

European Forum of Farm Animal Breeders

EFFAB

Independent European forum
for farm animal reproduction and selection organisations

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



Pigs



Aquaculture



Poultry



Ruminants

Members (1)



Members (2)

Ruminants	Pigs	Poultry	Aquaculture
Alta	ANPS	Aviagen	Aquagen
AHDB		Cherry Valley	Benchmark B&G
ALLICE	CCSI	Cobb Europe	Marine Harvest
ASR	FGP	SYSAAF	
Cogent	Groupe Grimaud		
CONAFE	Hendrix Genetics		
CRV	SEGES	Lohmann Tierzucht	
FBF			
FEAGAS			
Geno	Topigs Norsvin		
Genus			
ICBF			
Viking Genetics			
Associated members			
MSD, Aumüller			

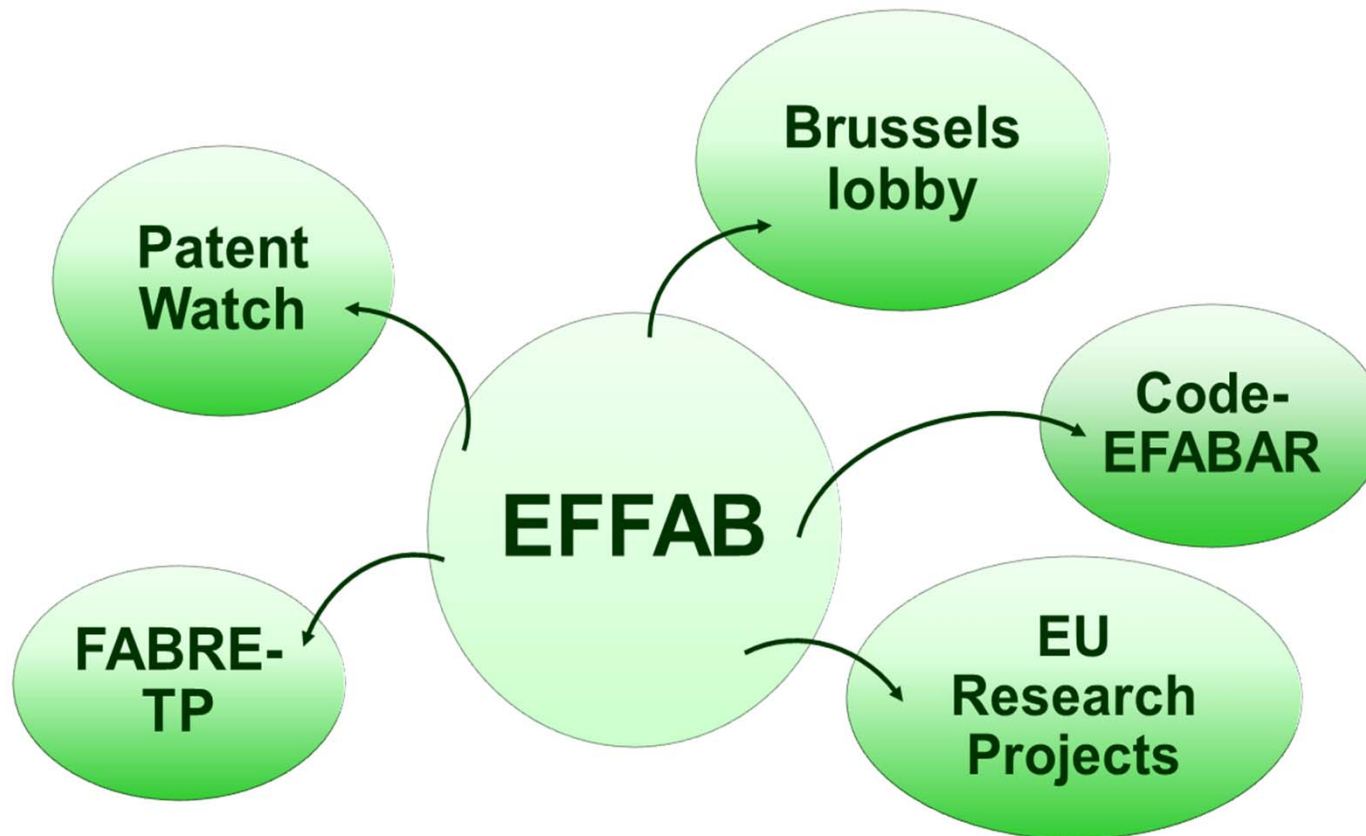
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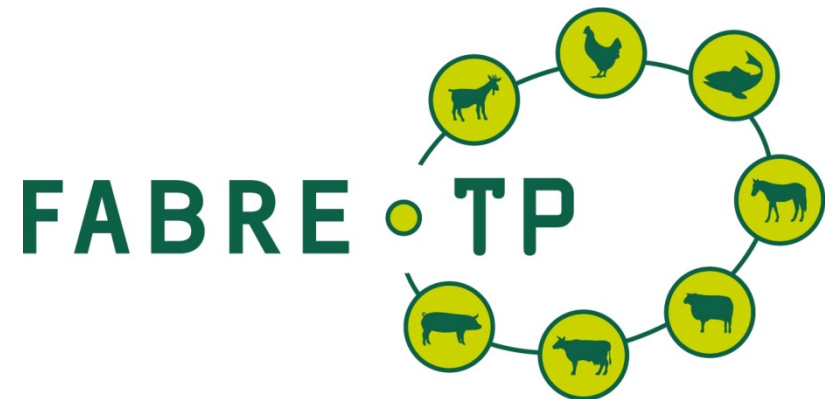
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***Promoting the interest of the
European breeding and
reproduction sector***

EFFAB Activities



Stimulating European Research Activities
in Animal Breeding and Reproduction
through:





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.





EFFAB Members

- Cogent Breeding Ltd
- ASR
- FEAGAS
- Aviagen
- Conafe
- Genus
- MSD Animal Health
- AHDB
Benchmark Group
- CRV
- Groupe Grimaud
- Global G.A.P Dr. Roland
Aumüller
- Alice
- CCSI
- Hendrix Genetics
- Cherry Valley
- FBF
- ICBF
- Sysaaf
- Lohmann Tierzucht
- ANPS
- COBB
- France Génétique Porc
- Marine Harvest
- Topigs Norsvin
- Aquagen
- Geno
- Viking genetics
- SEGES
- Alta



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

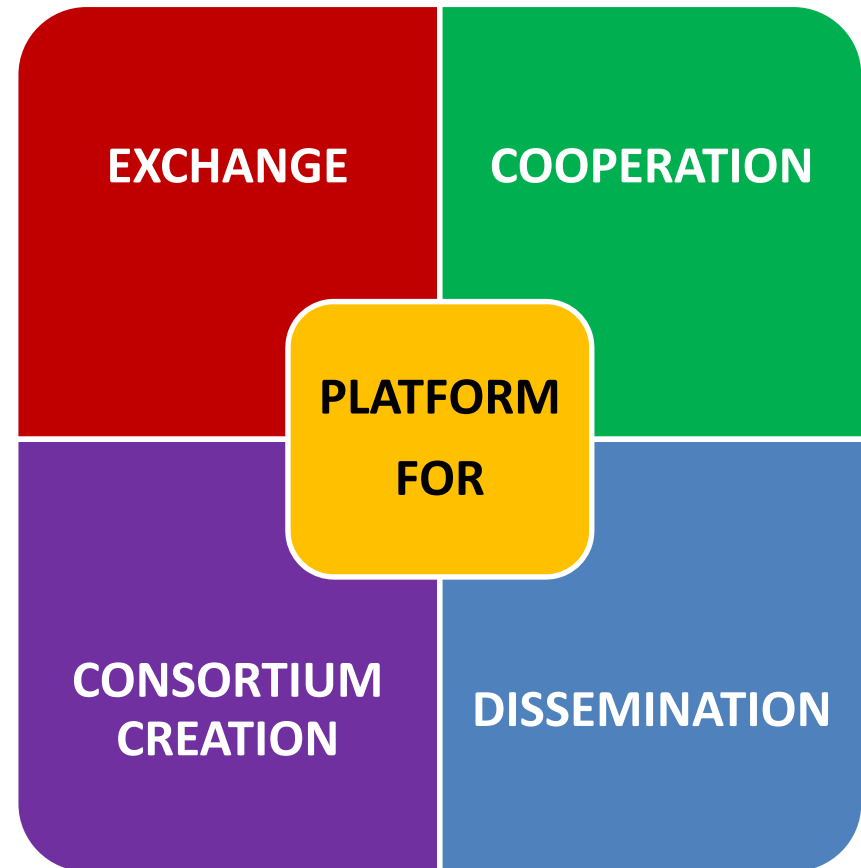


FABRE TP Activities in 2016

- 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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EFFAB/FABRE TP

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