



European Animal Health & Welfare Research

COLLABORATIVE WORKING GROUP

Coordination of research on
animal health and welfare
under the ERA-NET scheme –
EMIDA to ANIHWA



Overview

EMIDA

Research calls

ANIHWA

SCAR Collaborative Working Group

Need for coordination in Animal Health research

- Common problems - animal diseases are the biggest threat to livestock production.
 - Exotic diseases
 - Evolving/re-emerging pathogens
- Legislation relating to animal welfare and disease control is largely enacted at the EU level requiring a common evidence base.
- Animal research is expensive

Research Funding in Europe

- Regional and national funding bodies
- Charities and private non-profit foundations
- Pharmaceutical and Biotechnology industries
- Livestock industries
- European Commission (~7%)

(All these funding bodies have their own agendas/priorities that are set independently of each other)

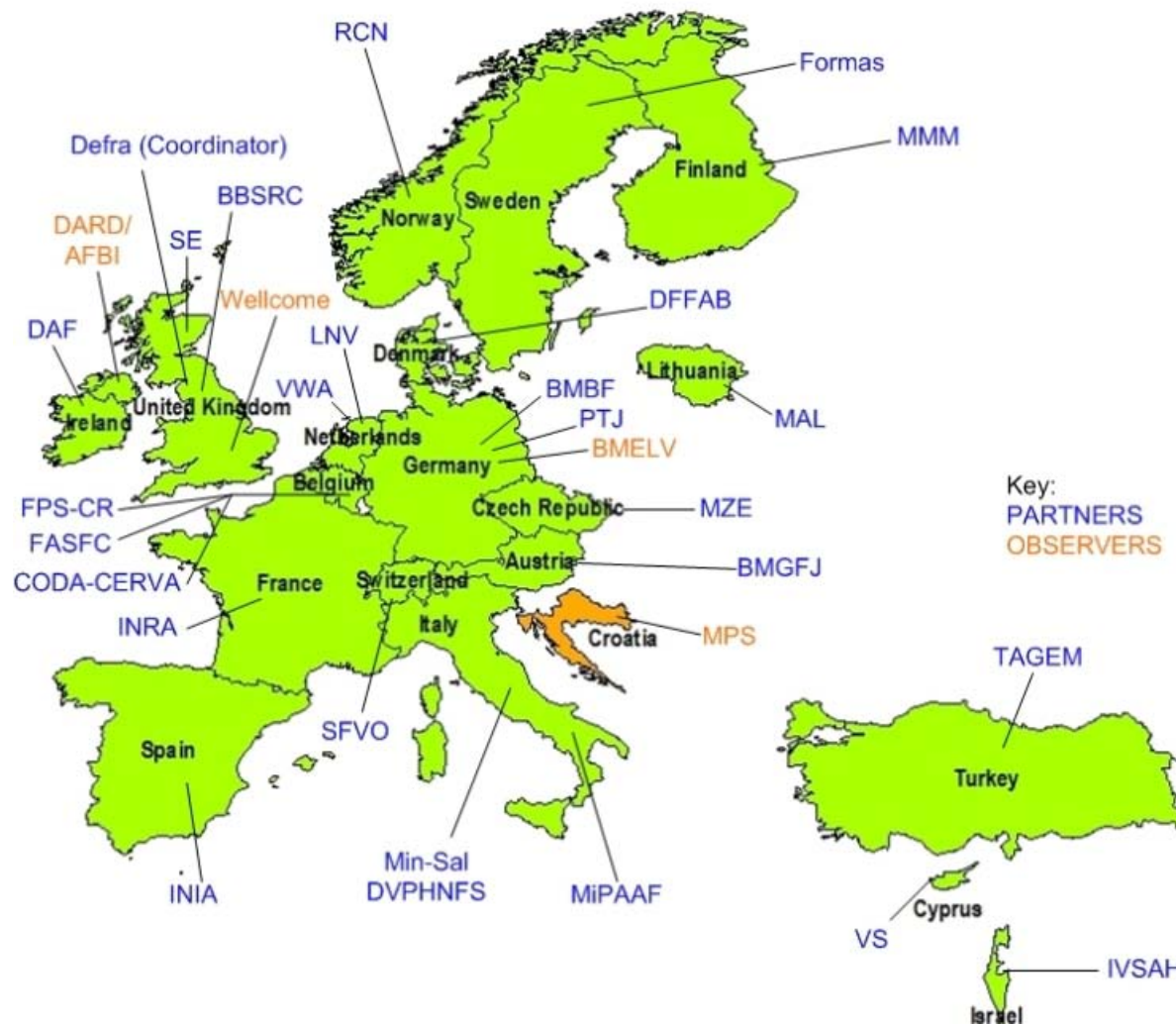
Aims of EMIDA

The overall aim of the Animal Health ERA-NET is to build on and accelerate the work of the SCAR CWG in **developing a durable focused network of national research funders in Member and Associated States of the EU for the purpose of sharing information, coordinating activities and working towards a common research agenda and mutual research funding activities** in the field of animal health.

EMIDA

- 29 partners in 19 countries and four associated partners
- Combined research budget in the region of 270 million Euros

EMIDA Partners



EMIDA - Mapping Research Landscape

- Research Project database.
- Research Publications database
- Research Patents database
- Report on National Programmes

EMIDA - Two Common Call

- Total budget in the region on 20 million Euros for each call.
- Project consortia had to involve a minimum of three partners from three different countries.
- Two step submission procedure involving a pre-proposals and a full proposal.
- Proposals coming forward with support from industry or other non-EMIDA funding bodies were encouraged.

Response to Call 1

- Topic 1 Vectorborne diseases
14 pre-proposals & 7 full proposals – 2 selected
- Topic 2 Zoonoses and antimicrobial resistance
14 pre-proposals & 5 full proposals – 2 selected

Response to Call 1

- Topic 3 Major infectious diseases affecting production
39 pre-proposals & 26 full proposals – 7 selected
- Topic 4 Aquaculture
10 pre-proposals & 7 full proposals – 1 selected .

1st Common Call

77 Pre-proposals

45 Full proposals

12 Selected for funding

Total value of projects > €21.37 million (partners are contributing €15.25 million)

<http://www.emida-era.net/index.php?page=content&id=17>

Second Common Call

- A. Ecology and animal health – diseases transmitted by arthropods
- B. Ecology and animal health – wildlife reservoirs
- C. Zoonoses
- D. Antimicrobials and anthelmintics: resistance and alternatives for use
- E. Production diseases – disease susceptibility
- F. Production diseases – epidemiology, diagnostics and vaccination
- G. Diseases in aquaculture
- H. Epizootic diseases

Second Common Call

- 98 Pre-proposals received (involving ~600 researchers and a budget of €150 million).
- 89 Invited to submit full proposals
- 83 Full proposals submitted
- 14 Projects selected for funding

EMIDA Partners

• Ministries of Agriculture	14 (16)
• Ministries of Health/Public Health	5
• Ministries of Education/Research	
Councils	5
• Ministry of Agr and Research Council	
Agencies	2
• Ministries of Agr. and Health Agencies	1
• Others	2 (2)

EMIDA Strategic trans-national animal health research agenda

- Foresight review
- Delphi Study
- Consultation workshop (STRAW)
- WP 2 mapping
- ETPGAH and DISCONTTOOLS
- SRA Workshop

SRA Priority Research Areas

- Surveillance systems & Risk analysis
- Control measures and biosecurity
- Vector-borne diseases and health effects of ecosystem changes
- Host-pathogen interaction
- Vaccines
- Antimicrobial resistance
- zoonoses

ANIHWA

The new ERA-Net will aim at building on the activities/achievements of EMIDA with regard to animal health as well as extending activities to address animal welfare research issues.

Led by INRA

ANIHWA

“Animal Health and Welfare”

48 Months

30 Partners from 19 countries

ANIHWA Work Packages

1. Project coordination, management, communication and dissemination
2. Mapping and analysis of existing national research infrastructures and programmes
3. Gap analysis and common research framework development in animal health and welfare
4. Joint transnational research calls
5. Sustainability including Funding Structures and Policy development

Sustainability including Funding Structures and Policy Development

- To develop a stand-alone sustainable structure (SCAR Collaborative Working Group) to take forward the procedures developed in EMIDA and ANIHWA
- To facilitate knowledge transfer, through the dissemination of information on animal health and welfare arising out of projects funded through EMIDA and ANIHWA, and to monitor the impact of the joint activities and its research outputs.

Sustainability including Funding Structures and Policy Development

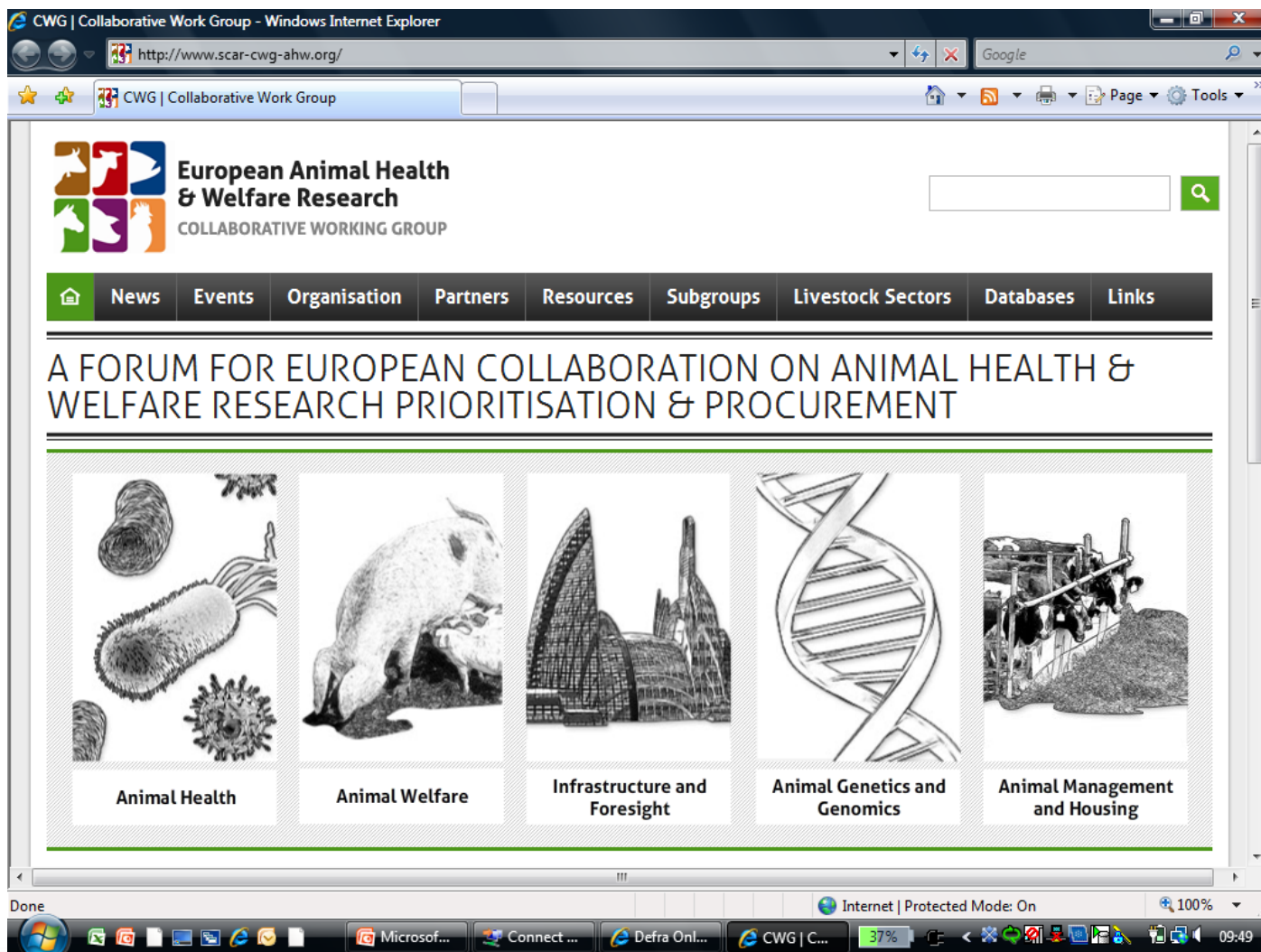
- To sustain the development of a long-term Strategic Research Agenda covering health and welfare.
- To identify synergies and the potential for coordination between funding activities of European national funding bodies and the EU and funding bodies outside Europe and achieve common strategies on priority issues.

Sustainability including Funding Structures and Policy Development

- To expedite the development of structures for the coordination of livestock industry sector funding of research with the objective to facilitate the development of collaborative funding with livestock industry.

Goal of SCAR Collaborative Working Group on AH&W Research

To provide a forum leading to improved collaboration on research prioritisation and procurement, creating the necessary critical mass and focus to deliver the animal health and welfare research needs of our policy makers and the European livestock industry.



Livestock Sectors

- Cattle
- Pigs
- Poultry
- Small ruminants
- Aquatic Animals
- Bees

CWG Website

- Public Area
 - News, Events, Links
- Members Area
 - Discussion Forum, File sharing, Calendar with meeting Planner, On line messaging
- ? Industry Sector Groups

Industry Coordination

Development and Knowledge Transfer in the European Cattle Industry Conference – (23rd March 2011)

- Presentations relating to
Nordic countries, Germany, Great Britain,
France, Northern Ireland, Southern Ireland
and The Netherlands



Development and Knowledge Transfer in the European Cattle Industry Conference

Other presentations

- EMIDA ERA-Net
- Towards Integrated, pan-European programming of scientific and applied research to the benefit of the European farmers while contributing to the EU2020 goals - Klaas Johan Osinga, COPA-COGECA
- FABRE-TP – Marjolein Neuteboom

Development and Knowledge Transfer in the European Cattle Industry – Next Step

Promoting coordination and cooperation of industry-funded research and technology transfer on cattle – a possible topic for a Coordination and Support Action?

<http://www.scar-cwg-ahw.org/>
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Thank you