

USE OF ENVIRONMENTALLY-FRIENDLY ENERGY TECHNOLOGIES

Outcome indicator

Indicator Phrasing

INDICATOR PHRASING: % of target group members using promoted environmentally-friendly energy technologies

What is its purpose?

The indicator measures the proportion of the target population using the promoted types of environmentally-friendly energy technologies. This can include technologies that either serve as eco-friendly sources of energy (solar lamps) or those that reduce the consumption of environmentally unsustainable energy sources (such as fuel-efficient stoves).

How to Collect and Analyse the Required Data

Collect the following data by conducting individual interviews with a [representative sample](#) of your target group members:

RECOMMENDED SURVEY QUESTIONS (Q) AND POSSIBLE ANSWERS (A)

Q1: In the past [specify the time frame], did you purchase / receive [specify the technology]?

A1: yes / no

(ask the following question only if the previous answer is “yes”)

Q2: Do you currently use it?

A2: yes / no

To **calculate the indicator’s value**, divide the number of respondents who use the promoted technology by the total number of respondents. Multiply the result by 100 to convert it to a percentage.

Disaggregate by

Disaggregate the data by gender.

Important Comments

1) If the technology was promoted on a commercial basis (e.g. people were supposed to buy it in a shop), the use of a [representative sample](#) is only suitable if it is likely to be used by at least 10% of the

survey respondents (otherwise the data might not be sufficiently reliable). If only a small number of people purchased the technology, agree with the sellers that they keep records of how many people they sold the product to in the area of your intervention.

2) If the technology was distributed to people (e.g. for free or for a minor contribution), conduct a survey using a representative sample of the recipients. Keep in mind that the indicator measures not how many people received the technology but how many people are using it – that is why it is **not possible to use distribution records only**.

3) Consider **reporting separately** on the % of target group members that purchased / received the technology and 1) currently use it and 2) those who do not use it.

4) If a household purchased the product but does not use it, consider asking **why the product is not used**.

5) If you collect the data by conducting interviews, consider **verifying the responses** by asking the respondent to show you the product or by asking details about it.