

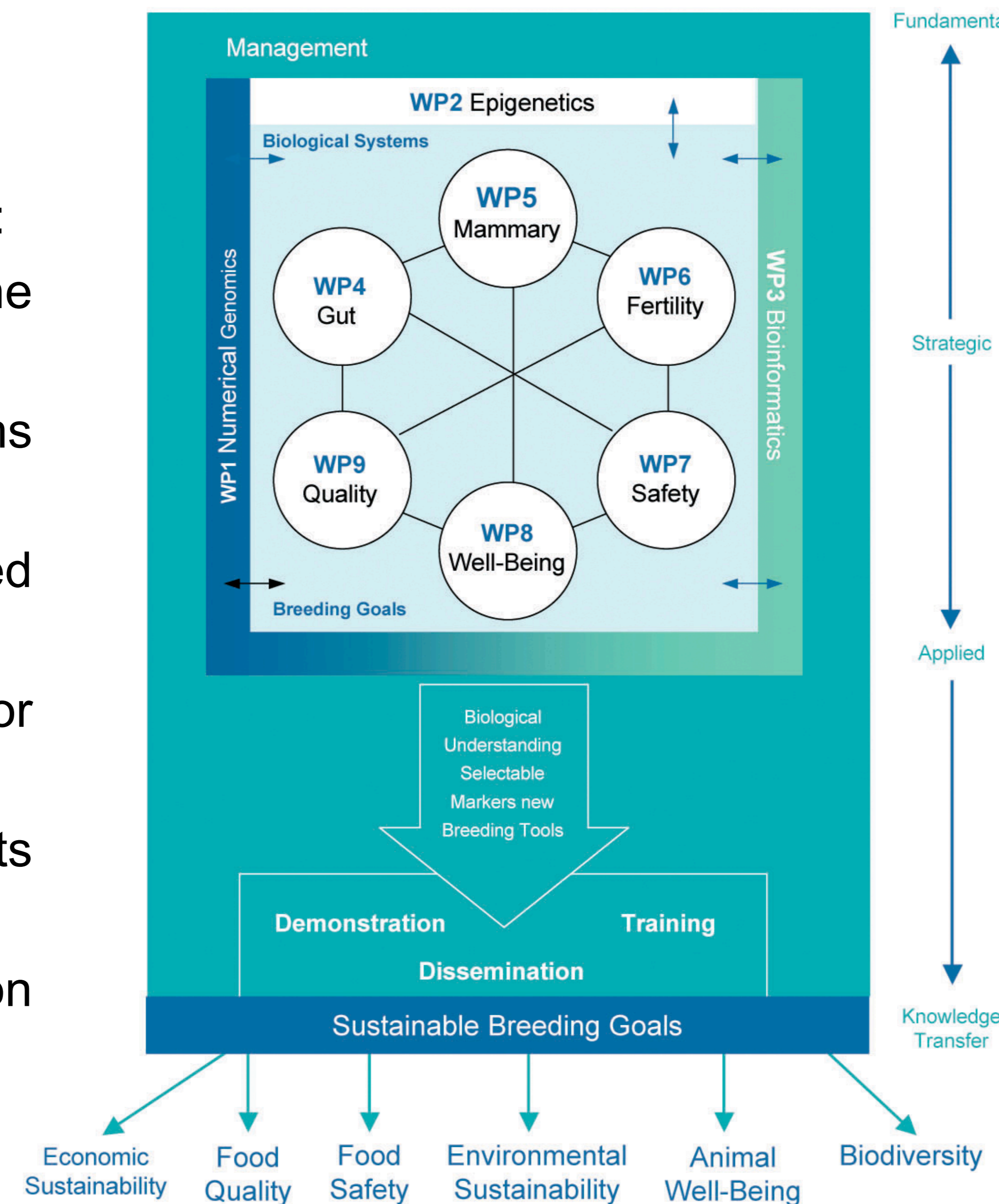


**SABRE** “Cutting Edge Genomics for Sustainable Animal Breeding” is an innovative four-year pan-European Integrated Project, funded by an EU grant under FP6 (Food Quality and Safety). The Project utilises the latest techniques in genetic science to develop more economically and environmentally sustainable production systems for cattle, pigs and chickens. The project is designed to provide a range of new breeding strategies to improve animal health and welfare; reduce chemical and energy inputs; minimise livestock waste and pollution; and, maximise food safety and quality.

## Key Objectives

Based on the EC’s priorities for Food Quality & Safety:

- To provide fundamental knowledge on the genomics and epigenetics relating to livestock
- To provide understanding of biological systems central to sustainability
- To identify genes and markers allowing focused breeding for sustainability goals
- To demonstrate the effectiveness of genomics for sustainable breeding
- To disseminate existing knowledge and new results to the user community
- To develop skills and training to best capitalise on new genomics knowledge



## Key Facts and Figures

- SABRE is a 4-Year EU FP6 Integrated Project
- Duration: 1 April 2006 – 31 March 2010
- Over 200 person-years of research and 200 scientists
- 33 Research and industrial partners from 14 countries
- 3 Livestock species: pigs, dairy cattle, chickens
- EU Grant Value: €13.9m
- Total Project Value: €23.1m

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## SABRE’s Partners

- Genesis Faraday Partnership
- Institut National de la Recherche Agronomique
- Animal Sciences Group Lelystad
- The Roslin Institute and R(D)SVS, University of Edinburgh
- University of Aarhus
- Wageningen University
- Argentix Ltd
- Cordoba University
- Parco Tecnologico Padano
- Agricultural Research Organization, The Volcani Center
- MTT Agrifood Research Finland
- Genus plc
- University of Berne
- CNRS-UPR
- RIBFA, FBN Dummerstorf
- Norwegian University of Life Sciences
- University of Bonn
- Institut De Recerca I Tecnologia Agroalimentaries
- Lohmann Tierzucht
- University of Copenhagen
- University of Glasgow
- University of Munich
- Cogent Ltd
- Sanger Institute
- Institute for Pig Genetics
- BioBest Ltd
- Scottish Agricultural College
- Institute for Animal Health
- University of Medical Sciences Poznan
- JiangXi Agricultural University
- Zhejiang University
- China Agricultural University
- Universidade Federal De Viscosa

