

Programme	Subprogramme	Project acronym	Project title	Funding (M€)	Start date
H2020	SFS	SAPHIR	Strengthening animal production and health through the immune system response	9	2015
H2020	SFS	Feed-a-gene	Adapting the feed, the animal and the feeding techniques to improve the efficiency and sustainability of monogastric livestock production systems	9	2015
H2020	MSCA	AdaptClim	Genomic and epigenomic signatures of climate-mediated selection in cattle	0,2	2015
H2020	MSCA	ResisGal	Ostreid herpesvirus 1: Genetic selection of Resistant strains and environmental interaction in the Atlantic coast of Spain (Galicia)	0,18	2015
H2020	MSCA	ASF_SwineResistance	African Swine Fever, the Sus scrofa evolutionary genomic response	0,2	2015
H2020	SFS	TREASURE	Diversity of local pig breeds and production systems for high quality traditional products and sustainable pork chains	3,4	2015
FP7	PEOPLE	REPRODUCTION	Historicizing reproduction	0,25	2015
COST		FAANG-Europe	Functional Annotation of Animal Genomes - European network		2015
FP7	PEOPLE	OOCYTE ACTIVATION	Oocyte activation and human infertility: Identification and characterisation of a critical oocyte-borne receptor, and effects of laboratory procedures upon key proteins	0,3	2014
FP7	COOPERATION	SMARTBEEES	Sustainable management of resilient bee populations	6	2014
FP7	COOPERATION	FISHBOOST	Improving European aquaculture by advancing selective breeding to the next level for the six main finfish species	6	2014
FP7	COOPERATION	GPLUSE	Genotype and environment contributing to the sustainability of dairy cow production systems through the optimal integration of genomic selection and novel management protocols based on the development	9	2014
FP7	COOPERATION	DIVERSIFY	Exploring the biological and socio-economic potential of new/emerging candidate fish species for the expansion of the European aquaculture industry	9	2013
FP7	IDEAS	DAMONA	Mutation and recombination in the cattle germline: genomic analysis and impact on fertility	2,2	2013
FP7	COOPERATION	PROHEALTH	Sustainable intensive pig and poultry production	9	2013
FP7	COOPERATION	ECO-FCE	A whole-systems approach to optimizing feed efficiency and reducing the ecological footprint of monogastrics	6	2013
FP7	PEOPLE	BEHENT	Understanding the contribution of cattle behaviour to variations in feed efficiency and greenhouse gas emissions and the welfare consequence of improving environmental sustainability	0,231	2013
FP7	PEOPLE	INNATELYBETTERCOWS	A genomics approach to increasing disease resistance in dairy cows through improvements in innate immunity	0,3	2013
FP7	COOPERATION	FECUND	Optimization of early reproductive success in dairy cattle through the definition of new traits and improved reproductive biotechnology	3	2013
FP7	COOPERATION	PROLIFIC	Pluridisciplinary study for robust and sustainable improvement of fertility in cows	3	2013
COST		METHAGENE	Large-scale methane measurements on individual ruminants for genetic evaluation		2013
FP7	IDEAS	BATESON	Dissecting genotype-phenotype relationships using high-throughput genomics and carefully selected study populations	2,3	2012
FP7	PEOPLE	SEQSEL	Global cooperation to develop next generation whole genome sequence selection tools for novel traits	0,13	2012
FP7	COOPERATION	GENE2FARM	Next generation European system for cattle improvement and management	3	2012
FP7	COOPERATION	RUMINOMICS	Connecting the animal genome, gastro-intestinal microbiomes and nutrition to improve digestion efficiency and the environmental impact of ruminant livestock production	6	2012
FP7	PEOPLE	PRO-OVUM	Role of progesteron receptor membrane component-1 in oogenesis and mammalian fertility	0,1	2012
FP7	PEOPLE	SHEEPREP	Advanced studies in improving sheep fertility by using artificial means of reproduction	0,2	2012
FP7	COOPERATION	ALLBIO	Broadening the Bioinformatics Infrastructure to unicellular, animal, and plant science	1	2011
FP7	COOPERATION	SOLID	Sustainable organic and low-input dairy production	6	2011
FP7	COOPERATION	EADGENE_S	Strengthening the implementation of durable integration of EADGENE	1	2011
FP7	CAPACITY	PIGENDEF	Towards marker assisted selection against congenital defects in pigs	0,7	2011
FP7	PEOPLE	SELECTIONFORWELFARE	The potential of behavioural play markers to improve welfare in farm animals through selection	0,08	2011
FP7	PEOPLE	NEUTRADAPT	Estimation of neutral and adaptive/selective genetic variation in farm animal species	0,05	2011
FP7	COOPERATION	RTD2FARM	Enhancing collaboration in research for livestock	1	2011
FP7	PEOPLE	NEMATODESYSTEMHEALTH	A systems biology approach to controlling nematode infections of livestock	3,4	2011

FP7	IDEAS	SELSWEEP	Molecular characterization of genetic factors in the pig under selection during speciation, domestication and breeding	2,5	2010
FP7	CAPACITY	REPROSEL	Reproduction protocols and molecular tools for mass spawning and communal rearing based Selective breeding schemes applied to multiple-spawning marine fish	1,2	2010
FP7	PEOPLE	MAPSEQ	High throughput sequencing to analyse genome variation and evolution in <i>MAP</i> strains	0,09	2010
FP7	COOPERATION	3SR	Sustainable solutions for small ruminants	3	2010
FP7	COOPERATION	NEXTGEN	Next generation methods to preserve farm animal biodiversity by optimizing present and future breeding	3	2010
FP7	PEOPLE	MACE	Maternal communication with embryo	0,17	2010
FP7	COOPERATION	BECOTEPS	The bio-economy technology platforms join forces to address synergies and gaps between their strategic research agendas	0,7	2009
FP7	CAPACITY	BOVINOSE	Pheromone-based sensor system for detecting estrus in dairy cows	1	2009
FP7	PEOPLE	GREENHOUSEMILK	Developing genetic tools to mitigate the environment impact of dairy systems	2,2	2009
FP7	COOPERATION	QUANTOMICS	From sequence to consequence: tools for the exploitation of livestock genomes	6	2009
FP7	COOPERATION	LOWINPUTBREEDS	Development of integrated livestock breeding and management strategies to improve animal health, product quality and performance in European organic and 'low input' milk, meat and egg production	6	2009
COST			Understanding and combating porcine reproductive and respiratory syndrome in Europe (FA0902)		2009
FP7	CAPACITY	ERIN	Support study for the identification of potential needs and possibilities for an integrated European infrastructure network of animal facilities in ruminant physiology and breeding	0,5	2008
FP7	COOPERATION	ROBUSTMILK	Innovative and practical breeding tools for improved dairy products from more robust dairy cattle	3	2008
FP7	COOPERATION	MACROSYS	Macrophage systems biology applied to disease control	3	2008
COST			Maternal interaction with gametes and embryos (FA0702)		2008
FP6	FOOD	Q-PORKCHAINS	Improving the quality of pork and pork products for the consumer: development of an innovative, integrated, and sustainable food production chain of high quality pork products matching consumer demand	14,5	2007
FP6	POLICIES	FABRE-TP	Sustainable farm animal breeding and reproduction technology platform	0,4	2006
FP6	FOOD	RESCAPE	Reducing egg susceptibility to contaminations in avian production in Europe	2	2006
FP6	FOOD	SABRE	Cutting edge genomics for sustainable animal breeding	14	2006
FP6	FOOD	DELIVER	Design of effective and sustainable control strategies for liver fluke in Europe	3,5	2006
FP6	MOBILITY	SABRETRAIN	Cutting edge early stage training in genomics, genetics and epigenetics for sustainable animal breeding	2	2006
FP6	POLICIES	INTEGRA	New tools for genetic engineering using targeted integration vectors application to agronomy food safety and gene therapy	2	2006
FP6	MOBILITY	BEEFGENES	Exploring genome organisation at QTLs for beef production traits at high resolution to identify candidate genes	0,2	2005
FP6	FOOD	IMAQUANIM	Improved immunity of aquacultured animals	8	2005
FP6	MOBILITY	HARUCHAN	Development and application of novel LD-based approaches for the positional cloning of quantitative trait loci in livestock	0,1	2005
FP6	FOOD	CODE-EFABAR	Code of good practice for farm animal breeding and reproduction	0,3	2004

FP6	INCO	ICTTD	The integrated consortium on ticks and tick-born diseases	1,8	2004
FP6	FOOD	EADGENE	European animal disease genetics network of excellence for animal health and food safety	11,5	2004
FP6	SUSTDEV	MARINE GENOMICS	Implementation of high-throughput genomics approaches to investigate the functioning of marine ecosystems and the biology of marine organisms	10	2004
COST			European network for pig genomics (861)		2004
COST			The importance of prenatal events for postnatal muscle growth in relation to the quality of muscle based foods (925)		2004
FP5	LIFE QUALITY	EFABIS	A European farm animal biodiversity information system	0,5	2002
COST			Agricultural bio-markers for array technology (853)		2002
FP5	LIFE QUALITY	SEFABAR	Sustainable European farm animal breeding and reproduction	0,9	2000
FP5	LIFE QUALITY		Development of an integrated system for livestock extensive exploitation	0,02	2000
FP4	FAIR		Embryonic origin of health and welfare: a new concept for understanding the susceptibility to diseases	1	1999
FP4	BIOTECH2	Breeding and Society	The future developments in farm animal breeding and reproduction and their ethical, legal and consumers' implications		1998
FP4	BIOTECH2		Characterization of genetic variation in the European pig to facilitate the maintainance and exploitation of biodiversity		1998
FP4	BIOTECH2	PIGMAP2	Mapping and molecular characterization of quantitative trait loci controlling fatness in pigs		1998
FP4	BIOTECH2		Identity-by-descent method for the genetic fine-mapping of quantitative trait loci - 'QTL' in livestock		1998
FP4	TMR		Influence of nutrition and metabolic stressors in regulation of oocytedevelopmental competence in cattle		1998
FP4	INCO		Trait gene mapping in a cross between two divergent pig breeds - Duroc and Mangalica	0,5	1997
FP4	BIOTECH2	PIGQTEC	Transferring QTL technology to the pig breeding industry - a demonstration project		1997
FP4	FAIR	GIFT	genetic improvement of functional traits in cattle	0,3	1997
FP4	INCO		Investigation of the genetic basis of bovine resistance to trypanosomiasis		1996
FP4	INCO		Integrated control of ticks and tick-borne diseases vaccine development, diagnostics, genetic resistance and delivery systems		1996
FP4	BIOTECH2		Development, optimization and validation of molecular techniques for the measurement of the genetic diversity in domestic ungulates		1996
FP4	BIOTECH2		A guideline for the cry-preservation of genetic resources to maintain variation in livestock populations		1996
FP4	BIOTECH2		Development of amplified fragment length polymorphisms (ALFP) and its application to animal genome mapping and farm animal selection		1995
FP4	BIOTECH2		Programmable generator of intracellular signals for the in-vitro cultivation of oocytes and embryos of domestic mammals		1995
FP3	BIOTECH1	PIGMAP	The pig gene mapping project: identifying trait genes		1994
FP3	BIOTECH1	GEMINI	Genome mapping informatics infrastructure	0,3	1993
FP3	BIOTECH1	BOVMAP	Development of genetic and physical marker maps of the bovine genome (bovine gene mapping project)	1,2	1993
FP3	STD3		Increasing goat production: reproduction and nutrition		1993
FP3	BIOTECH1		Development of genetic resource bank systems and guidelines	0,3	1993
FP3	BIOTECH1		Totipotency and commitment in farm animal embryos	1,3	1993
FP3	STD3		The interaction between nutrition and genetic resistance to trypanosomiasis in trypanotolerant livestock		1993
FP3	STD3		Population analysis of goat breeds in Kenya		1993
FP2	CAMAR		Evaluation and improvement of efficacy of animal production systems using natural resources by grazing ruminants in mediterranean areas		1991
FP2	BRIDGE	PIGMAP	The development of a genetic and physical map of the porcine genome		1991
ET-Leonardo d			Skill enhancement and training of inseminators in European livestock improvement agencies and agriculture		
ET-Leonardo d		DACELI	Development of training and certification methodologies and career development packages in the European livestock industries		