# Use & Uptake survey

The Use & Uptake dashboard serves to give a summarized, interactive presentation of the output from a survey developed and piloted as part of ACAI’s monitoring, evaluation and learning (MEL) system. The use and uptake survey is used to monitor the extent to which targeted end-users adopt and apply the AKILIMO tools as well as identify the initial factors influencing the adoption.

This interactive dashboard provide access to timely feedback to allow adjustment of the dissemination and scaling strategy in order to reach maximum impact.

## The steps to follow:

1. Run or source the ‘global.R’ script

In this script you need the following input scripts found on this link: **/home/akilimo/projects/AKILIMO\_Dashboards/Use&Uptake/Input/scripts**

1. ‘AKILIMO\_use\_uptake.R’

This will require the ‘AKILIMO\_use\_uptake-perceptions\_repeat.csv’ found here: **/home/akilimo/projects/AKILIMO\_Dashboards/Use&Uptake/Input/data/form\_data**

And the following xlsx files

‘AKILIMO use and uptake survey (without farmer details).xlsx

‘statements.xlsx’

found here:

**/home/akilimo/projects/AKILIMO\_Dashboards/Use&Uptake/Input/data/supplementary**

1. PieDonutFunction.R

Here you need the uptake\_use\_cases.xlsx. Found on this link: **/home/akilimo/projects/AKILIMO\_Dashboards/Use&Uptake/Input/scripts**

You also need the following csv found here: **/home/akilimo/projects/AKILIMO\_Dashboards/Use&Uptake/Input/data/form\_data**

1. dissemination\_events\_2021\_06\_16\_05\_52\_07\_849567.csv

### Here is how to get the most out of the dashboard:

There are 4 panels:

1. **Overall**

The landing page gives a brief summary of the use by uptake as well as uptake by use for each country.

1. **Use & Uptake**

This panel provides 4 tabs:

**‘*Uptake of 6 steps’*** which gives charts on uptake of the six steps per usecase and by country.

**‘*By covariates’*** which gives charts of AKILIMO tools disaggregated by gender and country.

**‘*By perceptions’*** which gives charts of use by perception on attitude towards innovation by country.

**‘*Drivers of use and uptake’*** that provides a rank of perceptions in order of impact on use by country.

There is a column on the left of each tab that provides filtering capabilities. This allows for each chart to be viewed by:

1. Country/comparison of both countries
2. The four use cases FR, IC, SPHS & BPP
3. Grouping variables
4. Type of plot
5. **Map of events organized**

This panel offers an interactive mapproviding an overview of the events organized as well as total participation. There is a floating panel that offers filtering capability and a legend to explain the colours. Click the “click here to view map” in order to see the output.

1. **AKILIMO reach**

This panel provides an overview of how many farmers are reached through partners’ dissemination events, including training and sensitization events, field days and demonstrations, agric fairs and video shows.

The **‘*Overview of events organized’*** tab provides bar plots that allow disaggregation by event type, partner, or use case, and stacked fills by event type, partner and use case.

The **‘*Total number of attendees’*** tab provides details on AKILIMO reach, permitting disaggregation by partner, use case, event type, as well as stacked fills by gender, and faceting by country (default).