International Research Networks in support of:

GLOBAL AGENDA FOR SUSTAINABLE LIVESTOCK

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The Animal Task Force (since 2011)

- A European Public-Private Platform (PPP): research, farmers & industries
- Promoting a sustainable and competitive animal production sector in Europe;
- By fostering knowledge development and innovation in Europe;
- Covering the whole animal production chain.
ATF members (2014)

Private sector (European Technology Platforms and Branch Organizations)
- EATiP (FEAP), EUFETEC (FEFAC), FABRE-TP (EFFAB), ETPGAH (IFAH-Europe)
- COPA-COGECA, UECBV, CEJA, CEMA, FVE, EVERI, EDA, FEFANA

Leading European Research Organizations
- Aarhus University, CERTH-HELLAS, EBRC, Italy, GEFETEC, IBNA, INIA, INRA, MTT,
- Polish Academy of Sciences, SLU, Teagasc, Germany, Wageningen UR.
What we do:

Arrange dialogue on sector innovation with key stakeholders in Europe. (EC, Members of Parliament, industry organisations, NGOs, scientific community)

Provide input for EU research agenda (Horizon2020, EIP-Agri, JPI FACCE, SCAR)

Enhance cooperation in European research & innovation

Enable knowledge exchange (workshops, events, website)
Our Big Shot: the ATF White Paper

Research & innovation for a sustainable livestock sector in Europe

Suggested priorities for support under Horizon 2020 to enhance innovation and sustainability in the animal production sector of Europe’s food supply chains.

An Animal Task Force white paper

April 2013
Healthy livestock and people

The microbiome, animal, and human health

Robust and efficient animals

Prevention, control, and eradication of disease

Precision livestock farming

Feed & food safety

Improving the use of residues in animal production

Nutritional quality of animal products

Efficient feed chains

Climate smart animal production

Improving protein and energy autonomy of the animal production sector

Productive grassland based systems

Assessing EU animal production systems

ATF White paper 2013
Efficient and robust animals

Feed Security I: Improving Biomass and Nutrient Utilization by Livestock

Feed security II: Alternative Feed Resources, non-competing with Human Food

Robust and Resilient Animal Production

Fortify animal disease prevention and control

The microbiome from an integrated One-Health management perspective

Vector borne diseases & European border epidemiology

Potential functional components improving animal food product quality

AgroEcosystems

Innovation

Knowledge exchange

Big Data: Phenotyping and Precision Livestock Farming (PLF)

More value out of marginal (grass)lands through livestock

In situ animal welfare performance indicators

Integrated Farming performance

Healthy livestock and people

Responsible livestock farming

ATF White paper Addendum 2014
Upcoming activities 2014:

ATF Seminar: Putting the İ in livestock
5 November, Brussels - Belgium
Follow up White Paper:

- **H2020**: Recommendations for Call 2016/17; specification, updating or renewal of priorities in the priority topics – 1st Addendum

- **European Innovation Partnerships**: suggestions for focus & operational groups)

- **SCAR/SAP**: agenda and consequent ERA-net
www.animaltaskforce.eu
“brings countries together to find ways to grow more food with lower emissions”

“by improving global cooperation in research”

“to support farmers, policies and other international organizations”
From Stocktake towards Support

- Stocktake & inventories
- Capability development
- Technical Information & Knowledge Hub
- Networks & databases
- Research collaboration
- Support policies, farmers & partners

Common understanding Concerted actions

resourcing the ambitions
Cooperation within the LRG
Livestock Research Networks

- Production
- Adaptation
- Mitigation
- C-sequestration

Livestock Research Group
Research Network Objectives

- Prioritize issues
- Identifying gaps in knowledge
- Avoid duplication in research
- Share information on funding activities
- Criteria for data sharing and analysis
- Common protocols for measurement
- Improve accuracy of data
- Analyse available data
- Standardise modelling assumptions
- Exchange scientists and students between partners
- Access to research equipment
Research Network Representation

• Examples:

  • Selection and Genomics Network
    • 370 active members
    • 10 members from Africa (Ethiopia, Kenya, South Africa)

  • Rumen Microbial Genomics Network
    • 250 active members
    • 24 members from Africa (Ethiopia, Kenya, Ghana, South Africa, Nigeria)
Research Network Activities

- Annual Meetings / Workshops
- Data Sharing
- Information Sharing
- Technical guidelines
- Joint Publications
- Collaborative Project Development
Advantages of being active in a Research Network

• For a scientist:
  • Access to information from numerous partners / countries
  • Faster development of new technologies
  • More modelling capacity
  • Allows to address large questions
  • New opportunities for funding

• For the Sector / Policy maker:
  • Better knowledge on strategies
  • Information on future areas of development
  • Opportunity of pooling resources
We are Connected

Closing the efficiency gap

Restoring value to grassland

Waste to worth