

PRELIMINARY CONDITIONS FOR A LARGE SCALE USE OF CATTLE AND SMALL RUMINANTS ELECTRONIC IDENTIFICATION

REQUIRED CONDITIONS

Electronic tags have to :

- be adapted to electronic and visual reading for daily animal management,
- be easily recognizable among conventional tags,
- match with automatic equipments on farm.



Interoperability of devices :

For a large scale use, tags and readers have to be interoperable. Nowadays, some ISO standards, existing or coming soon, allow to reach this goal.

Management of non-read animals :

In case of stationary reading, when moving animals are read in corridors, it is necessary to set up management system for non-read animals.



Concerning readers :



- large range of ergonomic handheld readers to be used in different field conditions and for different kinds of operator,
- easy integration of stationary readers in existing facilities (as corridors or weighing cages),
- easy settings and connection for non-specialized operators.

Operators technical support :

Technical support will be provided to operators for adaptation of work organization to the use of EID.

CONTEXT

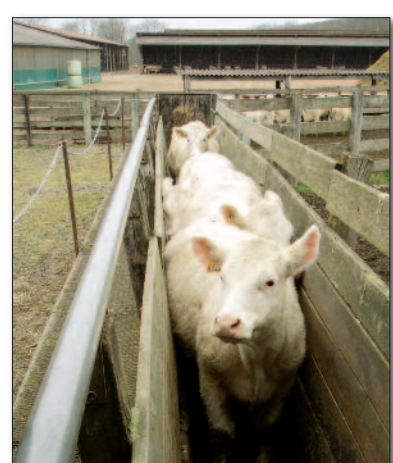
As a result of the continuous improvement of livestock electronic identification (EID), study the possibility of applying this technology to cattle, sheep and goats official identification.

METHOD

Implementation of pilot projects based on official EID used in management systems of involved operators.

SCOPE

6 cattle projects, 6 sheep projects, 2 goat projects, 250 breeders involved.



IMPROVEMENTS ARE STILL NECESSARY

- to adjust and connect readers easily,
- to improve reading rate for moving animals,
- to perfect non-read animals management systems,
- for a larger localization of electronic tag by automatic equipments in farm.