

Farm Animal Breeding

and Reproduction

Technology Platform



*Driving innovation  
in Animal Breeding  
and Reproduction to  
benefit current and  
future generations*



Officially  
recognised  
by the EC

# Europe and animal breeding and reproduction



European farming and food production faces many challenges which animal breeding can significantly contribute to solving. The animal breeding and reproduction sector provides animals and develops tools to enable producers to improve food security, whilst reducing environmental impacts in both an economically and socially acceptable manner.

The animal breeding and reproduction sector has a large economic impact. Investments in animal breeding and reproduction not only contribute to the sector itself but also benefit animal farming, which has a value of €16.8 billion per annum (for the EU economy). The sector provides added value to the production of animal protein of approximately €2 billion annually. Genetic improvements are both permanent and cumulative, year on year.

Technologies and their implementation are the basis of innovations in animal breeding and reproduction. Although animal breeding and reproduction have a long history, development of the industry as recognised today started with the widespread use of new reproductive techniques and selection methods in the mid 1900's. Since that time, the sector has become a knowledge intensive, highly competitive sector with a good record of innovation. The introduction of genomic selection was

a revolution for the sector and the full potential has not yet been achieved. Further advancements in existing and unexplored technologies are needed to tackle the societal challenges now and in the future.

## **Farm animal breeding and reproduction contributes to**

### *Global responsibility and competitiveness*

- Assure global food security and sustainability of livestock production systems
- Reduce the environmental impact
- Address societal demands
- Strengthen European competitiveness
- Develop responsible ownership and protection of new innovations

### *Social responsibility*

- Produce safe animal products
- Enhance product quality and consistency
- Improve animal health and welfare
- Achieve a balanced and transparent regulatory framework
- Maintain genetic diversity, respecting different cultural and regional needs
- Improve public understanding of the potential benefits from new technologies

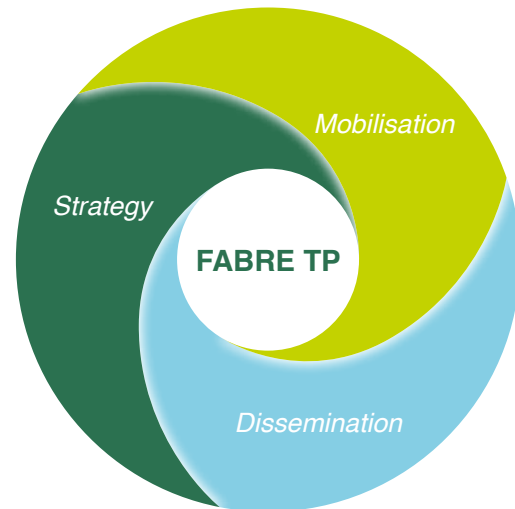
The Farm Animal Breeding and Reproduction Technology Platform (FABRE TP) is an industry-led forum. It provides a framework for stakeholders to define research priorities and action plans for the farm animal breeding and reproduction sector in order to achieve EU growth, competitiveness and sustainability through major research and technological advances in the medium to long term.

# What we do



FABRE TP is the meeting point for professionals from the industry, knowledge institutes and funding organisations in the field of animal genetics, genomics, breeding and reproduction. The functions of the platform:

1. *Strategy function*: develops research and innovation strategies and provides a coherent business-focussed analysis of bottlenecks and opportunities related to societal challenges and industrial leadership
2. *Mobilising function*: mobilises industry and other stakeholders within the EU to work in partnership and deliver on agreed priorities
3. *Dissemination function*: encourages sharing information and enabling knowledge transfer to and between a wide range of stakeholders across the EU



# Why join FABRE TP?



- Influence the setting of research and innovation priorities
- Participate in the definition of the European animal breeding and reproduction R&D strategy
- Share your ideas about the evolution of animal breeding and reproduction technologies
- Pool your actions with those of the other members
- Increase the visibility and the voice of your organization

# Network of:



For the most recent overview of members: [www.fabretp.eu](http://www.fabretp.eu)

Contact us! For information and applications, please visit [www.fabretp.eu](http://www.fabretp.eu) or email to [info@fabretp.eu](mailto:info@fabretp.eu)