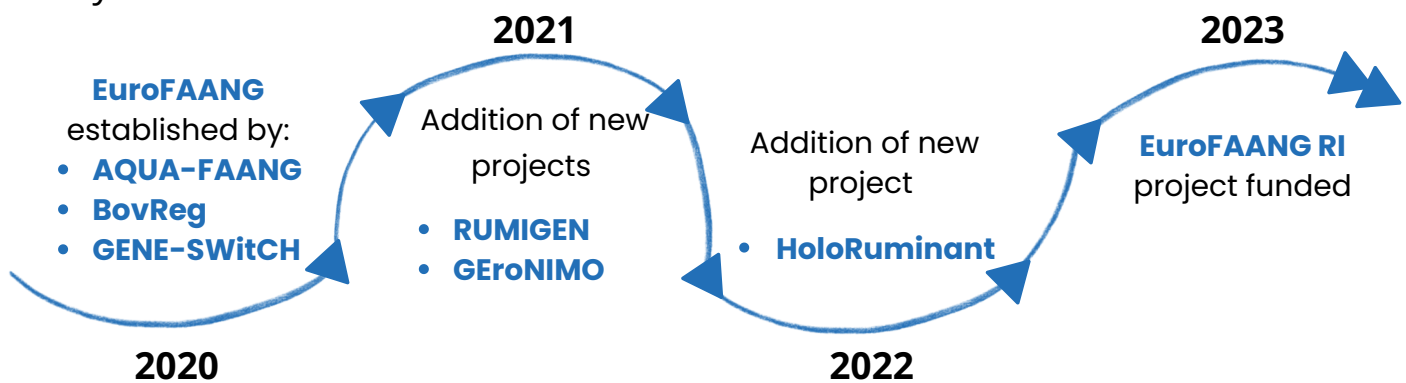


EuroFAANG

Accelerating genome to phenome research
for farmed animals in Europe

EuroFAANG is an internationally coordinated effort to unravel the connection between the genetic make-up of farmed animals and their observable physical and physiological traits. EuroFAANG currently comprises of six research projects and one infrastructure project funded by the EU.



The EuroFAANG Research Infrastructure (RI) project works on developing and conceptualising a framework of knowledge hubs, repositories, biobanks and experimental facilities to realise the full potential of Genotype-to-Phenotype (G2P) research across species. The EuroFAANG RI project aims to streamline interdisciplinary capabilities for G2P research in terrestrial and aquatic farmed animals and provide further transnational access to all the relevant facilities, expertise and knowledge to European stakeholders in the future. It draws on the research infrastructures available in the initial project group and aims to expand from there.

The EuroFAANG community is supported by seven projects



Documenting genome function to understand the basis for trait variation and disease resistance in farmed fish.



www.aqua-faang.eu



Identifying genome features driving phenotypic diversity in cattle.



www.bovreg.eu



Developing new breeding strategies to help ruminants adapt to climatic changes.



www.rumigen.eu



Understanding microbiomes of ruminant holobiont.



www.holoruminant.eu



Identifying genome features whose activity, during development and when facing environmental challenges, determines complex traits in chicken and pigs.



www.gene-switch.eu



Providing new knowledge and tools for genome and epigenome enabled breeding in monogastrics.



www.geronimo-h2020.eu



Streamlining interdisciplinary capabilities for G2P research in terrestrial and aquatic farmed animals.



www.eurofaang.eu



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