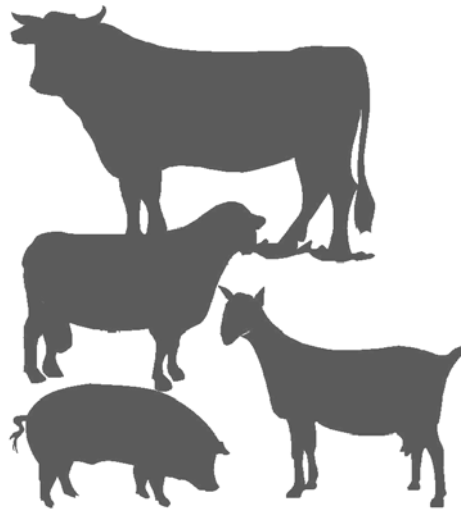


# ERA-NET EMIDA



## WP3

Stefan Lampel, Project Management Jülich, Germany

## WP3 Objectives

- Develop procedures for common calls
- Test & evaluate suitable instruments for transnational funding

Ultimate goal:

Deliver sustainable tools for common calls to be used by the CWG beyond EMIDA ERA-NET



## WP3 Timeline: 2010

Task 3.4 (Month 15-22): Implementation of the calls

DL 3.4.: A set of proposals is recommended for funding (Month 22)

National Funding Decisions & Contract negotiations

M 3.2: Mutual start of selected projects

Task 3.5 (Month 27-31) Lessons Learnt (Collaboration with WP4)

DL 3.5.: Report of "Lessons-Learnt" on the evaluation of instruments, mechanisms and processes tested

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
3.4												
M 3.2												
3.5												

## Activities so far I

- Since January 2008: collected example questionnaires / call procedures from other ERA-NETS (SUSPRISE, ERA-PG, PathoGenoMics, ERASysBio, EuroTransBio, ERA-IB) ✓
- April: In collaboration with WP2, devised draft questionnaire as part of their „Questionnaire on funding mechanisms of National Research Programmes“  
DL 3.1.: Catalog of relevant questions addressing the national funding regulations (Month 2) ✓

## Activities so far II

- August 2008: „Joint Questionnaire WP2 & WP3 was sent out. ✓
- September 2008 Deadline to answer and resubmit the Questionnaire. ✓
- First Evaluation of the Questionnaire. ✓
- Evaluation of Questionnaire with focus on call topics. ✓

# Questionnaire: General interest

- General interest in the call?

**YES** for 22 out of 23 respondents

## Call topics:

### **Procedure (So far and proposed):**

**Collection of a list of potential topics of interest from all partners.**

**“Call Topic Matrix”**

**Identification of “Most prevalent topics”**

**Discussion of potential call topics and grouping**

Proposal to the EMIDA plenary.

Agreement to a group of topics

# Proposed Call topics (by partners and thematically)

---

Heopatitis E virus (HEV)

Cryptosporidia

Paratuberculosis

Diagnostic of paratuberculosis

The ecology of Avian Influenza and PMV-1 in Europe

Avian influenza

Blue tongue  
**Bluetongue**  
Bluetongue  
Blue tongue disease

Brucellosis control in small and large ruminants

Diagnostic of brucellosis

Control programs for rabies

exotic disease

Combat endemic and exotic diseases within the EU border

Interactions between host and pathogen in animal diseases

Infectious factorial diseases (e.g. respiratory, gastro-intestinal; esp. interaction of several pathogens in the host, effect of environmental conditions)

Infectious diseases in small ruminants (incl prions)

Parasitology, specially salmon lice  
Production and environmental diseases in farmed fish  
**Aquaculture**  
disease of marine culture species

oysters juvenile diseases

Vaccinations against virus diseases in farmed fish

Infectious diseases transmitting between wild stock and aqua cultured stock

New and emerging diseases  
emerging diseases  
**Emerging diseases / climate change**  
Emerging animal diseases  
Emerging diseases (climate change)  
Impact of climate change on animal welfare and health status

Climate change and disease risks

Emerging Viral diseases

Risk assessments for emerging diseases with respect to climate change

Emerging diseases in perspective of climate change

Preventive measures against the incursion of vectors  
Improved knowledge of vector biology (blue tongue, west Nile, African horse sickness, Crimean-Conge Haemorrhagic fever)  
**Vector-borne Diseases**  
The ecology of vector borne viruses in Europe (blue tongue, West Nile fever)  
Vector-transmitted diseases (esp. control of vectors, interaction vector-host-pathogen)

Vector borne diseases

Vector-borne Diseases

Vector borne diseases

Risk factors for the spread of diseases in modern animal production systems  
Multidisciplinary research in ecology of animal health : population approaches, epidemiology, environment  
Wildlife-livestock interface in animal health  
Risk analyses for emerging diseases and zoonoses (which diseases can enter Europe, for which diseases should we prepare)  
Control programs on diseases that can spread from wild animals to domesticated animals  
Integration of genetic, epidemiological and population dynamic studies

Modelling of outbreaks of animal diseases and zoonoses with various control strategies taking into account new technological methods

Epidemiology

Epidemiological modelling, risk analysis

risk assessment/ scientific communication

Epidemiology and risk analysis

**Epidemiology / risk assessment**

Development and improvement of models for the spread of major infectious diseases by wind, vectors, trade, food/feed etc

The role of wildlife in the spread of diseases and as reservoirs for endemic and exotic diseases

Epidemiology and modelling (disease spread)

New technologies in continuous control of animal health status  
genetic methods for diagnostics  
New/improved diagnostic tools  
**Diagnostics**  
Point of care diagnostics

Diagnostic tools

comparative and basic immunology of production animals, host responses animal genomics

Adopting a systems approach to disease studies

Novel vaccines for exotic pathogens (swine fever)  
Immunology/ contamination  
Vaccines  
Integrated control measures (esp. marker vaccines, diagnostics of resistance, target development)  
Development of a vaccine against Rift Valley Fever

Development of a vaccine against African Swine fever

Genetics of infection / resistance

**Prevention**

Major genes for disease resistance in farm animals and fishes

New/improved vaccines including DIVA concept (FMD, Swine fever, blue tongue, VHS, west Nile).

early warning systems for emerging diseases  
Monitoring and Surveillance instruments  
**Monitoring / Surveillance**  
Effectiveness and efficiency of animal health control systems

risk-based approaches for surveillance programmes to increase cost – benefit ratio

integrated control of infectious diseases for sustainable agriculture and development : innovation, application and economy

Zoonosis Zoonoses  
**Zoonoses**  
Zoonoses  
interface human-animal health

Collaboration with countries that have the diseases endemically, to gain knowledge of the nature and spread, and to collaborate on technology transfer etc

Alternatives for antibiotic treatment

Methods of raising awareness of diseases and investigation of their efficacy

Minor species

Virulence of specific pathogens of animals

Clear guidelines and criteria for validation and accreditation of BSL 3 and 4 facilities

Impact studies of intervention strategies on rural economy

## NMG proposal for legal issues:

### **Publishing the call:**

- The NMG is in favour to have a mutual announcement of the call by a common document, the call „Announcement“.
  - The call Announcement will contain all the essential features of the common call in order to promote it (technical details of the call will be defined in a „guidelines for applicants“).
  - In parallel the partners publish national call documents according to their national rules referring to the EMIDA „Announcement“.
- ➡ No common „call document“ is needed which would need to be agreed by all partners, translated, signed etc..

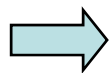
# Further NMG-discussions on the format of the upcoming EMIDA call

## **Submission & evaluation procedure:**

- The NMG is in favour to have a two step submission procedure for the common call („Pre-Proposal“ and „Full-Proposal“).
- The NMG is in favour to have a central submission procedure for the project proposals (located either at DEFRA or PTJ-Juelich).
- The NMG proposes to have an evaluation by an expert group with an evaluation meeting in order to prepare the EMIDA funding recommendation.

# NMG-Meeting WP 3: provisional Timeline (following the contract)

- ~ **June:** Announcement of the call
- ~ **September/October** Call is open
- ~ **End October** Deadline for submission of preproposals
- ~ **November-December** Eligibility check of pre-proposals
- ~ **Before Christmas** Information to applicants about eligibility
- ~ **January- February** submission of full proposals
- ~ **March-May** Evaluation & Expert panel Meeting
- ~ **May-June** Natl. funding decisions, contract neg. etc.



**Project start after Summer Break 2010**

# NMG-Meeting WP 3: Next steps

- Ask via e-mail for the interest of the funders for the individual sub-calls.
- Collect the answers.
- Specification of the sub-calls under the agreed framework.
- Establish the procedures, provide necessary documents.

Thank you!

