

PPILOW Project - Final Conference Brussels, 12 June 2024



European Partnership on
Animal Health and Welfare

EUPAHW - General Presentation

Coordinators:

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www.eupahw.eu

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European Partnership on Animal Health & Welfare (EUP AH&W)

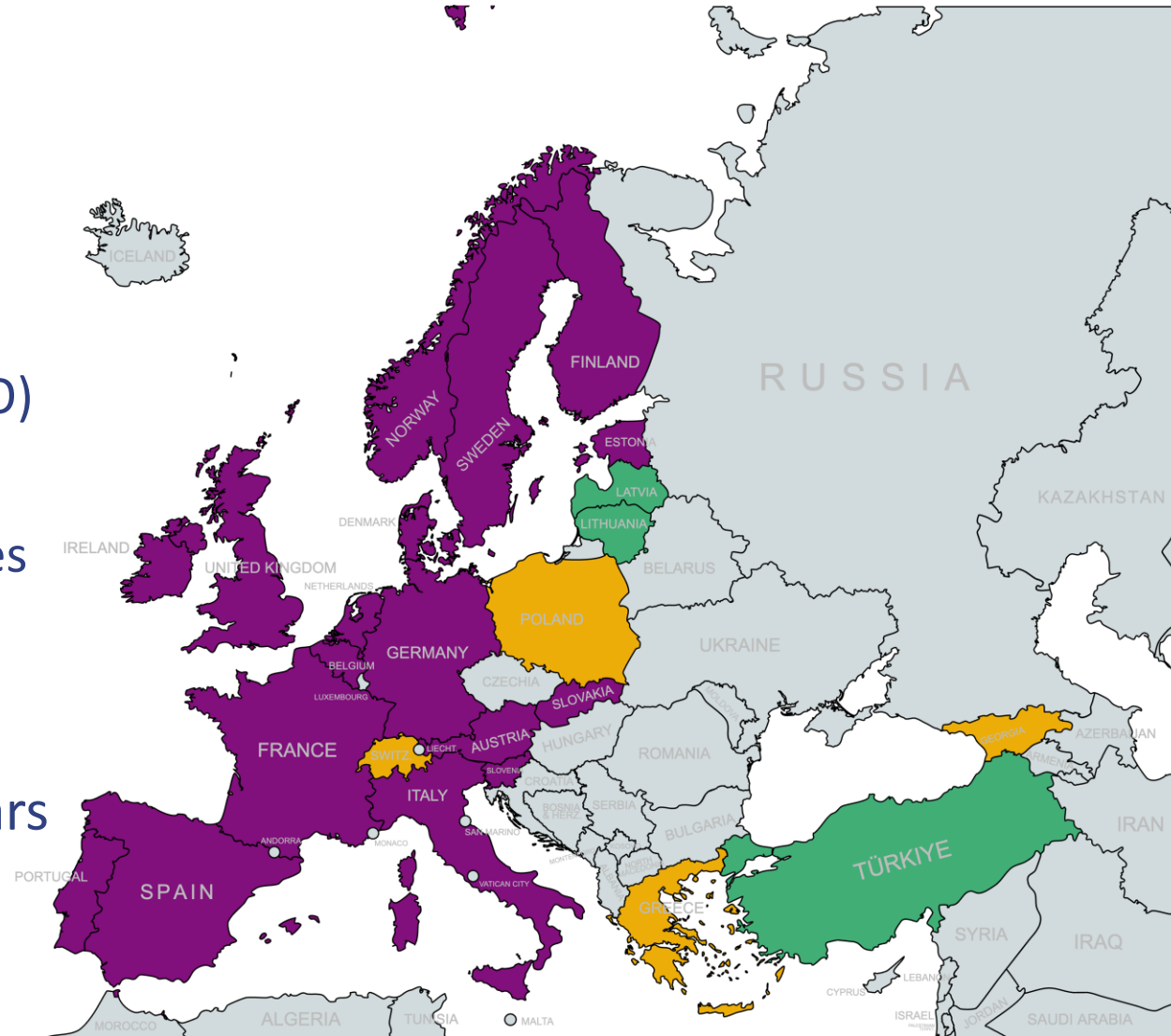
- 90 partners:
 - 56 Research Performing Organizations (RPO)
 - 30 Funding Organizations (FO)
 - Some other entities: EFSA, EMA, Authorities
- From 24 EU and non-EU countries
- Duration 7 years (+3)
- Total budget: 360 M€ estimated over 7 years
- Coordinated by



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Type of partners

- Only RPO
- FO/AUTH and RPO
- Only FO/AUTH



Vision of the EUP AH&W

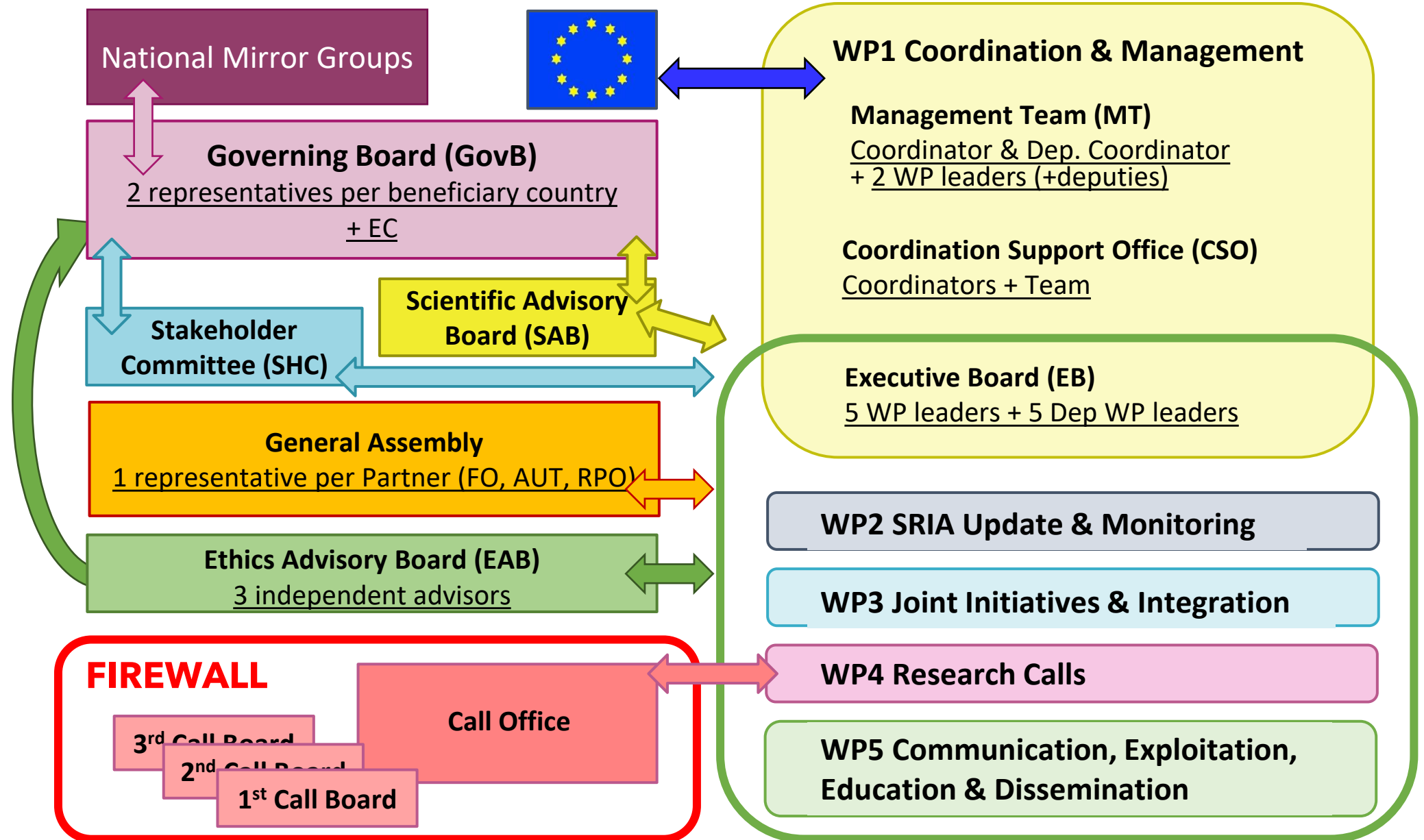
‘To provide society with a **sustainable livestock production** sector, where:

- **infectious animal diseases** are prevented and controlled with appropriate means,
- **antimicrobials** are used prudently, and
- **animal welfare** is respected in every phase of the production process, until death.’

Due to the close link between animal health, animal welfare and human well-being, the **perspective of One Health and One Welfare** takes a prominent place in the EUP AH&W.

The ambition of EUP AH&W is to build a strong Research and Innovation framework strengthening Europe’s capacity to act on a preventive approach and raise healthy animals in sustainable systems, that support high levels of animal welfare

Governance of the EUP AH&W



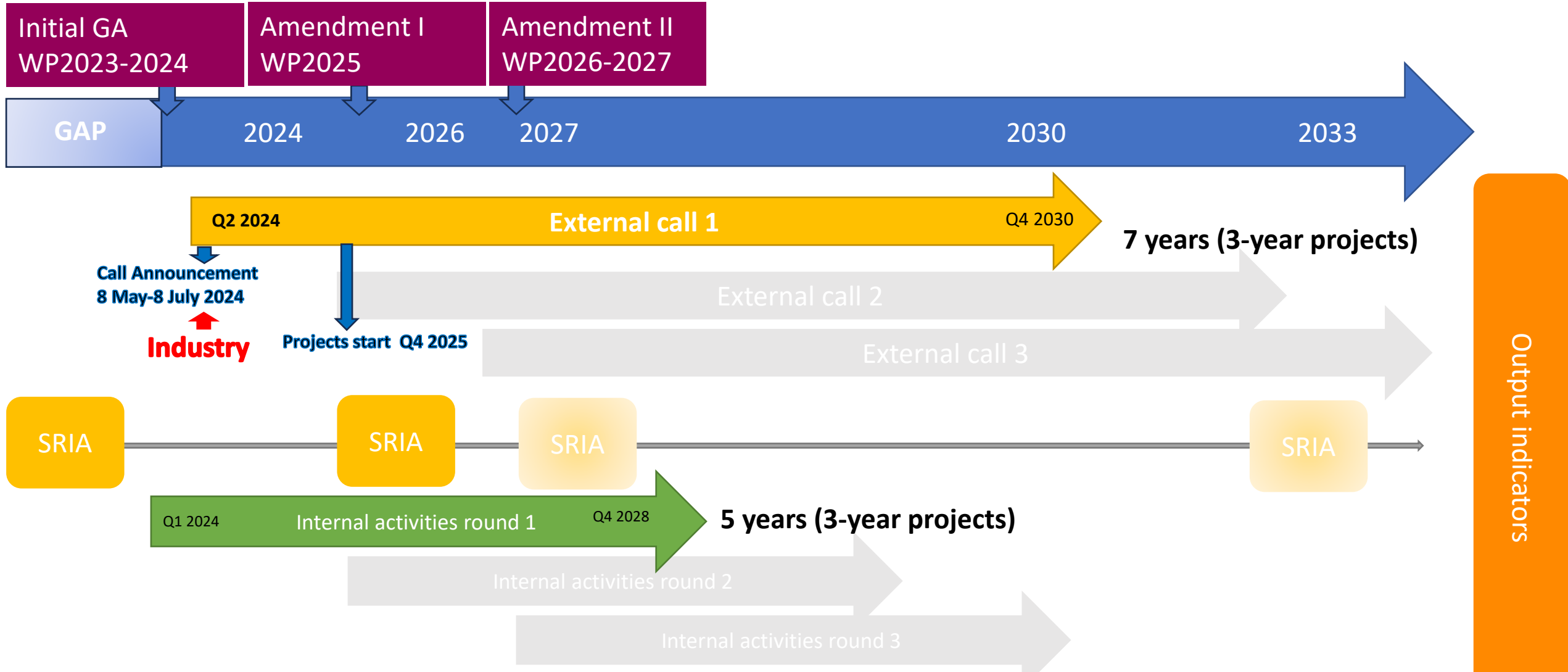
Main characteristics of the EUP AH&W

- Beneficiaries are:
 - **Funding Organisations (FO)**,
 - **Research Performing Organisations (RPO)**,
 - authorities and European entities (EFSA, EMA)
- FO bring **cash** for external calls
- RPO bring **in-kind** contribution
- Activities:
 - **Internal programme** for RPOs as members of the EUP AH&W
 - **External research calls** for non-member RPOs and private partners
Member RPO can take part according to local FO rules
- **Co-fund Action:** 50% EC-funding overall (cash + in-kind from beneficiaries)



EUP AH&W Timeline

The EUP AH&W should cover a period of 10 years, with the first 7 years foreseen for the initial Grant Agreement



First Internal Projects

56 RPO involved; 17 projects based on 16 Actions from the five priority areas of SRIA

1. Surveillance/monitoring systems and risk assessment for AH&W

- OO1 - Action 2. Wildlife network - mammals and birds
- OO1 - Action 2. Wildlife & disease of aquatic organisms: a European perspective
- OO1 - Action 4. Surveillance of AMR in animal pathogens
- OO1 - Action 6. Knowledge platform on animal welfare
- OO2 - Action 1. Rapid Risk Assessment also aquaculture

2. Procedures, methodologies and tools to analyse AH&W

- OO3 - Action 1. Basic knowledge on priority pathogens and infectious diseases also fish and shellfish
- OO3 - Action 2. Better tools for the diagnosis of infectious diseases
- OO4 - Action 1. Assessment of positive welfare; defining animal-based measures
- OO4 - Action 3. Improved assessment of consciousness and death for livestock and fish including crustacean

3. Management on farm, during transport and at slaughter

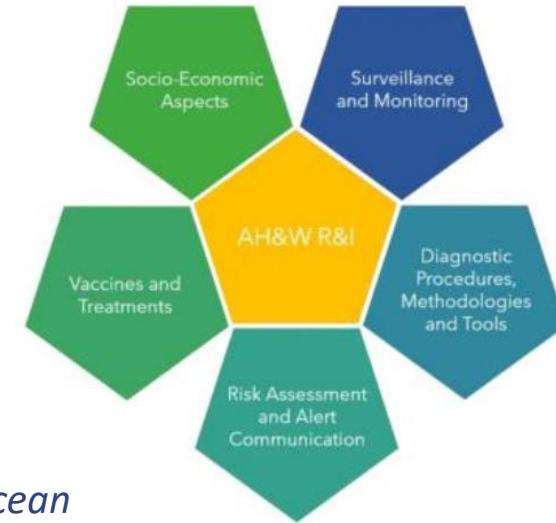
- OO5 - Action 1. Network of experts on biosecurity measures to reduce infections, also on aquatic organisms
- OO5 - Action 4. Reinforcement of animal resilience through fundamental research for animal feeding and breeding
- OO6 - Action 1. Animal welfare & sustainability including aquaculture & fisheries

4. Treatments and vaccines

- OO7 - Action 1. Pathogen-microbiome interactions, immune system & mechanisms of AMR
- OO7 - Action 2. New antimicrobial, antiparasitic drugs & tools for assessing their efficacy and safety
- OO8 - Action 1. The role of the immune system of food producing animals
- OO8 - Action 2. Tools such as vaccine platforms, expression systems, etc.

5 Transversal area

- OO9 - Action 1. Assess the economic and societal burden of priority diseases



First external Call «Supporting the Future of Animal Health & Welfare»

- Includes 30 Funders from 20 countries



- Budget: 24,6 M€ (FO) +6,8 M€ (EC) to boost research and facilitate cooperation between all actors
- <https://eupahw.ptj.de/call1>
- Deadline for submission of pre-proposals: 8 July 2024
- 15 Actions from the five priority areas of SRIA and organised in **3 topics**



First external Call

Topic 1: Novel Technologies for Prevention, Detection, Assessment, and Management of Animal Health and Welfare



- From genomic surveillance of health and improved disease diagnostic methods to novel or improved vaccines and vaccine platforms
- New technologies aimed at monitoring and improving animal welfare could, for instance, include the creation of sensors, decision support tools, or innovative animal husbandry and aquaculture systems.

First external Call

Topic 2: Fundamental Research for Animal Health and Welfare

Research to advance scientific knowledge and understanding of the biological, immunological, and physiological mechanisms influencing terrestrial and aquatic AH&W.



- Increasing knowledge of priority pathogens (bacteria, parasites, viruses, fungi, or prions responsible for important economic losses or high risk for transmission to humans)
- Interactions with the host microbiome, diagnostics, immunology
- Basis of welfare indicators



First external Call

Topic 3: Animal Health and Welfare and Society

- It covers social, economic, or ethical studies that examine how pathogens, novel technologies or improved animal welfare might impact farmers, fishers, aquaculture producers, consumers, or the production chain.



- It would also cover studies focusing on human behaviour with respect to biosecurity, perception of welfare and impacts on demand, and communications with farmers and producers to improve acceptability of policy, to facilitate a transition to sustainable production.



Thank you for your attention

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