

Rescue in the case of diseases



Waltraud Kugler: Extract from presentations of OIE, EU, DG SANCO and Defra, UK

The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.



SWISSLOS
Kanton St.Gallen



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra



www.elbarn.net

Contents

International Organisations and Rules

OIE (World Organisation for Animal Health)

Objectives and Standards

OIE: Measures within an outbreak of a disease

OIE: Mechanism of Prevention

European Union

EU Animal Health Legislation

EU legislation and new tools for disease control and rare breeds

Example FMD

“Common” rules for the main diseases

National Action Plan in UK

The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.



SWISSLOS
Kanton St.Gallen



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra



www.elbarn.net

Relevant International Organisations and Rules

**OIE(Office International des Epizooties) =
World Organisation for Animal Health (established 1924):**

Objectives

- **ensure transparency in global animal health situation**
- **collect, analyse and disseminate scientific veterinary information concerning animal diseases**
- **contribute expertise and encourage coordinated approach to disease outbreaks**
- **improve veterinary services within its WTO mandate, safeguard world trade through animal health standards**
- **animal welfare and animal production food safe**



The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.



SWISSLOS
Kanton St.Gallen



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra



www.elbarn.net

OIE Standards

WTO Sanitary and Phytosanitary (SPS Agreement) recognises OIE as a reference organisation for international standards



The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.



SWISSLOS
Kanton St.Gallen



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

OIE Standards

Terrestrial Animal Health Code – mammals, birds and bees
(www.oie.int)

- **sanitary measures** to be used by veterinary or other competent authorities faced with animal diseases including zoonoses
- **health regulations**, including surveillance guidelines, to prevent importations of pathogens, including those transmissible to humans, while avoiding unjustified sanitary barriers
- **diagnostic methods** to be used by laboratories
 - quality criteria for vaccines
 - how to collect and process semen and Embryos



The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.



OIE: Measures within an outbreak of a disease

- Preventive Measures
 - Intensive surveillance
 - Biosecurity measures
 - Vaccination
 - Zoning and Compartmentalisation
- Culling necessary, when
 - Disease outbreak of significant public health implication
 - pandemic potential
 - Early stages of a disease of rapid spread
 - Conditions seriously affecting animal welfare

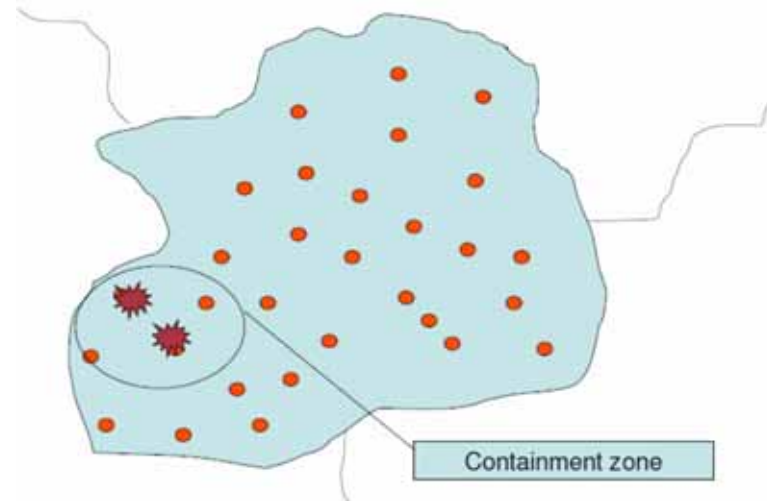
The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.



OIE: Measures within an outbreak of a disease

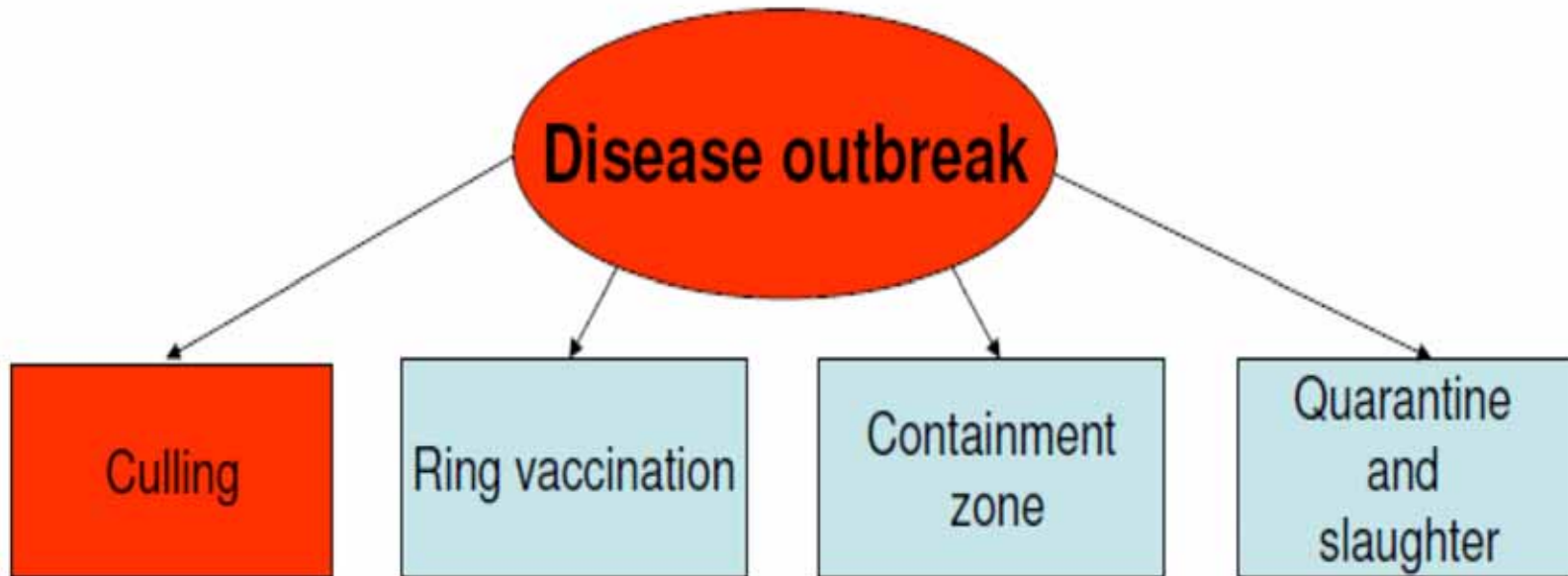
- Preventing culling
 - Early detection and response
 - Containment zone
 - Ring vaccination
 - Quarantine

(followed by on time slaughter)



The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.

OIE: Mechanism of Prevention



The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.



OIE: Needs

- good Veterinary governance and the ability to detect emerging diseases
- Veterinary Services need a communication strategy to increase the awareness and consumer confidence
- Coordination between Ministries by transfer of the right message on public health and food safety
- Improvement of the private-public partnership

The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.



SWISSLOS
Kanton St.Gallen



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Possibilities for Rare Breeds

- Vaccination
- Compartmentalisation



The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.



EU Animal Health Legislation

EU legislation and new tools for disease control and rare breeds

- there is no unique definition for “rare breeds” in EU legislation
- the “old” FMD Directive 85/511/EEC already referred to the need of protection special breeds as a criterion to decide the introduction of emergency vaccination
- Now more specific provisions for rare breeds are included in several disease control Directives

The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.



Eu Animal Health Legislation

Example FMD

- emergency vaccination shall take into account the presence of farm animal genetic resources on the premises
- specific provisions for farm animal resources that have been listed by the competent authority as “breeding nucleus of animals indispensable for the survival of the breed” may be adopted by the Commission to allow a derogation from the prohibition of dispatch of vaccinated animals to other Member States

The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.



SWISSLOS
Kanton St.Gallen



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Eu Animal Health Legislation

“Common” rules for the main diseases

It is essential - but not always spelled out - that:

- “agreed establishments of nucleus herds” (FMD)
- “officially registered rare breeds of poultry or other captive birds” (AI)

The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.



Eu Animal Health Legislation

- premises keeping rare animal breeds (CSF, ASF): They need to be identified and listed by the Member States before an outbreak
- the list of premises must be included in the disease contingency plans
- this requires a close co-operation between keepers and authorities

The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.



Eu Animal Health Legislation

“Common” rules for the main diseases

- proper traceability of animal movements must be ensured; in case of ruminants by individual identification
- stringent biosecurity rules must be applied and restrictions on movements strictly followed, so that specific provisions for rare breeds including a possible derogation from killing in the event of a disease outbreak “do not endanger disease control”.

The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.



National Action Plan example Great Britain

History of Defra National Standing Committee for Farm Animal Genetic Resources

- “meetings of interested parties” about farm animal genetic resources starting in 1995
- December 2001 – Consultative Committee to prepare UK submission to FAO “State of the World’s Animal Genetic Resources”
- National Steering Committee to prepare an Action Plan for Farm Animal Genetic Resources which was published in November 2006

©EnchantedLearning.com

The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.



SWISSLOS
Kanton St.Gallen



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra



www.elbarn.net

National Action Plan example Great Britain

History of Defra National Standing Committee for Farm Animal Genetic Resources

- “meetings of interested parties” about farm animal genetic resources starting in 1995
- December 2001 – Consultative Committee to prepare UK submission to FAO “State of the World’s Animal Genetic Resources”
- National Steering Committee to prepare an Action Plan for Farm Animal Genetic Resources which was published in November 2006



The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.



SWISSLOS
Kanton St.Gallen



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra



www.elbarn.net

National Action Plan example Great Britain

National Action Plan – recommended actions (n=38)

<http://www.defra.gov.uk/farm/livestock/strategy/genetic-res/pdf/fangr-actionplan.pdf>

- A set of actions towards identifying & monitoring UK native breeds, their breed structures, and risks to their genetic composition. Includes recommendations for phenotypic and molecular-genetic characterisation.
- Recommended action no. 13 – seeks to define “a breeding nucleus essential to the survival of the breed” and to identify “breeds at risk as a result of geographical concentration”.

The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.



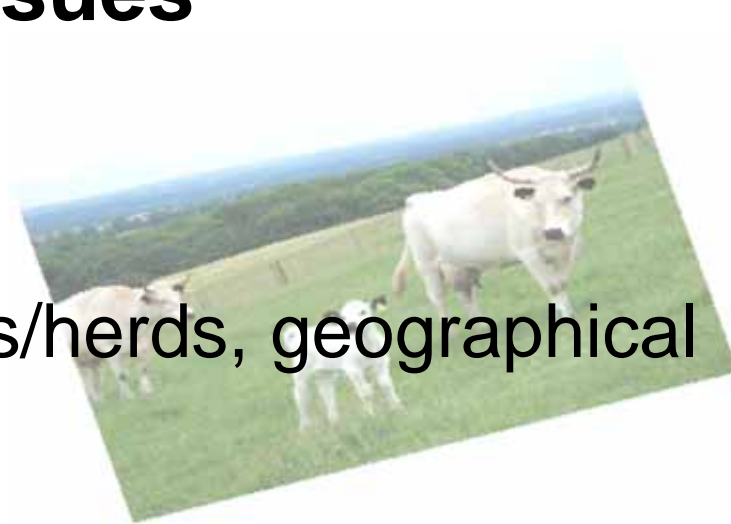
SWISSLOS
Kanton St.Gallen



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

National Action Plan example United Kingdom

Current issues



- Priority lists, nucleus flocks/herds, geographical concentration
- Breeds At Risk Register
- National Scrapie Plan Sheep semen Archive
- Bluetongue virus (BTV)
- Agri-environment schemes and native breeds

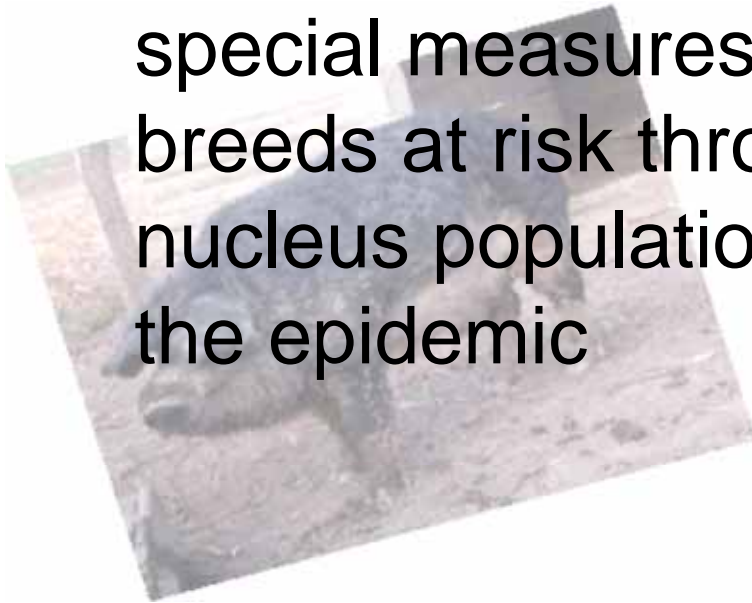
The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.



National Action Plan example Great Britain

Breed at Risk Register

- FMD Directive 2003/85/EC provides for special measures for the protection of breeds at risk through the protection of nucleus populations identified ahead of the epidemic



The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.





www.elbarn.net

National Action Plan example Great Britain

Breed at Risk Register

- In the event of an outbreak – if responsible officer is required to cull a flock/herd that appears in the official register the officer may at his/her discretion place the nucleus in a strict quarantine rather than cull it

The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.



SWISSLOS
Kanton St.Gallen



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra



www.elbarn.net

National Action Plan example Great Britain

Breed at Risk Register

- A standardised list of breeds at risk is agreed for FMD but several other lists also exist for other purposes

The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.



SWISSLOS
Kanton St.Gallen

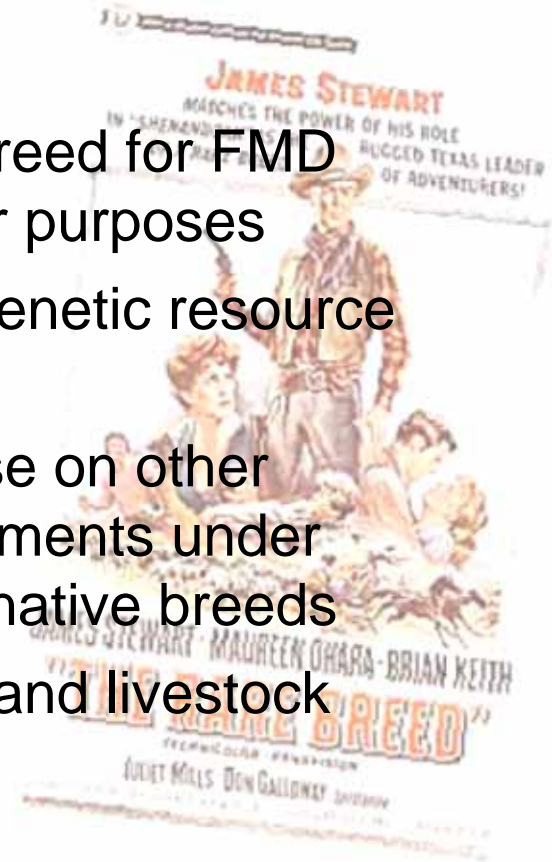


Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

National Action Plan example Great Britain

Conclusion

- A standardised list of breeds at risk is agreed for FMD but several other lists also exist for other purposes
- Government resources for farm animal genetic resource conservation are very limited
- Opportunities are being taken to capitalise on other initiatives (agri-environment, UK commitments under Convention on Biodiversity) to promote native breeds
- Defra working in partnership with NGOs and livestock charities when possible



The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.





**From the ELBARN team:
EURONATUR, SAVE, GEH, RARE, SLE
Thank you for your attention!**



The ELBARN project is a three year project supported by the European Union under the work programme of EC 870/2004 and co-financed by the Swiss government.



SWISSLOS
Kanton St.Gallen



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra