

Exchange on data and methods for the analysis of livestock information systems

The Agenda, Focus Area 1 meeting

Ernesto Reyes – agri benchmark



GLOBAL AGENDA OF ACTION
IN SUPPORT OF SUSTAINABLE LIVESTOCK SECTOR DEVELOPMENT

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Main outcomes from the FA1 workshop (Nairobi 22-24/01/2013)

1. It was agreed to have a meeting between institutions which possess data and information on production and farming systems on global level.
2. The main objective of the meeting will be the exchange of available information on livestock systems. This can serve for scoping regions and production systems where future strategic guidance could take place.

Step wise process - FA1 workshop

(Nairobi 22-24/01/2013)

1. Scoping production systems and regions

Institutions from the FA1 agreed to demonstrate their database and data collection method and how they could be used to identify gaps in natural resource use efficiency by species, by production system and within regions/countries.

2. Defining a detailed assessment of the “gap”

Base on this analysis, an assessment of the reasons behind the gaps is required, in order to direct potential interventions.

3. Pilot Projects Development

To produce strategic sector guidance, the FAs will develop a framework to catalyze concrete actions into practice change. These actions can be analyzed in a preliminary phase as pilot projects, where selected regions and production systems could be tested (adoption and adaption of technology, and management practices which could reduce the efficiency gap).

4. Scaling up

Based on the experience acquired, the next step would be to scale up the applied knowledge to other regions and production systems.

Objectives

- To explore the availability of livestock information systems that can contribute to a better characterization and definition of production systems and regions.
- To exchange information regarding methodologies for collecting, processing, analyzing and benchmarking production systems and regions.
- To identify information systems which could be potentially used by the FA1 for scoping production systems and regions to work with.
- To identify models and tools which can be used for the assessment of the changes implicated in the improvement of efficiency.
- To explore future complementarities between livestock information systems for fulfilling the requirements of FA1.

Expected outcomes

- A set of livestock information systems (databases, models, tools) has been identified for scoping regions and production systems where potential interventions could take place.
- A preliminary list of variables has been defined for measuring efficiency, within the FA1 framework.
- Benchmarking methodologies have been explored for measuring livestock efficiency improvements.
- Each institution has defined its possible contributions to the FA1 in terms of information requirements and availability, models and tools used, and possible means of future regional intervention.

Proposed schedule

Thu, April 18

09:10 - 09:30	Round introduction and meeting presentation (E. Reyes, agri benchmark)
09:30 - 10:00	Official welcome (F. Isermeyer, President of the Thünen Institute)
10:00 - 10:30	The Agenda and the Focus Area 1 (P. Gerber - FAO-AGAL)
10:30 - 10:45	Coffee Break
10:45 - 12:30	Discussion session 1: Measuring efficiency
12:30 - 13:45	Lunch (Kantine)
13:45 - 14:45	Presentation ILRI (K. Hikuepi)
14:45 - 15:00	Coffee Break
15:00 - 16:00	Presentation CIRAD (P. Lecomte)
16:00 - 17:00	Presentation FAO-AGAL (P. Gerber)
17:00 - 19:45	Free time
19:45	Pick up at the hotel for dinner

Fri, April 19

09:00 - 10:00	Presentation agri benchmark (C. Deblitz)
10:00 - 10:30	Coffee break
10:30 - 11:45	Discussion session 2: How we can contribute further to the FA1 in terms of livestock information systems
11:45 - 12:45	Final remarks and steps to follow

Institutional presentations

Each institution will have 30 minutes for presenting its contributions and 30 minutes for questions.

The presentation should consist of:

- a. Defining and measuring efficiency
- b. Scope and framework of the livestock development assessment
- c. Methodological approaches and models used
(concepts, modeling, tools, variables measured, etc.)
- d. Livestock information systems currently used
- e. What this information system is measuring
- f. Regional coverage and current projects

Discussion sessions

There are 2 guided discussion sessions, for exploring efficiency measurements and future possible contributions to the FA1 in terms of livestock information systems.

The discussion sessions will consist of:

- An input session (7-10 minutes) for clarifying and defining the main elements and the expected outcomes.
- Active participation through cards.

1. Measuring efficiency

2. How we can contribute further to the FA1 in terms of livestock information systems

Session 1: Measuring efficiency

Objectives

- To exchange different ways of measuring efficiency.
- To explore how livestock efficiency can be measured in terms of the goals of the FA1.
- To determine the main elements that can be included for measuring efficiency in the activities of the FA1.

Input session

- *An attempt to provide the elements when measuring livestock efficiency (Claus Deblitz, agri benchmark)*

Methodology (matrix and cards)

- Each participant will list the levels to measure efficiency
- Each participant will list the variables and units they use for measuring efficiency
- A matrix will be filled by the participants according to the points above mentioned

Session 2: How we can contribute further to the FA1 in terms of livestock information systems

Objectives

- To define possible contributions to the FA1 in terms of:
 - ✓ Information requirements and availability
 - ✓ Models and tools used
 - ✓ Possible means of future regional intervention.

Input session

- *Closing the efficiency gap in beef farms (Location). An applied example of possible contribution (Ernesto Reyes, agri benchmark)*

Methodology (matrix and cards)

- Each institution will show how they can contribute to the FA1, specifically in terms of:
 - ✓ Livestock information systems and applicability to the FA1
 - ✓ Defining pilot regions
 - ✓ Defining pilot projects