

# European Technology Platform for Global Animal Health (ETPGAH)

FP 7 Co-operation Event, Bucharest



January 25th, 2007  
Declan O'Brien, Chairman, ETPGAH

## The Stakeholders of the ETPGAH

- ▶ **European Associations relevant to Animal Health and Welfare and Food Safety:**  
IFAH-Europe, COPA-COGECA (farming industry), EuropaBio, Diagnostics, FVE (Veterinarians), Eurogroup Animal Welfare
- ▶ **International organizations relevant to Animal Health and Welfare and Food Research Organizations**  
e.g. OIE, FAO, WHO, ILRI, GALV
- ▶ **European Regulatory Authorities**  
Heads of Medicines Agencies, EMEA, EDQM
- ▶ **Representatives from the European Research Community**  
Universities, Institutes, Network of Reference Laboratories
- ▶ **Member State Representations**  
CVOs
- ▶ **European Institutions**
  - ▶ EFSA, European Commission (DG Research, DG SANCO, DG Development, DG Enterprise)

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## Deliverables - 1

1. Protect Europe from the incursion of epidemic animal diseases and zoonoses eg. Avian Influenza, Bluetongue
2. Deal rapidly and effectively with disease outbreaks in Europe should they occur.
3. Facilitate world trade and the alleviation of poverty by reducing the impact of these diseases in developing countries.
4. Reduce worldwide levels of disease and thereby indirectly protect Europe from disease spread by people or trade.
5. Bring more focus into research towards new tools for dealing with animal diseases.

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## Deliverables - 2

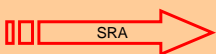
6. Increase the translation of technology into actual products.
7. Bring the developed tools faster to the market.
8. Ensure the legal and regulatory process is optimised to avoid unnecessary hurdles which limit disease control options and decrease the competitiveness of the industry.
9. Enable disease control authorities both within the EU and other countries to provide a swift and efficient reaction to new disease outbreaks.
10. Streamline research, development and regulatory efforts in order to ensure consumer safety without compromising the efficiency of product development.
11. View projects in the context of feasibility, applicability, need and availability of existing products within the time frame of the Strategic Research Agenda (SRA).

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## Developing the SRA – 6 Themes Emerged

- ⬆ Strategically important issues
- ⬆ High societal relevance
- ⬆ Linked to Europe's future growth, competitiveness, and sustainability
- ⬆ Dependant upon major research and technological advances
- ⬆ Medium to long-term scope
- ⬆ Important consequences for animal health research
- ⬆ Aligned with other Community policies and strategies
- ⬆ Significance for developing world



Finalized and submitted to the EU Commission in May 2006

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## Themes 1,2 & 3

- **Disease Prioritisation - Theme 1**
  - Can we develop a model for disease prioritisation including consideration of emerging diseases eg. Bluetongue
- **Gap Analysis – Theme 2**
  - What are the gaps that need to be filled for priority diseases?
  - Vaccine, Diagnostic, New Pharmaceutical?
- **Fundamental Research - Theme 3**
  - Do we have the necessary disciplines to tackle current and future disease threats?

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## Themes 4,5 & 6

- Enabling Factors – Theme 4
  - What limits research ideas becoming products?
- Regulatory Issues – Theme 5
  - Can we enhance the regulatory process?
- Global Perspective – Theme 6
  - Can we optimise the Global effort & address the Global disease load?

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## Theme 1 - Disease Prioritisation

- Create a risk based disease prioritisation model
- Socio-economic, public health criteria eg. economic, zoonotic, infectious, trade, welfare, wildlife, emerging, naïve, food safety, ecological, perception, clinical severity, etc.
- Model to address emerging diseases eg. Bluetongue
- Target funding to priority diseases
- Develop surveillance methodology

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## Theme 2 – Gap Analysis

- What gaps exist in our ability to control each priority disease? eg. surveillance, diagnosis, vaccination, treatment, etc.
- Develop a model to capture this information
- Target research on Gaps in Priority diseases
- What new technologies can we use?
- Map Global research & product availability & build a database
- For Minor Use & Minor Species (MUMS) products, identify priorities where little effort will yield results

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## Theme 3 – Fundamental Research

- Map current capacity & expertise to highlight any weaknesses
- Develop science & education programmes to ensure we have the relevant expertise into the future
- Support fundamental sciences that are critical to the future development of product solutions
- Strengthen collaboration & develop a European Centre for Epidemiology & Infectious Diseases

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## Theme 4 - Enabling factors

- Appropriate Laboratory Standards eg. GLP, ISO, etc.
- Quality Management & Standards in research proposal
- Stimulate education on importance of Patents & bringing projects to the Proof of Concept stage
- Funding to include possibilities to obtain advice on and register Patents
- Ensure Licensing agreements are considered

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## Theme 4 - Enabling factors (contd)

- Develop System to identify Innovation & enhance transfer to Industry
- Review benefits of Networks & Centres of Excellence in terms of enhancing technology transfer
- Ensure relevant Stakeholders are involved in Networks & Centres of Excellence
- Foster mobility between Academia & Industry
- Map & Ensure that we have the necessary Infrastructure eg. facilities to work with hazardous diseases
- Develop Guidelines for handling Hazardous Diseases

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## Theme 5 – Regulatory Issues

- Drivers – human v veterinary differences
- Guidelines & Monographs – review to optimise appropriateness
- Define Risk:Benefit Criteria
- Explore alternatives to Animal Testing
- Explore the issues that would enhance the Harmonisation of the regulatory approach
- Review the Data required to License a Medicine



## Theme 5 – Regulatory Issues (contd)

- Diagnostics – what regulatory framework?
- Research the factors that influence Societal Acceptance of new technology
- Develop a Risk Communication Strategy
- Ensure co-ordination with the Community Animal Health Policy



## Theme 6 – Global Perspectives

- Joint Research Programmes especially on non EU diseases
- Sustainable support for Research via International co-operation
- Capacity building via Research and Development
- Collaborative Research Centres



## Future – Action Plan

- Complete by mid 2007
- Define Research Projects
- Define Information Gathering Initiatives
- Costs
- Timelines
- Who should carry out work
- Sources of funds

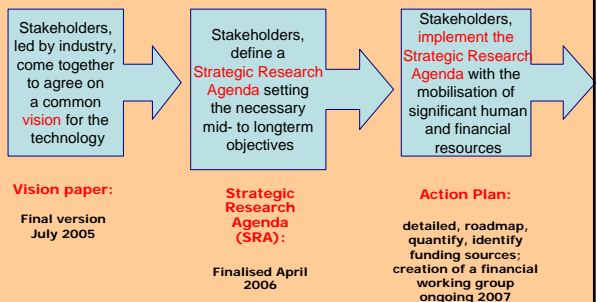


## Future – Mirror Groups

- Organise Mirror Groups in Member States
- Identify relevant contacts in each Member State
- Invite to discuss SRA & Action Plan
- Explore co-ordination of SRA priorities & Action Plan proposals with national research programmes



## Conclusion



## ETPGAH Contact Details

# Thank You!

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