Key aspects for enforcing the safety of food of animal origin

-The stable to table concept regarding food safety-

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Successful principles for the production of food

- Based on a common legislative framework
- Safe for the consumer & welfare of food producing animals
- Environmentally friendly and sustainable
- Traceable throughout the whole feed & food chain
- Self-supervised and self-control by the feed & food producers
- Inspected, monitored and controlled by the State Authorities
- Assessed, managed and communicated risks for feed & food safety
The risk analysis should cover all aspects of:

- Environment & chemistry
- Animal health & hygiene
- Animal welfare
- Animal nutrition, husbandry & zootechnics
- Collection, processing & marketing of feed & food
- Other aspects of Veterinary Public Health
The risk analysis is supported by:

- Annual sampling and monitoring plan for the food chain
- Network of monitoring institutions & testing laboratories
- Modern electronic monitoring & communication network
A Veterinary System on the Protection of Consumers, Animals and Environment

A. Stable to table concept concerning the domestic production of food

1. Animals
   - Animal Health Standards
   - Animal Welfare Standards
   - Veterinary Public Health Standards

2. Chain of Production and Processing
   - Standards on Feeding Stuff / Water
   - Zootechnics / Breeding Standards
   - Pharmaceutical / Biological Standards
   - Environmental Standards

3. Consumer
   - Food ready for use
A Veterinary System on the Protection of Consumers, Animals and Environment

B. Import / Transit

Hygiene & Technical Standards → Imported Animals & Animal Products → Veterinary Import / Transit checks at BIP's on Outer Border → Internal Veterinary checks → Consumer
A Veterinary System on the Protection of Consumers, Animals and Environment

C. Export: Principles and Bilateral Agreements
Preparations of the veterinary sector for enforcing the safety of food successfully

The stakeholders
The stakeholders

1. Veterinary Teaching Establishments
2. Private Veterinary Sector
3. State Veterinary Sector
4. Feed and Food Industry
5. Farmers and Livestock Industry
Stakeholder (1)

Veterinary universities/schools

1. Teaching & training of
   - Undergraduates
   - Official Veterinarians
   - Control staff of feed & food chain

2. Assessment of the teaching and training sector (EAEVE, PVS)
Stakeholder (2)

Private Veterinary Sector

- Establish a self-regulatory body

2. Assessment of the private veterinary sector (FVE/PVS)
Stakeholder (3)

State Veterinary Sector

1. Veterinary Framework Law

2. Establish the administrative structures and capacity within HQ, regional & local services, laboratories & BIPs

3. Enforce the tasks regarding approval, registration of establishments, monitoring, surveillance, inspection & control, sampling & testing, health marking & certification, collection of fees
Stakeholder (3)

State Veterinary Sector

Border & domestic market control

4. Infrastructure for BIPs
5. Import/transit conditions
6. Import/transit control procedures
7. Data processing & communication
8. Checks at place of origin & destination
Stakeholder (3)

State Veterinary Sector
Animal Health

9. Animal identification, registration & movement
10. Laboratory capacity system
11. Animal disease notification
12. Contingency plans
13. Simulation exercises
14. Vaccination policy
15. National rendering plan & feed ban
16. Animal health trust (emergency) fund
Stakeholder (3)
State Veterinary Sector
Animal Welfare

17. Investments in farms/zoos/laboratories
18. Investments in transport
19. Investments in slaughter
20. Public awareness
Stakeholder (3)
State Veterinary Sector
Veterinary Public Health

21. Residue control plan
22. Pharmaceutical control
23. Zoonosis control plan
24. Upgrading plan for food establishments
25. Traceability system (VMP, GM feeds)
26. Introduction of HACCP
27. Product inspection & laboratory capacity
Stakeholder (4)

Feed & food collection & processing industry

- Structures for collection, processing of feed & food including disposal of waste material
- Operation of structures according to technical norms & standards, hygiene & quality requirements
- Own checks, self supervision & HACCP
- Labelling
- Traceability
Stakeholder (5)
Farmers & livestock industry

Challenges and tasks ahead

- Animal identification & traceability
- Application of technical, hygienic standards & norms -Cross Compliance-
- Registration of farms & establishments
- Animal health trust fund
Conclusions (1):

Challenges concerning safety of food of animal origin:

- Traceability of the food chain
- Food collection & processing technology & HACCP
- Production technology norms & hygiene standards
- Examination, sampling and testing of feed & food
- Additives & other substances
- Residues & contaminates
- Zoo – anthroponosis / biological hazards
- Training schemes for all stakeholders
- Integrated veterinary system involving all stakeholders
Conclusions (2):

*Food Safety and Quality*

= 

*of all key aspects of* and *all actions on*

*Animal Health*

*Animal Welfare*

*Veterinary Public Health*
Conclusions (3)

Healthy animals and products of animal origin, properly handled, monitored, checked & tested

- Keep the food industry running safely, efficiently & profitably
- Guaranty the highest level of protection of the consumers and their trust in the system
- Present best basis for EU membership preparation
Preparations of the veterinary sector for EU membership (farm/stable to table concept)

- Pharmaceuticals from herd treatment
- Chemicals from industrial pollution, fertilizers, herbicides, pesticides
- Environmental microbiology & parasitology
- Pollutions from animal holdings in soil, water & air

*) OIE working group on Animal Production Food Safety 2004
*) EU New legislation package on Food Safety 20002 - 2005
Common*) Aspects of agri-environmental standards:

- Pharmaceuticals from herd treatment
- Chemicals from industrial pollution, fertilizers, herbicides, pesticides
- Environmental microbiology & parasitology

Pollutions from animal holdings in soil, water & air

*) OIE working group on Animal Production Food Safety 2004
*) EU New legislation package on Food Safety 20002 - 2005
Aspects of feeding stuffs and water standards:

- Additives
- GM feeds
- Contamination (physical, chemicals, microbiology, parasitology)
- Traceability regarding animals receiving on GM feed
Aspects of zootechnical & husbandry standards:

- Disease resistance & genetic resources
- GM animals
- Keeping, housing & production systems, equipment
- Management of farming
Aspects of animal health & hygiene standards:

- Disease prevention & control programmes
- EU non vaccination policy
- GMO vaccines
- Identification & traceability systems
Aspects of animal welfare standards:

- Keeping, housing & production systems, equipment
- Stunning of animals
- Transport of animals
- Breeding of certain animals