European Forum of Farm Animal Breeders

Director: Jan Venneman
What is EFFAB?

• Established as FAIP in 1995
• Transformed into EFFAB in 2004
• Active in breeding and reproduction
• Ruminants, pigs, poultry and aquaculture
• EFFAB = European (but many members are international)
• Members can be: cooperatives, private companies en national associations
EFFAB = European branch organisation for cooperatives, private companies & national associations in breeding and reproduction
EFFAB

Members (1)

= Headquarters
## Members (2)

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<th>Aquaculture</th>
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### Associated members
- MSD, Aumüller
Promoting the interest of the European breeding and reproduction sector
EFFAB Activities

- Patent Watch
- Brussels lobby
- Code-EFABAR
- EU Research Projects
Stimulating European Research Activities in Animal Breeding and Reproduction through:

FABRE TP
FABRE TP =

- European Technology Platform (ETP)
- Network of businesses (EFFAB), research organisations and universities (KI’s)

To provide more sustainable animals by stimulating development & uptake of better animal breeding and reproduction approaches.
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KI Members

- Universita Cattolica del Sacro Cuore
- Wageningen UR Livestock Research
- University of Evora
- University of Bologna
- Polytechnic University of Valencia
- Knowledge Transfer Network of innovate UK Network
- Scotlands Rural College
- Swedish University of Agricultural Sciences
- Nofima AS
- Norwegian University of Life Sciences
- Leibniz Institute for Farm Animal Biology
- Istituto Sperimentale Italiano “Lazzaro Spallanzani”
- Catholic University of Leuven
- Institut de Reserca I Tecnologia Agroalimentaries (IRTA)
- INRA animal genetics division
- Justus-Liebig University of Giessen
- University of Liège, Gembloux Agro-Bio Tech
- Institute of Farm Animal Genetics (FLI) Germany
- Centre For Research in Agricultural Genomics
- University of Natural Resources and Life Sciences, Vienna
- Athlone Institute of Technology
- Center for Quantitative Genetics and Genomics, Aarhus University
- National Agricultural Research and Innovation Centre (NARIC)
- The University of Göttingen
- Teagasc
- INIAV
FABRE TP Activities in 2015

• Revival meeting at Schiphol airport (06/03)
  • Mission statement
  • Internal Rules
  • Action Plan 2015
  • New Website, Newsletters
  • Lol
• Re-launch FABRE TP at EAAP in Warsaw
• Revive interest in FABRE TP from KI’s at EAAP and other meetings like PBRT
FABRE TP Activities in 2015

- WG Aqua with EATiP (input WP 2016-2017)
- Influencing WP 2016-2017 (together with ATF)
- Involved in Strategic Approach 2020 and beyond DG Agri
- Involved in FACCE JPI (SRA and IP)
- Involved in ATF activities
FABRE TP Activities in 2016

• Involved in Strategic Approach DG Agri
• Creating input for H2020 WP 2018 –2020
• Involved in Scoping Paper COM for WP 2018-2020
• Session at EAAP in Belfast (NBTs)
• Reviewing SRA 2011
• Involved in implementation actions FACCE JPI
• Involved in ATF actions
MISSION - AIMS

- Meeting point for professionals in genetics, genomics, breeding, reproduction
- Establishing SRI’s and IP’s
- Input EU and National Research Programmes
FABRE TP Research Priorities  
(Vision and Needs)  

• Growing world population  
• Growing consumption of animal protein (global)  
• Animal production influencing climate  
• Sufficient food  
• Nutritious food  
• Safe food  
• Healthy food  
• Climate smart food
Breeding and Reproduction can help to:

- Produce sufficient, nutritious, safe, healthy and climate smart food
- Improve resource efficiency
- Improve adaptation to climate change
- Mitigate climate change
- Improve disease resistance
- Reduce use of antimicrobials
- Improve animal welfare
- Safeguard genetic diversity
- Improve competitiveness of animal production sector
FABRE TP: Main Research Priorities

A. Precision Animal Breeding: Advanced methods for phenotypic data collection and tools to optimize current and future phenotypic expressions

B. Animal Genomics: Knowledge of function of the (epi)genome and methods to detect and utilise functional variation

C. New (Animal) Breeding and Reproduction Techniques: Knowledge and techniques to make responsible use of genetic superiority in animal populations
FABRE TP: Specific priority areas

1. Sufficient, nutritious, safe and healthy food
2. Improved resource efficiency
3. Improved adaptation to climate change
4. Mitigation of climate change
5. Improved disease resistance
6. Reduced use of antimicrobials and drugs
7. Improved animal welfare
8. Safeguarding genetic diversity
FABRE TP: Specific priority areas

Additional Priority Area:

Communication with Society
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