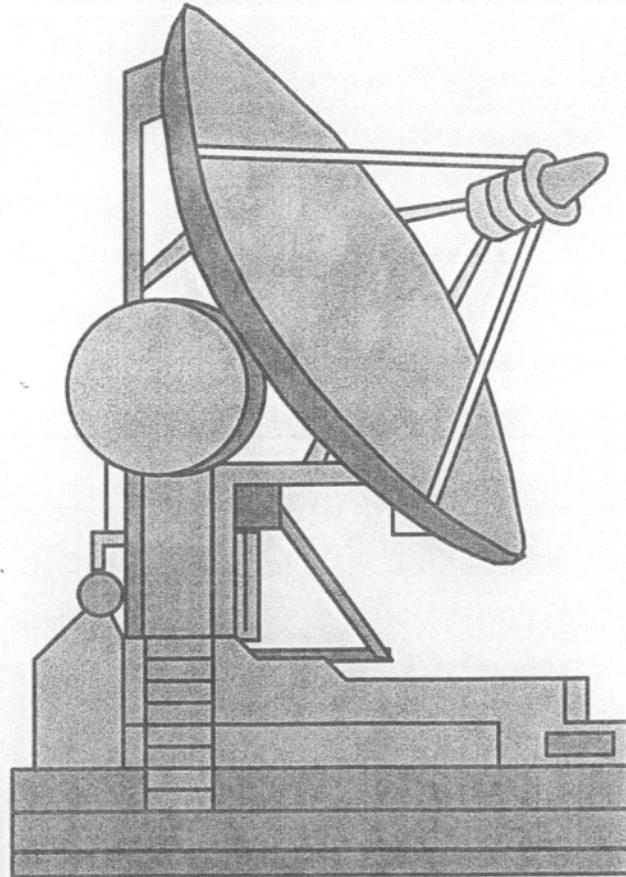
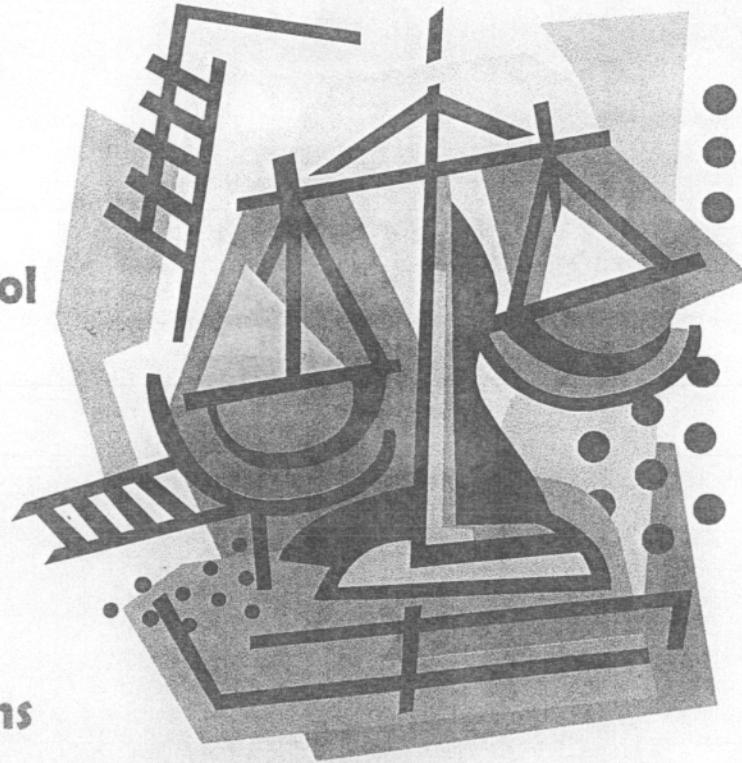

“EVROS” (= Epidemio-Vigilance ROtational System)

- ◆ **Description**
An integrated system of active epidemio-surveillance and crisis management in areas-at-risk
- ◆ **Background**
Developed in the light of experience gained over repeated incursions of exotic diseases in the '90s
- ◆ **Initiation**
Launched in 2000, supported by Com.Dec.2000/71/EC



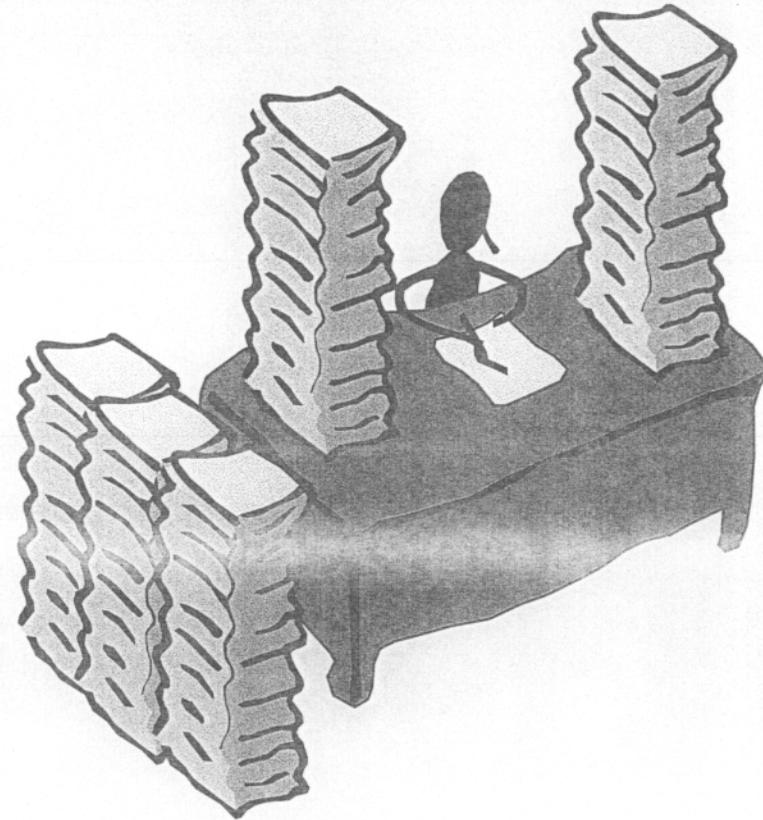
1. Objectives

- ◆ **In presence of disease**
- ◆ **Early warning and effective control of targeted diseases (FMD, PPR, S/G P, BT, RP)**
- ◆ **Financial management of control measures**
- ◆ **In absence of disease**
- ◆ **Organization of daily work and proper recording thereof**
- ◆ **Job description of the staff**
- ◆ **Enhancement of communications and accessibility of data**



2. Concept & Rationale

- ◆ Analysis of fields and activities of epidemiological significance.
- ◆ Design of a comprehensive and rational field action plan and integration into a single *modus operandi*.
- ◆ Design of content and flow of relevant information in dial-up computerized network.
- ◆ Development of data storing and processing capabilities.
- ◆ Enhancement of communications



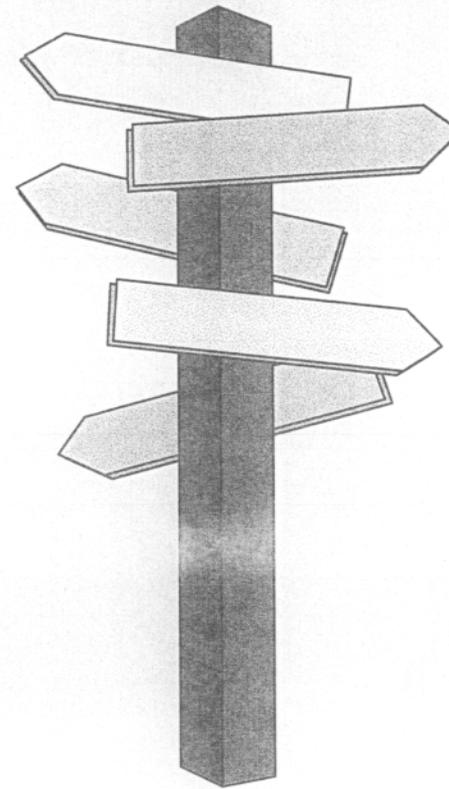
3. Main Components

- ◆ **Field Operations**
A well defined set of actions, in rational and chronological sequence, stemming from and serving the objectives of the programme.
- ◆ **Data Base**
Hardware & software purpose-designed for storing, processing and evaluating data and enhancing communications.



4.1 Field Operations of Surveillance

- ◆ **Active surveillance**
 - a) **Clinical**
 - b) **Serological**
 - c) **Entomological**
 - d) **Epidemiological**
- ◆ **Holding Registration**
- ◆ **Animal Identification**
- ◆ **Movements Control**
- ◆ **Inspection of Establishments**
- ◆ **Inspection of Professionals**



4.2 Geographical Area of Surveillance

◆ **Border areas at-risk for transboundary incursion of exotic diseases, i.e :**

- 1 **Evros**
- 2 **Rodopi**
- 3 **Chios Island(s)**
- 4 **Samos Island(s)**
- 5 **Lesvos Island(s)**
- 6 **Dodekanisa Island(s)**



4.3 Organization of Surveillance

◆ Frequency of surveillance

- ◆ Routine surveillance is carried out in “waves” with a 4-month period in all areas of implementation.
- ◆ Extraordinary surveillance is carried out in all cases of animal movements off or slaughters in areas of application

◆ Geographical variations

- ◆ 100% of villages in Zone A (20 km-deep zone in EL-TUR border in Evros Pref.)
- ◆ 20% of villages in Zone B (all other areas), renewable in each new “wave”

4.4 Modalities of Surveillance

- ◆ **Clinical examinations**
 - ◆ 60 sheep / village
 - ◆ 100% bovines / village
 - ◆ 100% of animals leaving Zone A
 - ◆ 10% of animals in 100% of consignments leaving Zone B
- ◆ **Serological monitoring**
 - ◆ 60 sheep / village
 - ◆ 100% animals leaving Zone A
 - ◆ 10% animals in 100% of consignments leaving Zone B
 - ◆ 10% slaughtered animals
 - ◆ 30-50 sentinel bovines in each Prefecture / 15 days (seasonal monitoring for BT)

July-Dec

C. imicola

4.5 Modalities of Surveillance (Cont.)

◆ Entomological Monitoring

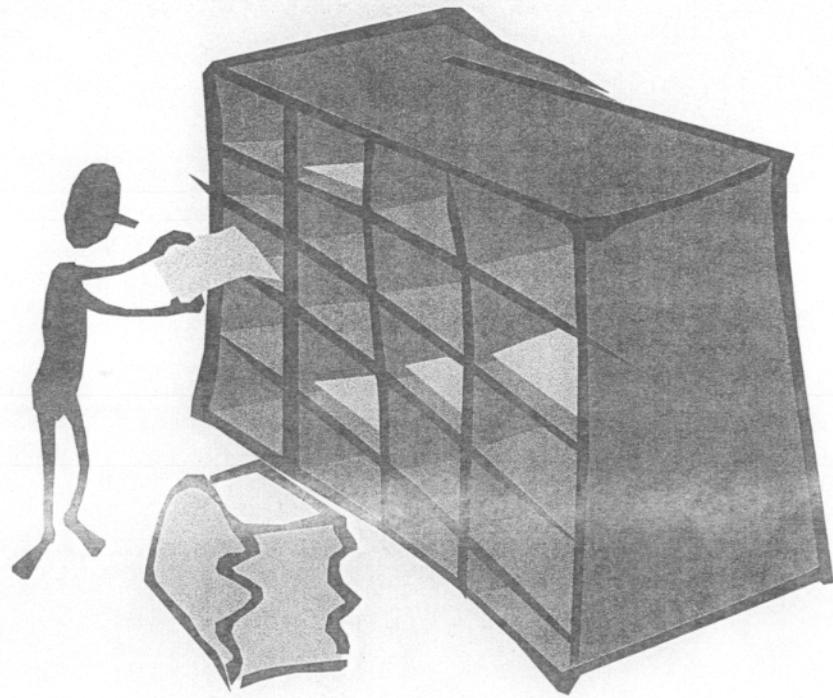
- ◆ Placement of at least 1 light trap in each Pref.
- ◆ Collection-classification of insects / 15 days (seasonal monitoring for BT)
- ◆ Vector control measures, as appropriate

◆ Epidemiological Surveys

- ◆ Control of movements
- ◆ Inspection of establishments
- ◆ Inspection of operators & professionals
- ◆ Follow-up investigations of suspect cases

5.1 Data Base

- ◆ **Contents**
- ◆ **Links & Sites**
- ◆ **Communications & flow of information**
- ◆ **GIS (planned)**



5.2 Contents of Data Base

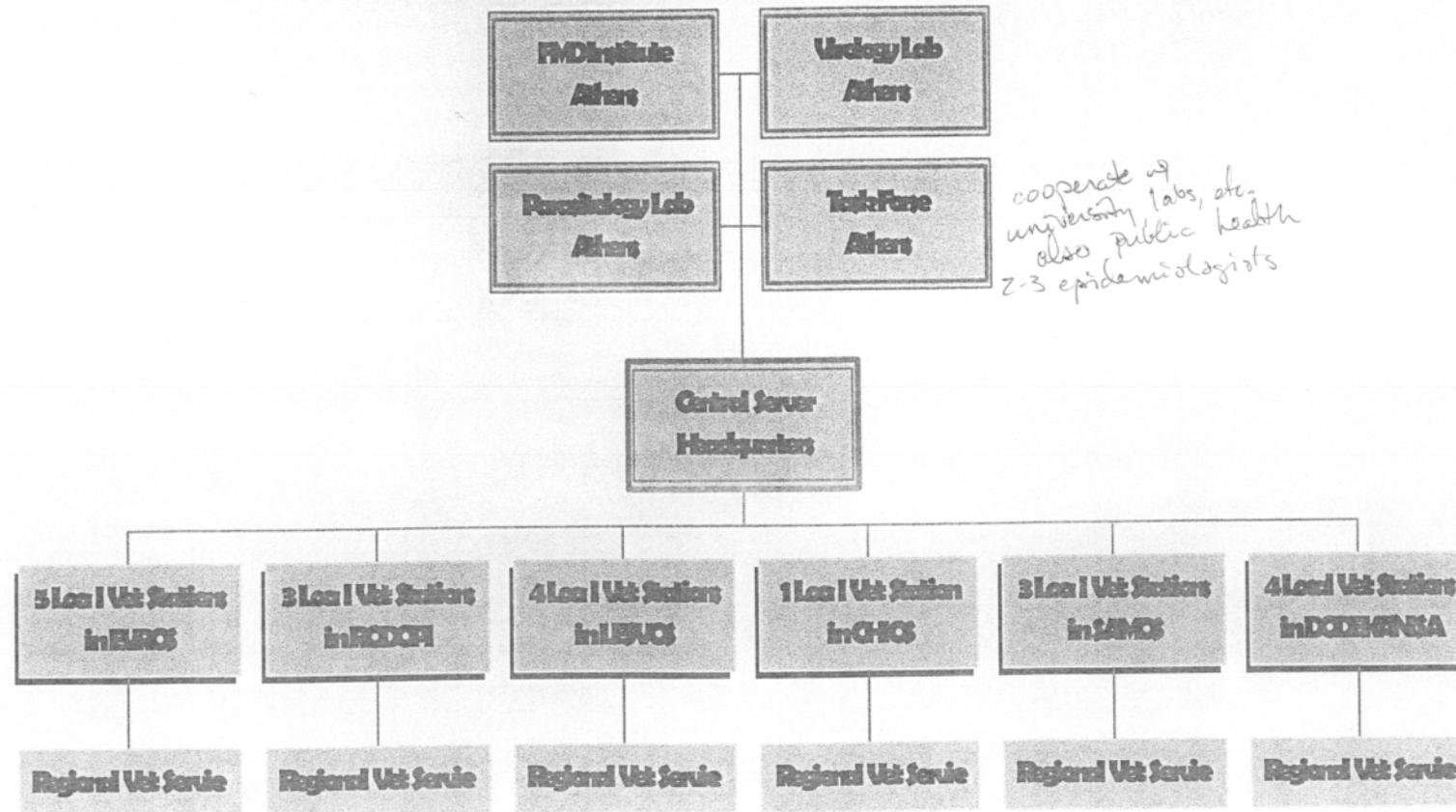
◆ Stable Part

- ◆ Prefectures, villages
- ◆ Holdings, flocks
- ◆ Owners, farmers
- ◆ Species, number, ID of animals
- ◆ Local Veterinary Stations
- ◆ Laboratories
- ◆ Veterinarians, auxiliaries
- ◆ Establishments
- ◆ Professionals, operators
- ◆ Codes of diseases, lab tests, examinations, epidemiological inquiries

◆ Variable Part

- ◆ Updating of holdings / flocks
- ◆ Movements of animals
- ◆ Register of clinical exams
- ◆ Register of lab tests
- ◆ Register of epidemiological inquiries
- ◆ Register of insect monitoring
- ◆ Register of slaughters
- ◆ Register of carcass movements
- ◆ Disease Log
- ◆ General Work Log

5.3 Links & Sites of Data Base



5.4 Communications & flow of information

