

# ANIMAL IDENTIFICATION AND REGISTRATION IN REPUBLIC OF MACEDONIA

35th ICAR Session

Kuopio, Finland

1  
10.07.2006

## Background

- Commitment of Macedonia has entered through
  - the Stabilisation & Association Agreement,
  - the Interim Agreement
  - FVO reports of 1999
  - Implementation of Pilot Project
- Pilot Project with significant deficiencies
- Establishment of new I&R project through I&R Unit of Veterinary Department of MAFWE in 2001

2  
10.07.2006

## Introduction of Cattle I&R System

### History

- Introduction of I&R system for cattle is a first step of establishing an I&R system for all domestic animal species
- Development of I&R System for Cattle
  - Defining a Competent Authority
  - Preparing a concept for I&R System
  - Adoption of I&R Legislation (I&R Law and Book of rules for cattle)
  - Design a strategy and concept for implementation
  - Procurement procedure (h/w, s/w, eartags, PDA's, printing materials)
  - Testing the system
  - Field implementation

3  
10.07.2006

## Introduction of I&R

- Defining a Competent Authority
  - In October 2002 the I&R Unit in Veterinary Department has been authorized for I&R of animals;
  - The Concept for I&R system for cattle was prepared in period May-October 2002;

4  
10.07.2006

## Development of I&R System for Cattle

- Legislation
  - Primary and secondary legislation compliant with EU regulations
  - Set in force in October 2004
  - System participation compulsory
  - Services provided through service providers (Veterinary Stations)

5  
10.07.2006

## Development of I&R System for Cattle

- Design a strategy and concept for implementation
- According to the I&R legislation, the I&R system for cattle comprises the following elements: ear tags as means of identification to identify each animal, up to date registers kept on each holding, passports and the central holding register (computer database);
- The system is based on modern Information Technology (Web based application, PDA devices), but could also run as paper based system

6  
10.07.2006

## Development of I&R System for Cattle

- Procurement procedure (h/w, s/w, eartags, PDA's, printing materials)
  - EAR (European Agency for Reconstruction) financially supported purchasing of the necessary equipment
- Testing the system
  - The system was tested in office and field environments in the period September-November 2004

7

10.07.2006

## EU Legislation transposed in to National I&R Law

- Council Directive 97/12/EC of 17 March 1997 amending and updating Directive 64/432/EEC on health problems affecting intra-Community trade in bovine animals and swine. OJ No L 103, 25.4.1997, p. 1.
- Commission Regulation (EC) No 2629/97 of 29 December 1997 laying down detailed rules for the implementation of Council Regulation (EC) No 820/97 as regards ear-tags, holding registers and passports in the framework of the system for the identification and registration of bovine animals. OJ No L 354, 30.12.1997, p. 19.
- Commission Regulation (EC) No 2630/97 of 29 December 1997 laying down detailed rules for the implementation of Council Regulation (EC) No 820/97 as regards the minimum level of controls to be carried out in the framework of the system for the identification and registration of bovine animals. OJ No L 354, 30.12.1997, p. 23.
- Commission Regulation (EC) No 494/98 of 27 February 1998 laying down detailed rules for the implementation of Council Regulation (EC) No 820/97 as regards the application of minimum administrative sanctions in the framework of the system for the identification and registration of bovine animals. OJ No L 60, p. 76.
- Commission Regulation (EC) No 331/1999 amending Regulation (EC) No 2629/97 as regards passports in the framework of the system for the identification and registration of bovine animals. OJ No L 40, 13.2.1999, p. 27.

8

10.07.2006

## EU Legislation transposed in to National I&R Law

- Commission Regulation (EC) No 1663/1999 of 28 July 1999 amending Regulation (EC) No 2629/97 as regards ear-tags in the framework of the system for the identification and registration of bovine animals. OJ No L 197, p. 27.
- Commission Regulation (EC) No 1898/2000 of 7 September 2000 amending Regulation (EC) No 2630/97 as regards the model for reporting the annual controls foreseen by Article 5(1) of that Regulation. OJ No L 228, 8.9.2000, p. 22.
- Regulation (EC) No 1760/2000 of the European Parliament and the Council of 17 July 2000 establishing a system for the identification and registration of bovine animals and regarding the labelling of beef and beef products and repealing Council Regulation (EC) No 820/97. OJ No L 204, p. 1.
- Directive 2000/15/EC of the European Parliament and the Council of 10 April 2000 amending Council Directive 64/432/EEC on health problems affecting intra-Community trade in bovine animals and swine. OJ No L 105, p. 34.
- Commission Decision 2001/672/EC of 20 August 2001 laying down special rules applicable to movements of bovine animals when put out to summer grazing in mountain areas. OJ No L 235, p. 23.

9

10.07.2006

## EU Legislation transposed in to National I&R Law

- Commission of the European Communities: Proposal for a Council Regulation establishing a system for the identification and registration of ovine and caprine animals and amending Regulation (EEC) No 3508/92, Brussels, 13.12.2002 COM(2002) 729 final – 2002/0297 (CNS).

The Regulation (EC) No 21/2004 laying down detailed rules for the establishing a system for identification and registration of ovine and caprine animals is not incorporated in I&R Law, because the procedure for adoption of the Law had already started at the time when Reg. 21/2004 was put in force. However, the amendments of the I&R Law, incorporate the provisions of the a.m. Regulation.

10

10.07.2006

## Implementation

- Central holding register established, based on the Cattle holding census, carried out in winter/spring 2004;
- All system participants (Vet stations, Vet Inspectors, Slaughterhouses) were trained prior first tagging campaign;
- Information Campaign carried out;
- Field activities started in December 2004;

11

10.07.2006

## System elements

- Two identical ear tags with unique No;
- Central Holding Register;
- Up to date holding register;
- Holding ID card
- Reporting of movements;
- Cattle passports;

12

10.07.2006

## Eartags

- Prescribed format and contents;
- 8 digit subsequent number with check digit;
- 15 digit ISO code;
- Ordering and distribution controlled by I&R Unit;
- Control of issuing of replacement

13  
10.07.2006

## Central Holding Register

- Each holding has unique 9 digit number;
- First 4 digits represent village code, next 4 digits represent holding No within the village and the last one is check digit;
- To obtain holding ID the registration procedure is required;
- All relevant keeper data are kept in the DB

14  
10.07.2006

## Stakeholder obligations

- Reporting of event – keeper 7 days;
- Tagging and registration – Vet. Station 21 Days;
- Passport issuing – 14 days Vet. Dep.;

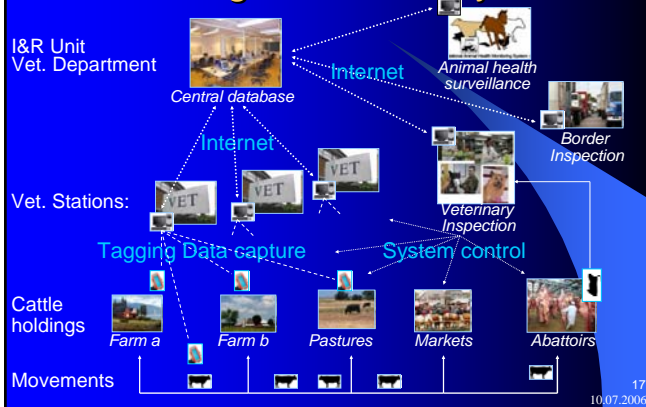
15  
10.07.2006

## Execution of 1st tagging campaign Farm visit

- Inclusion of Holding ID Card in Farm Book
- Hand-over of the Farm Book to farmer
  - Brief explanation of function and contents of the Farm Book
    - Holding ID card
    - Cattle Keepers Information Sheet
    - Birth report Cards
    - Movement Report Card
    - Order Postcard
    - Farm Cattle Register
- Request the farmer to carefully read the "Cattle Keepers Information Sheet"
- Assistance in filling the farm cattle register

16  
10.07.2006

## Functioning of the I&R System



17  
10.07.2006

## Present state

- 244.006 animals recorded in the DB
- Ongoing training and information activities

18  
10.07.2006

## Progress of I&R field activities



19  
10.07.2006

## www.idvet.gov.mk



20  
10.07.2006

## DB Accessibility

- Different types of users have different privileges for data access
- Information stored in the DB are strictly confidential, according to the Law for personal data protection
- All VD staff has full (read only) access to the DB

21  
10.07.2006

## Controls

- Control of transport and stock market
- Control in the slaughterhouses
- Control of VS (Vet. Stations)
- On spot control of holdings (2393 forms sent, 1139 received):
  - Animals with one eartag 19
  - Untagged animals 3
  - Animals not on farm 1705
  - Animals without passport 206
- 45% of estimated births and movements are covered (increasing each month by few % due to publicity and control activities)

22  
10.07.2006

## Upgrading of the I&R System and future planned activities

- Animal Tracing (Enabling tracing forward and backward of animals in predefined time period);
- Sheep and goats (SR) I&R System
- Subsidy Module
- Animal Health (Inclusion of bleeding, testing, vaccination)
- Oracle Discoverer Forms (enables quick and effective reporting)
- Introduction of GIS

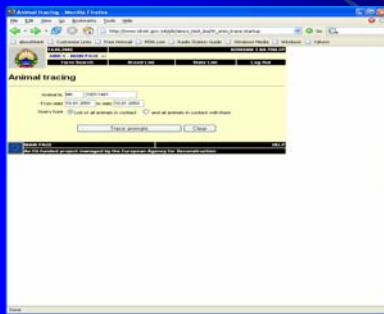
23  
10.07.2006

## Animal Tracing

- Essential tool for disease control and eradication programs;
- Combined with GIS, provide quick and reliable information for animal population in defined area;

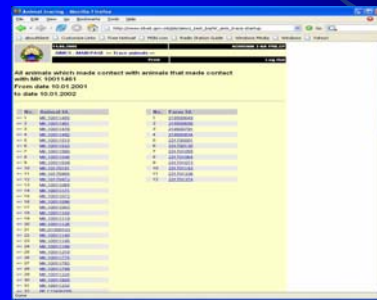
24  
10.07.2006

## Animal tracing



25  
10.07.2006

## Animal tracing



26  
10.07.2006

## Subsidy Module

- Starting from 2006, the subsidies for cattle production will be checked in the VD - I&R Unit
- The application forms with attached copies of holding ID card and cattle passports will be delivered to the I&R Unit, and cross checked with the information stored in the DB

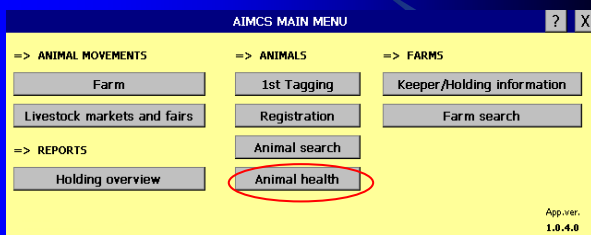
27  
10.07.2006

## Animal Health

- Animal health component, combined with AIMCS provides complete picture of events related to an animal
- The system is designed in a way that correct data is obtained with as little additional work for veterinary as possible
- The Tender for this Module is already published

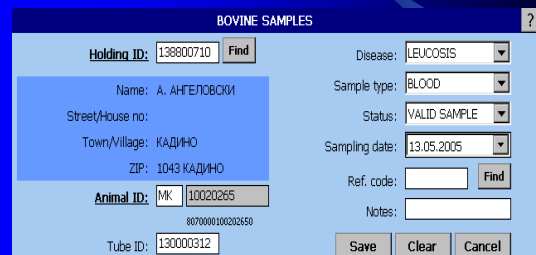
28  
10.07.2006

## PDA Main menu



29  
10.07.2006

## PDA- Samples data entry



30  
10.07.2006

## Oracle Discoverer Forms

- Producing user friendly reports;
- Graphic interface;
- Enable better insight of the I&R system to decision makers;

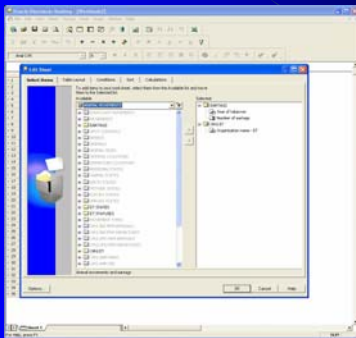
31  
10.07.2006

## Oracle Discoverer Forms



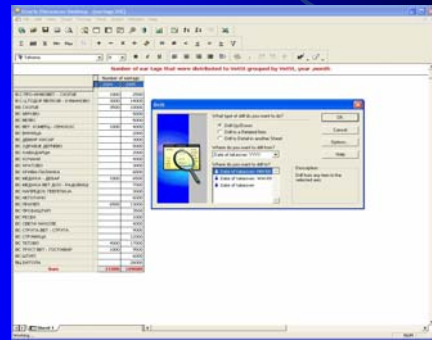
32  
10.07.2006

## Oracle Discoverer Forms



33  
10.07.2006

## Oracle Discoverer Forms

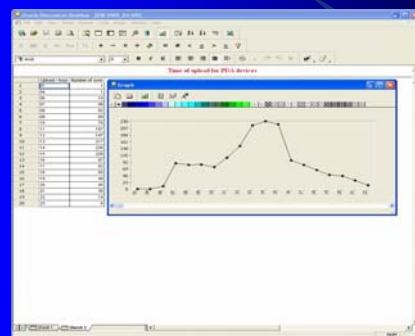


34  
10.07.2006

## Oracle Discoverer Forms

35  
10.07.2006

## Oracle Discoverer Forms



36  
10.07.2006

## Sheep and Goats I&R System

- Strategy for implementation prepared;
- Amendments of the Primary Legislation prepared
- Book of Rules for I&R SR prepared
- First field activity (census of SR holdings) started

37  
10.07.2006