



# MEASURING THE ECONOMIC IMPACT OF MINE CLEARANCE

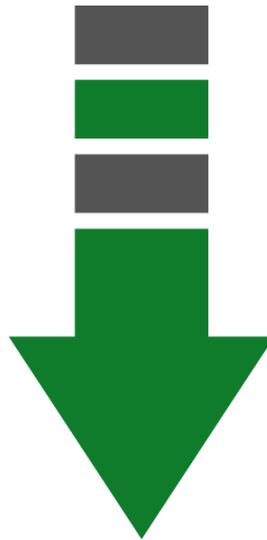
Training Module 3

Selection of Communities



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# Training Contents

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- A large green arrow pointing downwards, composed of several horizontal segments. The top two segments are grey, the middle two are green, and the bottom segment is a large green arrowhead.
- Module 1: Introduction
  - Module 2: Data Collection Methods
  - **Module 3: Selection of Communities**
  - Module 4: Baseline and Endline Assessments
  - Module 5: Data Analysis and Report Writing



# Differences and Similarities

You will be divided into groups of 4-6 participants. **Please choose one person in your group to take notes.**

Steps:

1. Identify as many things as possible that **all group members have in common**
2. Identify as many things as possible that are **unique to each group member**—something that no one else in the group shares.



# Community Selection

The methodology developed requires the **selection of two comparable communities** to generate valid and reliable results.

## The intervention community

It is the community that will directly benefit from mine clearance.



## A comparison community

A community with similar characteristics that will not receive mine clearance support.



# Community Selection



To ensure that the control community is suitable for inclusion in the study, a survey should be completed in the **intervention community** and **several possible control communities**.



The results obtained will determine which of the possible control communities is **most suitable** for inclusion in the study.



# Community Characteristics To Be Considered



Demographics: household size, age distribution, gender distribution, etc.



Socio-economic status: primary sources of income, average monthly expenditure, etc.



Employment: employment rate, unemployment rate, etc.



# Community Characteristics To Be Considered

 Access to services: access to healthcare, education, electricity, etc.



Land and agricultural practices: magnitude of contamination of land for farming and herding, etc.



# Community Suitability Survey

**It is time to test the survey together!**

You will complete the survey in pairs.



The **Enumerator** will conduct the survey, asking questions and recording answers.

The **Respondent** will answer the questions.



# Community Suitability Survey

Once you have been paired up, the roles within each group will be decided as follows:

- The person whose **birthday falls earlier in the calendar year** will take on the role of the **Enumerator**.
- The person with the **later birthday** will take on the role of the **Respondent**.
- If both have the same birthday, the role of Enumerator will go to the older of the two.



# Community Suitability Survey

When completing the survey, think about the following:

Are any of the questions or answer options...

- Not completely clear?
- Not relevant for the local context?
- Missing?
- Other observations



**Note down any observations you may have!**



# Questions that Require Special Attention



## Questions on the Number of Household Members

d7_hhmembers	How many members does your household consist of? This number should include yourself.
d8_hhmale	How many household members are male?
d9_hhfemale	How many household members are female?
d10_hhyoung	How many household members are under 17 years of age?
d11_hhadult	How many household members are between 18 to 65 years of age?
d12_hhsenior	How many household members are over 65 years of age?
d13_employed	How many household members are currently employed?
d14_unemploy ed	How many household members are currently unemployed but actively looking for employment?



# Questions that Require Special Attention

## Questions on the Number of Household Members



It is important to ensure that the **total number of household members** (d7\_hhmembers) always matches the sum of household members recorded for:

- **Questions on the sex of household members:** d8\_hhmale, d9\_hhfemale
- **Questions on age of household members:** d10\_hhyoung, d11\_hhadult, and d12\_hhsenior



# Questions that Require Special Attention



## Questions on Income and Expenditure

e3_income	What is your household's average monthly income (in Yemeni Rial)? This is the total income of all household members in a month.
e4_expenditure	What is your household's average monthly expenditure (in Yemeni Rial)? This is the total expenditure of all household members in a month.



# Questions that require special attention

## Questions on Income and Expenditure



It is crucial to carefully examine cases where the **reported expenditure amount is higher than the reported income amount**. While this situation is not impossible (as households may rely on savings), enumerators must always:

1. Verify the data for accuracy.

2. Ensure that all sources of income and expenditure are accounted for.

3. Clarify any discrepancies with the respondents to understand the context.

4. Document any additional information that explains the difference.



# Community Suitability Survey

**Enumerator**, scan the **QR code** or open the **link in the chat!**

You can complete the survey **in English or Arabic.**

**For Arabic speakers:** feel free to suggest alternative terms or expressions if you believe respondents in Yemen might not easily understand the Modern Standard Arabic translation.





**Any Questions?**



# Community Suitability Survey

Now, we will take some time to discuss...



- General observations about the survey
- Observations concerning the translation into Arabic
- Possible adaptations of questions/answer options to the local context
- Other aspects of the survey





**Any Questions?**



# Determining Suitability

Based on the characteristics outlined for Community “A,” determine which of the communities on the next slide (Community “B” or Community “C”) is the most suitable to serve as a comparison community for the study.

## COMMUNITY “A”

- Population: 1,500 people
- Gender: 80% women\* 20% men
- Age: 45% children, 35% adults between 19 and 55, 20% elderly
- Average HH monthly Income: 80,000 YER
- Predominant income-generating activity: crop production
- % of arable land contaminated by explosive ordnance: 65%



## COMMUNITY “A”

- Population: 1,500 people
- Gender: 80% women\* 20% men
- Age: 45% children, 35% adults between 19 and 55, 20% elderly
- Average HH monthly Income: 80,000 YER
- Predominant income-generating activity: crop production
- % of arable land contaminated by explosive ordnance: 65%

## COMMUNITY “B”

- Population: 1,200 people
- Gender: 60% women, 40% men
- Age: 50% children, 30% adults between 19 and 55, 20% elderly
- Average HH monthly Income: 65,000 YER
- Predominant income-generating activity: crop production
- % of arable land contaminated by explosive ordnance: 55%

## COMMUNITY “C”

- Population: 1,900 people
- Gender: 50% women, 50% men
- Age: 30% children, 45% adults between 19 and 55, 25% elderly
- Average HH monthly Income: 35,000 YER
- Predominant income-generating activity: gold mining
- % of arable land contaminated by explosive ordnance: 65%



# Determining Suitability

**In practice**, selecting a control community from among the communities that have been surveyed **may be more challenging** than the example provided.



**Why do you think that is?**



# Determining Suitability

## Case Study

DRC Yemen has received funding for a mine clearance intervention in Al Hodeidah Governorate. One of the project's outcomes is as follows:

*Outcome 2: To foster economic growth among communities in rural areas of Al Hodeidah Governorate, with a special focus on returnee communities, through comprehensive mine clearance operations.*



## COMMUNITY "A"

- Population: 1,500 people
- Gender: 80% women 20% men
- Age composition: 45% children, 35% adults between 19 and 55, 20% elderly
- Composition by displacement status: 70% returnees, 30% remainees
- Average HH monthly Income: 80,000 YER
- Predominant income-generating activity: crop production
- % of arable land contaminated by explosive ordnance: 65%

## COMMUNITY "B"

- Population: 1,200 people
- Gender: 60% women, 40% men
- Age composition: 50% children, 30% adults between 19 and 55, 20% elderly
- Composition by displacement status: 70% remainees, 30% returnees
- Average HH monthly Income: 80,000 YER
- Predominant income-generating activity: crop production
- % of arable land contaminated by explosive ordnance: 60%

## COMMUNITY "A"

- Population: 1,500 people
- Gender: 80% women 20% men
- Age composition: 45% children, 35% adults between 19 and 55, 20% elderly
- Composition by displacement status: 70% returnees, 30% remainees
- Average HH monthly Income: 80,000 YER
- Predominant income-generating activity: crop production
- % of arable land contaminated by explosive ordnance: 65%

## COMMUNITY "C"

- Population: 1,800 people
- Gender: 70% women, 30% men
- Age composition: 40% children, 35% adults between 19 and 55, 25% elderly
- Composition by displacement status: 50% returnees, 50% remainees
- Average HH monthly Income: 45,000 YER
- Predominant income-generating activity: livestock herding
- % of arable land contaminated by explosive ordnance: 30%



**Any Questions?**



**Thank you!**

