

Socio-Economic Impact Analysis and Bee Health



Dr. Hippolyte Affognon

Social Science and Impact Assessment Unit



icipe
African Insect Science for Food and Health

Creating Livelihood from Beekeeping

Beekeeping is a useful means for strengthening and creating people's livelihoods

Livelihood outcomes

(Capability-Assets-Activities required for a means of living)

- More income
- Increased well-being
- Reduced vulnerability
- Improved food security
- More sustainable use of the natural resource base



Creating Livelihood from Beekeeping

Pollination

The least visible livelihood outcome

Very difficult to quantify



Creating Livelihood from Beekeeping

- Community participation
- Gender status
- Access to institutions
- Educational security
- Food security
- Nutritional security
- Health security
- Economic security
- Shelter/water and sanitation security



Some definitions

Logical framework

The primary purpose of M&E is to:
Measure the degree to which a project is
implemented as planned

And how successfully it achieves its intended
results



Logical framework

The project design describes how:

Inputs and activities will result in **outputs**,

And how **outputs** will, in turn result in **desired outcomes and impacts**



Some definitions

Logical framework

The relationship between each of these levels is described in a **logical framework**

Starting with the initial resources or inputs that are available, will bring about the desired results



Some definitions

Activities

What must be undertaken in order to accomplish the outputs

Outputs

Outputs are deliverables/ goods and services that the project produces through planned activities.

It is the responsibility of a given project.



Some definitions

Outcome

Outcomes are changes that have been influenced, directly or indirectly, partially or totally, by outputs

It is the responsibility of a given project, though its achievement depends on the use of the project outputs by the immediate beneficiaries



Some definitions



Impact

The higher objective, to which the intervention along with others, is intended to contribute.

Impact is long-term, sustainable changes in the conditions of people



Some definitions

Results

There are different levels of **results** in development projects/programs/interventions:

Short-term result = Output

Medium-term result = Outcome

Long-term result = Impact



In terms of time, **output** (short term), **outcome** (medium term) and **impact** (long term) are all **results** at different level.



Routine program monitoring tends to focus on input, process and output. Generally it is **program evaluation** that addresses outcome and impact level results





Impact pathway

The **impact pathway** describes the sequence of events linking **research activities** with **outputs**, **outcomes** and ultimately with “**impact**”

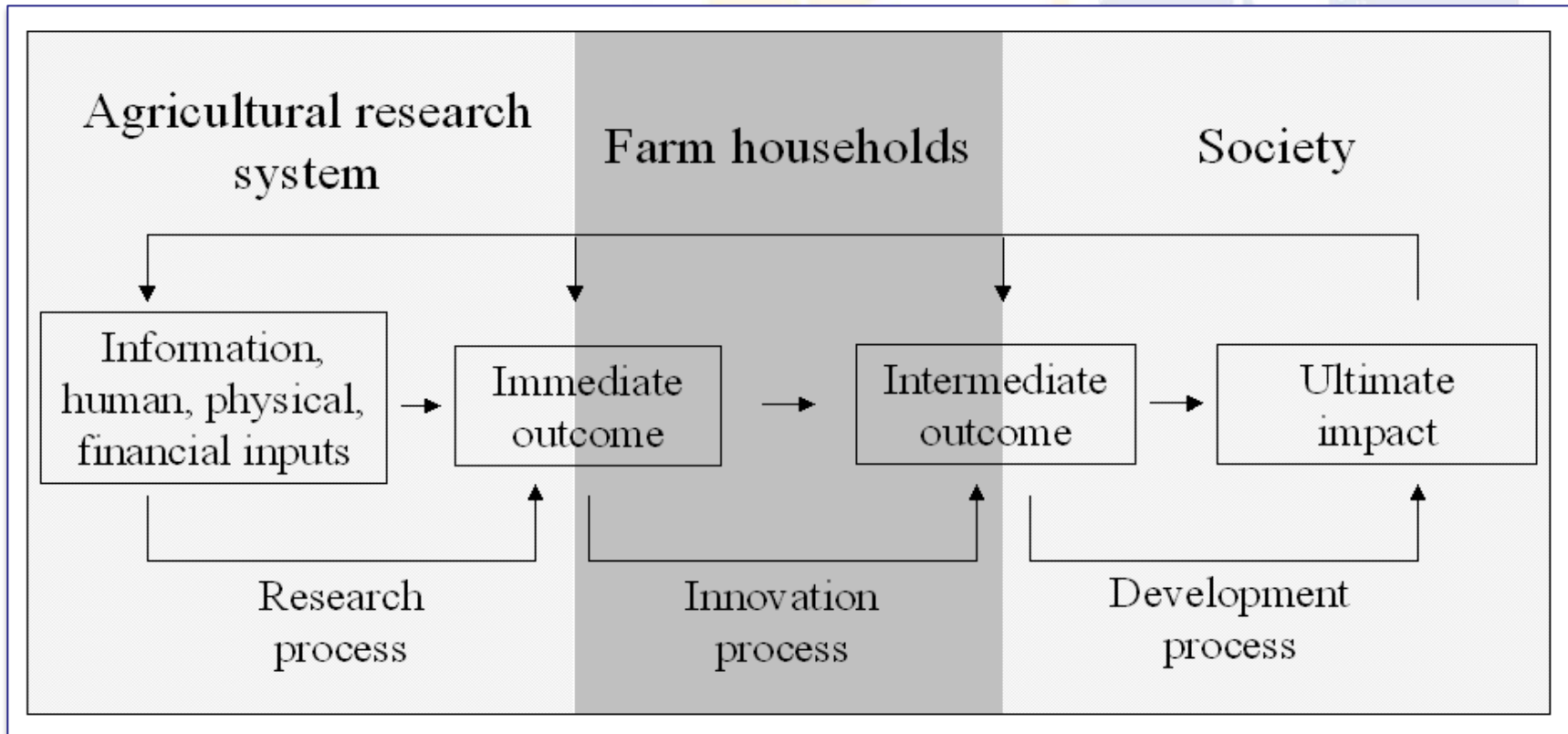
The basic structure of the impact pathway would include the following key steps:

- **Research input**
- **Research output**
- **Use of research output**
- **Impact on society**



Impact pathway

Illustrates the process of **impact generation**



Impact Assessment

To assess impact, **different methodologies** of agricultural research evaluation can be **distinguished**

The **ex-ante techniques** that evaluate proposed interventions before their implementation



Impact Assessment

The **ex-post techniques** which describe the evaluation of **past interventions** based on research results (research outputs) after an adequate time period **the research activity had been completed.**





Thank you for your attention

