - DETAILED |  NRM PERCEPTION |  PLOT-LEVEL LAND USE AND BOUNDARIES |  CROP PESTS |
| | |  SEED VARIETIES | FOOD |  BUSHMEAT |  FOOD INSECURITY EXPERIENCE SCALE (FIES) |  HOUSEHOLD FOOD INSECURITY ACCESS SCALE (HFIAS) |
| | |  MINIMUM DIETARY DIVERSITY FOR WOMEN (MDD-W) | |  FOOD ENVIRONMENTS | POVERTY DYNAMICS |  COPING STRATEGIES |
| | |  FINANCIAL SITUATION |  EXPENDITURES |  RELATIVE VULNERABILITY | |  WASH |
| TREES |  AGROFORESTRY |  SLASH AND BURN |  FOREST PRODUCTS |  FOREST GOVERNANCE | | |
| | GENDER |  VOICE CHOICE CONTROL |  GENDER ATTITUDES |  GENDERED LABOUR AND TIME ALLOCATION | | |

| | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1</p> <p>METADATA</p>  <p>Enumerator data, time and date, location, GPS, consent, enumerator notes</p> <ul style="list-style-type: none"> ● Date of interview ● Duration ● GPS ● Enumerator sex <p>4 EN FR ES HI AR SW KM RW</p> | <p>2</p> <p>HOUSEHOLD DEMOGRAPHICS</p>  <p>Name, sex, age, education, h/h population</p> <ul style="list-style-type: none"> ● Household members ● Male adult equivalent members ● Marital status ● Education of head ● Age of head ● Sex of respondent <p>4 EN FR ES HI AR SW KM RW</p> | <p>3</p> <p>LAND USE</p>  <p>Tenure, cultivation, land area, slope, labour</p> <ul style="list-style-type: none"> ● Land area cultivated ● Land area owned ● If labour hired on farm ● Land slope perception ● Tree use <p>5 EN FR ES HI AR SW KM RW</p> |
| <p>4</p> <p>CROP PRODUCTION AND USE</p>  <p>Crop types, planting seasons, yield, use of land, post-harvest, sales, residues, crop products, planning</p> <ul style="list-style-type: none"> ● All field crops, vegetables and fruits grown in last year ● For most important crops: crop area, crop yield ● Farmer's perception of harvest ● Proportion of crop consumed and sold ● Sale prices ● Use of crop residues ● Income ● Total Value of Activities ● Food Availability <p>10 EN FR ES HI AR SW KM RW</p> | <p>5</p> <p>AGRICULTURAL INPUTS AND MANAGEMENT</p>  <p>Fertilisers, pesticides, improved seed, storage, irrigation, agroforestry, tillage</p> <ul style="list-style-type: none"> ● Total amount and types of nitrogenous fertiliser used, and on which crops ● Use of manure, compost, pesticides, improved seed - per crop only, not total amount ● Soil tillage practices ● Irrigation crops, method, and months ● Crop storage method <p>5 EN FR ES HI AR SW KM RW</p> | <p>6</p> <p>LIVESTOCK</p>  <p>Livestock types, numbers, grazing land, pens/stabling, use of animals, buying, selling, slaughtering, eating, medicine, dairy/egg/honey/wool</p> <ul style="list-style-type: none"> ● Heads of livestock species ● If improved/local breeds ● Number sold and sale price ● Use of meat, milk, eggs ● Use of medicinal inputs ● Income ● Total Value of Activities ● Food Availability <p>10 EN FR ES HI AR SW KM RW</p> |

KEY:

TIME TO COLLECT MODULE: **4** Indicates the number of minutes to complete the module

SDGS RHoMIS HELPS TO REPORT ON:



DESCRIPTIONS OF CORE MODULES

| | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>7</p> <p>WILDFOODS</p>  <p>Gathering, types, time of year, processing, sales</p> <ul style="list-style-type: none"> ● Which months wildfoods collected ● Which foodstuffs ● Proportion consumed or sold <p>2 FOOD SECURITY 15 LIFE ON LAND 4 EN FR ES HI AR SW KM RW</p> | <p>8</p> <p>FOOD SECURITY AND HUNGER</p>  <p>Hunger months, HFIAS or FIES indicator</p> <ul style="list-style-type: none"> ● Months of lean season ● Worst month, best month ● HFIAS or FIES <p>2 FOOD SECURITY 4 EN FR ES HI AR SW KM RW</p> | <p>9</p> <p>HOUSEHOLD DIETARY DIVERSITY</p>  <p>HDDS score during lean and post-harvest seasons, and sourcing of foodstuffs</p> <ul style="list-style-type: none"> ● Household Dietary Diversity Score, during lean season and good season ● Optional Individual 24 hour dietary diversity score ● Source of food groups during lean and good seasons <p>2 FOOD SECURITY 5 GENDER EQUALITY 5 EN FR ES HI AR SW KM RW</p> |
| <p>10</p> <p>OFF-FARM INCOME</p>  <p>Sources of income, time of year, planning, spending</p> <ul style="list-style-type: none"> ● Incomes ● Total Value of Activities ● Food Availability <p>1 PEOPLE 7 EN FR ES HI AR SW KM RW</p> | <p>11</p> <p>GENDERED CONTROL OF PRODUCE AND INCOMES</p>  <p>Gendered and youth decision making over incomes and produce, at aggregate and commodity levels</p> <ul style="list-style-type: none"> ● Gendered and youth decision making over incomes and farm production <p>7 EN FR ES HI AR SW KM RW</p> | <p>12</p> <p>CREDIT, AID, AND DEBTS</p>  <p>Government/NGO assistance, support from friends, type of aid, access to credit</p> <ul style="list-style-type: none"> ● Aid received ● Gifts received <p>1 PEOPLE 4 EN FR ES HI AR SW KM RW</p> |

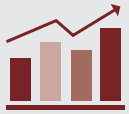
INDICATORS THIS MODULE MEASURES: 

LANGUAGES MODULE AVAILABLE IN:


EN: English, **FR:** French, **ES:** Spanish, **HI:** Hindi, **AR:** Arabic, **SW:** Kiswahili, **KM:** Khmer, **RW:** Kinyarwanda



13

PROBABILITY OF POVERTY INDICATOR



Asset-based rapid poverty indicator

 ● Likelihood household is below poverty line

  4 EN | FR | ES | HI | AR | SW | KM | RW

ADDITIONAL MODULES:

14

AGROFORESTRY



Use of trees, quantity of trees used, species, management.

 ● Use of trees
● Quantity of trees used
● Species
● Management

   7 EN

15

LIVESTOCK FEEDING




Type of feed, grazing, bought feeds

 ● Type of feed
● Grazing
● Purchased feeds


  3 EN



16

BUSHMEAT



Hunting and trapping, species, and frequency

 ● Hunting and trapping
● Species, and frequency

  7 EN

KEY:

TIME TO COLLECT MODULE:  Indicates the number of minutes to complete the module

SDGS RHoMIS HELPS TO REPORT ON:



DESCRIPTIONS OF ADDITIONAL MODULES

17

CATTLE DETAILED



Herd structure, age, sex, breeding, milking, diseases and health treatments

- Herd structure
- Age
- Sex
- Breeding
- Milking
- Diseases and health treatments

2 ZERO HUNGER 6 CLEAN WATER AND SANITATION 15 EN

18

CHANGES ON FARM




Changes over past few years: land, crop types and yields, inputs, livestock, sales, incomes, off farm work, reasons for changes

- Changes over past few years:
 - Land
 - Crop types and yields,
 - Inputs
 - Livestock
 - Sales
 - Incomes
 - Off farm work
 - Reasons for changes

2 ZERO HUNGER 5 GENDER EQUALITY 1 NO POVERTY 7 EN

19

COPING STRATEGIES



Coping strategy index (CSI), changes of food access over the year

- Coping strategy index (CSI)
- Changes of food access over the year

2 ZERO HUNGER 1 NO POVERTY 13 CLIMATE ACTION 5 EN | FR

20

DISABILITY



Quantification of disabled individuals in household (Washington Group questions)

- Quantification of disabled individuals in household (Washington Group questions)

1 NO POVERTY 4 EN

21

FIES



Food Insecurity Experience Scale (FIES)

- Food Insecurity Experience Scale

2 ZERO HUNGER 1 NO POVERTY 4 EN | SW

22

HFIAS



Household Food Insecurity of Access Scale (HFIAS)

- Household Food Insecurity of Access Scale (HFIAS)

2 ZERO HUNGER 1 NO POVERTY 4 EN | SW

INDICATORS THIS MODULE MEASURES: 

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23

MDD-W




Minimum Dietary Diversity for Women (open recall or closed categories)

📍 ● Minimum Dietary Diversity for Women (open recall or closed categories)

  4 EN | SW




24

FINANCIAL SITUATION



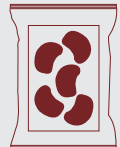
Self-identified purchasing power

📍 ● Self-identified purchasing power

   2 EN | FR




25

FOOD ENVIRONMENTS



Market access, packaged food

📍 ● Market access
● Packaged food

   4 EN | SW

26

INNOVATION



Farm plans, adoption of new technologies, aspirations, life satisfaction

📍 ● Farm plans
● Adoption of new technologies
● Aspirations
● Life satisfaction

  4 EN

27

EXPENDITURES



Sources of income, spending of income - family costs, farm costs, giving to others

📍 ● Sources of income
● Spending of income - family costs, farm costs, giving to others

   4 EN | FR

28

MEMBERSHIP OF GROUPS



Farmer groups, credit unions, cooperatives, leadership roles

📍 ● Farmer groups
● Credit unions
● Cooperatives
● Leadership roles

   4 EN

KEY:

TIME TO COLLECT MODULE:  Indicates the number of minutes to complete the module

SDGS RHoMIS HELPS TO REPORT ON:



DESCRIPTIONS OF ADDITIONAL MODULES

29

NRM PERCEPTION



Change of experience relating to soil, water, weather, fauna, trees

📍 ● Change of experience relating to soil, water, weather, fauna, trees

15 LIFE ON LAND 4 EN | KM

30

RELATIVE VULNERABILITY



Vulnerability to shocks compared to neighbours

📍 ● Vulnerability to shocks compared to neighbours

13 CLIMATE ACTION 1 NO POVERTY 5 EN | KM

31

SLASH AND BURN



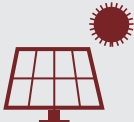
Clearing land, change of use, fallow practices

📍 ● Clearing land, change of use, fallow practices

13 CLIMATE ACTION 15 LIFE ON LAND 2 ZERO HUNGER 4 EN

32

UPTAKE OF INTERVENTIONS



New practices trialled and evaluated

📍 ● New practices trialled and evaluated

2 ZERO HUNGER 12 RESPONSIBLE CONSUMPTION AND PRODUCTION 10 EN

33

VALUE ORIENTATIONS



Value orientations: self-benefit, community-benefit, innovative, conservative

📍 ● Self-benefit
● Community-benefit
● Innovative
● Conservative

1 NO POVERTY 7 AFFORDABLE AND CLEAN ENERGY 2 ZERO HUNGER 4 EN

34

WASH



Water source, access, storage, hand cleaning, sanitation

📍 ● Water source
● Access
● Storage
● Hand cleaning
● Sanitation

6 CLEAN WATER AND SANITATION 4 EN

INDICATORS THIS MODULE MEASURES: 📍

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35

FOREST PRODUCTS



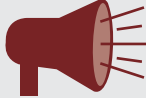
Harvesting, processing, and use of Non-Timber Forest Products and Woody Forest Products

- Harvesting, processing, and use of Non-Timber Forest Products and Woody Forest Products

2 ZERO WASTE 15 LIFE ON LAND 7 EN | FR

36

VOICE CHOICE CONTROL



Gendered experiences of power and communication outside the home

- Gendered experiences of power and communication outside the home

5 GENDER EQUALITY 5 EN | FR

37

FOREST GOVERNANCE



Community forest governance structures

- Community forest governance structures

15 LIFE ON LAND 13 CLIMATE ACTION 8 EN | FR

38

PLOT-LEVEL LAND USE AND BOUNDARIES



GPS boundaries of plots, plot level land use and history

- GPS boundaries of plots
- Plot level land use and history

15 LIFE ON LAND 60+ EN

39

GENDER ATTITUDES



Mobility, decision making, violence, care for others

- Mobility
- Decision making
- Violence
- Care for others

16 PEACE AND JUSTICE 8 EN

40

GENDERED LABOUR AND TIME ALLOCATION



24 hour time allocation, work allocation in farm and home

- 24 hour time allocation
- Work allocation in farm and home

5 GENDER EQUALITY 8 EN

KEY:

TIME TO COLLECT MODULE: 4 Indicates the number of minutes to complete the module


SDGS RHoMIS HELPS TO REPORT ON:



DESCRIPTIONS OF ADDITIONAL MODULES




41

CROP PESTS




Pictorial estimation of crop pests occurrence and damage (focus on fall army worm)

📍 ● Pictorial estimation of crop pests occurrence and damage (focus on fall army worm)

   EN | FR




42

SEED VARIETIES



Uptake and use of improved crop seed varieties

📍 ● Uptake and use of improved crop seed varieties

    EN | ES | HI

INDICATORS THIS MODULE MEASURES: 📍

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RHOMIS

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