



UPDATE ON DISEASE SURVEILLANCE

Miguel C. Llorca
General Assembly 2012
Vienna

Thoughts on some viral infections in middle Europe



**Gabor Bodo,
Tamas Bakonyi
Hungary**

FEEVA, SIVE meeting Venice

24.01.2008

Exotic and endemic disease surveillance

FEEVA General Assembly Jan 24th
2008

Josh Slater



British Equine Veterinary Association



Disease surveillance



FEEVA General Assembly Nov 5th 2009

Dublin

Josh Slater, BEVA



Royal Veterinary College
University of London



Feeva GA Vienna, 28th Novber 2012

FEEVA

Federation of **E**uropean **E**quine Veterinary **A**ssociations

***FEEVA
POSITIONS***

**FEEVA Position on
Infectious Disease Surveillance.**

EU Animal Disease Notification System **ADNS / ADIS**

- DIR 82/894
modified
- EXOTIC ??
- Each case +-
 - DOURINE
 - EQUINE ENCEPHALOMYELITIS
(EASTERN, WESTERN, VENEZUELAN)
 - GLANDERS / FARCY
 - EQUINE INFECTIOUS ANAEMIA
 - AFRICAN HORSE SICKNESS
 - VESICULAR STOMATITIS
- Also notified to
OIE / WAHIS

OIE / WAHIS

- Immediate notification
- Weekly reports
- Semestrial reports
(Annual) → Limitations
- Endemic +-?

*.OIE Terrestrial Animal
Health Code.doc*

- ANTHRAX
- RABIES
- TRICHINELLOSIS
- ECHINOCOCCOSIS / HYDATIDOSIS
- LEPTOSPIROSIS
- JAPANESE ENCEPHALITIS
- WEST NILE FEVER
- EQUINE CONTAGIOUS METRITIS
- EQUINE INFLUENZA
- EQUINE PIROPLASMOSIS
- EQUINE RHINOPNEUMONITIS
- EQUINE POX
- EQUINE VIRAL ARTERITIS
- HORSE MANGE
- TRYPANOSOMOSIS (SURRA)
- *EPIZOOTIC LYMPHANGITIS
- *HENDRA

UPDATE 2012

- Disease Surveillance Survey 2009 completed with:
 - Finland.
 - Sweden.
 - Switzerland.
 - Portugal.

[Summary_infectious diseases feeva 2012.doc](#)

FEEVA vision for equine infectious disease surveillance

- Effective exotic and endemic disease surveillance is essential
- Economic losses from suspension of competition, transport and compulsory slaughter are major concerns to the industry: lobbying of EU and national parliaments is required
- Priorities for the surveillance for the equine industry:
 - identify and share best practice, including diagnostic tests
 - build networks of experts
 - establish contingency plans
 - develop CPD for the everyone in the equine industry
- Surveillance systems already developed (e.g. Thoroughbred sector; RESPE) should be transposed to other sectors

FEEVA strategic plan for disease surveillance 2012-15

Objective 1. Information sharing

Collection and collation of disease surveillance resources available in different countries, available via the FEEVA website:

- Reseau d'Epidemio-Surveillance en Pathologie Equine: www.respe.net
- Equine Disease Surveillance (DEFRA/AHT/BEVA): www.aht.org.uk
- Equiflunet: www.aht.org.uk/cms-display/equiflunet.html
- Istituto G Caporale: www.izs.it
- AMAG: www.myopathieatypique.fr
- European Network for Diagnostics of Imported Viral Diseases: www.enivd.de
- Surveillance Network of Reoviruses, Bluetongue and African Horse Sickness, in the Mediterranean Basin and Europe: www.medreonet.cirad.fr
- EuroWestNile: www.eurowestnile.org

FEEVA strategic plan for disease surveillance 2012-15

Objective 2. Raising awareness and education

Production and distribution of awareness-raising materials about disease surveillance for the veterinary profession and horse industry:

- www.discontools.eu
- BEVA/AHT/Defra quarterly disease reports: www.aht.org.uk
- Equine Quarterly: www.ca.uky.edu/gluck/
- Strategy To Eradicate and Prevent Strangles (STEPS). British Horse Society Scotland. www.strangles.org

FEEVA strategic plan for disease surveillance 2012-15

Objective 3. Defining and promoting best practice

Facilitating sharing of best practice between countries:

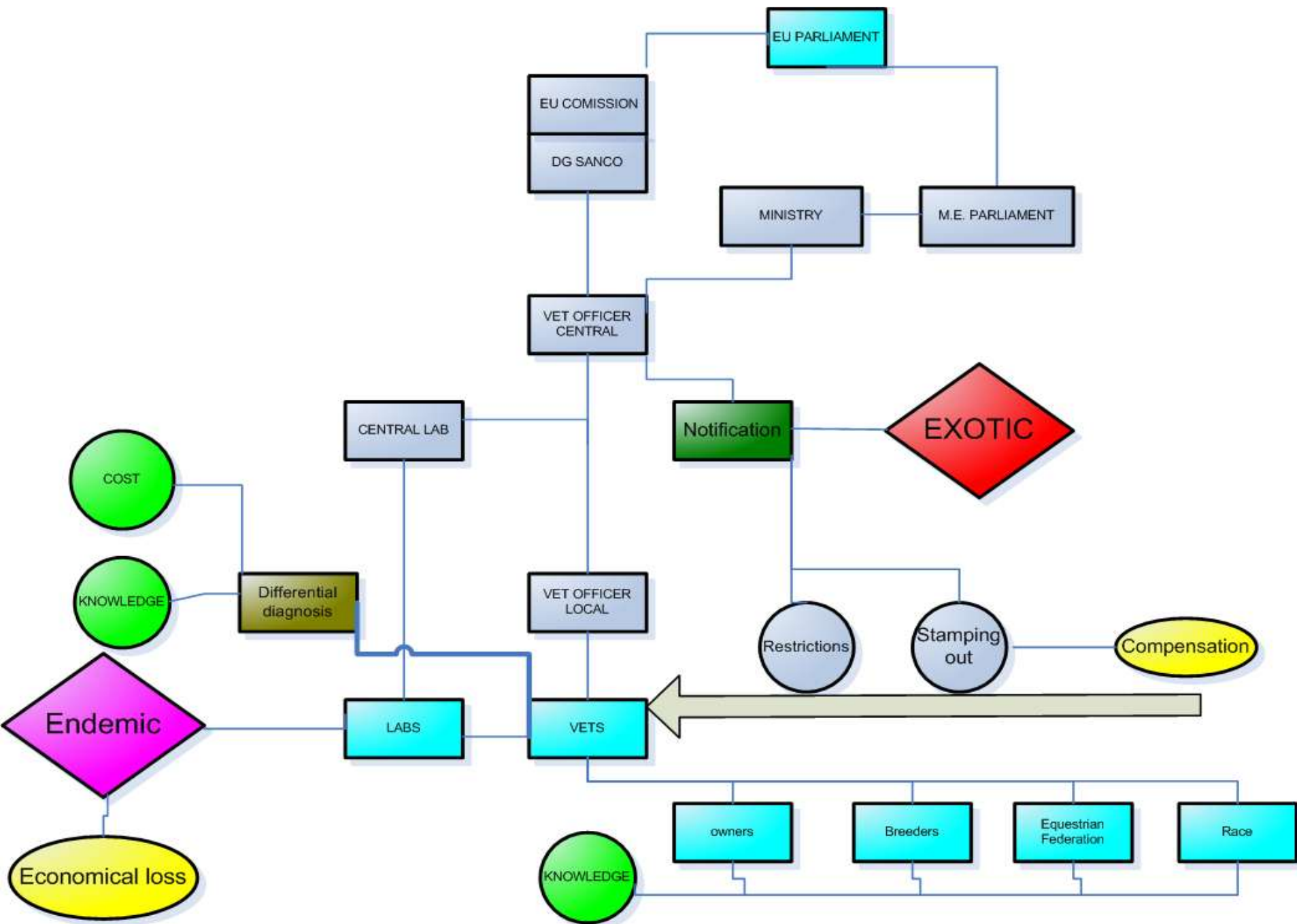
- HBLB Codes of Practice for: CEM, EHV, EVA, ECE, EIA, Dourine and Strangles www.hblb.org.uk
- -Contingency Plan for Exotic Notifiable Diseases of Animals, Defra.Uk www.defra.gov.uk
- -Manuales Prácticos de Operaciones en la Lucha contra la Estomatitis Vesicular (VS), Peste Equina Africana (AHS), Fiebre del Nilo Occidental (WN), MAGRAMA. Es
- (Specific National Disease Contingency Plans for terrestrial animal diseases) www.oie.int

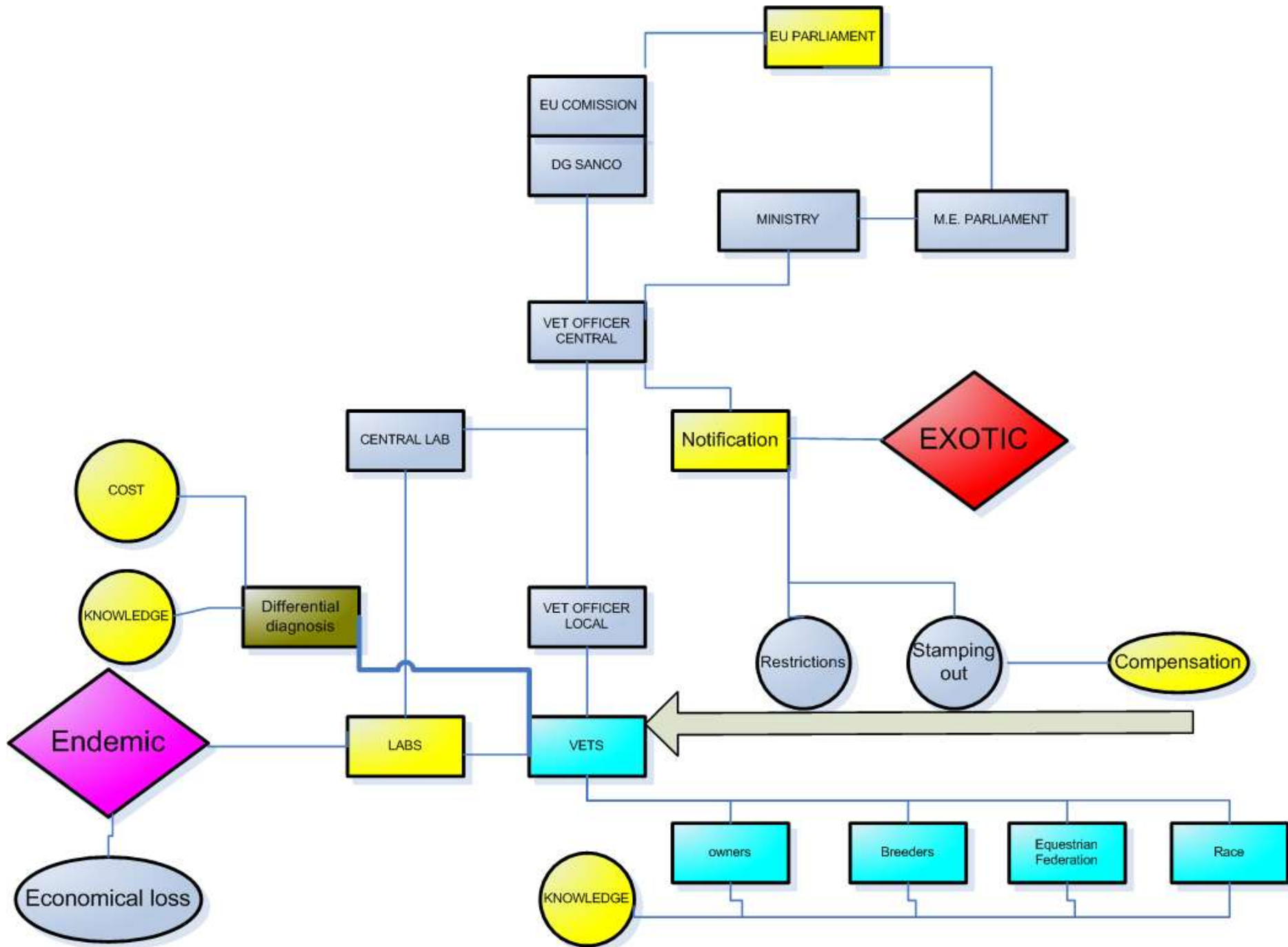
FEEVA STRATEGY

TIME TO DECIDE!!!



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FEEVA STRATEGY

Work stream proposals

1. Compensation for compulsory slaughter survey
 - Comparison between countries
 - Measures to adopt: Insurances, E.M. and EU Parliament
2. Financial help for laboratory diagnostic testing
 - Tests for exotic diseases
 - Tests for endemic diseases
3. Raising awareness and education
 - Differential diagnosis, disease recognition and reporting
 - Written materials; other materials e.g. podcasts?

FEEVA STRATEGY

Delivery

1. Disease surveillance working group

- WG membership
 - Size and constitution?
 - FEEVA Delegates?
 - Co-opted members (epidemiologists or other individuals with particular expertise or experience)?
- as Josh Slater proposed in 2009 at Dublin GA and in 2010 at Debrecen GA.

THANK YOU!!



Feeva GA Vienna, 28th Novber 2012