

# IMPLEMENTATION OF "ONE HEALTH TO GLOBAL HEALTH" CONCRETE ACTIONS BY THE FEDERATION OF EUROPEAN ACADEMIES OF MEDICINE (FEAM) AND PERSPECTIVES

## MISE EN OEUVRE DE « UNE SEULE SANTÉ VERS SANTÉ GLOBALE », ACTIONS CONCRÈTES DE LA FÉDÉRATION EUROPÉENNE DES ACADÉMIES DE MÉDECINE (FEAM) ET PERSPECTIVES

André JESTIN <sup>1</sup> 

Manuscrit initial reçu le 3 avril 2025, manuscrit révisé reçu le 18 avril 2025 et accepté le 22 avril 2025, révision éditoriale le 26 juin 2025

### ABSTRACT

The author intends to provide an overview of recent FEAM initiatives that have been carried out to inform decision makers. FEAM expects to proactively evolve European policies through these initiatives by targeting different European institutions: Health agencies, the European Parliament, the European Commission, and the Scientific Advice Mechanism (SAM). The FEAM aims to shape public policies that ensure a higher level of implementation of the One Health approach to human, animal, and environmental challenges.

**Mots-clés :** One Health, Global Health, public policies, FEAM, SAM, SAPEA

### RÉSUMÉ

L'auteur dresse un inventaire des récentes initiatives de la FEAM menées dans l'objectif d'informer les autorités européennes. Par ces initiatives, la FEAM espère faire évoluer les politiques européennes de manière proactive, en ciblant différentes institutions européennes : les agences de santé, le Parlement européen, la Commission européenne, le mécanisme de conseil scientifique (SAM). La FEAM cherche à façonner des politiques publiques qui garantissent une meilleure mise en œuvre de la démarche « Une seule santé » face aux défis de la santé humaine, animale et environnementale.

**Keywords:** Une seule santé, santé globale, politiques publiques, FEAM, SAM, SAPEA

Abbreviations: AMR, antimicrobial resistance; ECDC, European Centre for Disease Prevention and Control; ECHA, European Chemicals Agency; EEA, European Environmental Agency; EFSA, European Food Safety Authority; EMA, European Medicines Agency; ERAC, European Research Area Committee; FEAM, Federation of European Academies of Medicine; FP, Framework Programme; GCSA, Group of Chief Scientific Advisors; HERA, Health Emergency Preparedness and Response Authority; MEP, Member of the European Parliament; OHHLEP, One Health High Level Expert Panel; PFUE, French Presidency of the Council of the European Union; SAM, Scientific Advice Mechanism; SAPEA, Science Advice for Policy by European Academies; UK.AMS, Academy of Medical Sciences of the United Kingdom

1- Former president of the French Veterinary Academy  
Courriel : andre.jestin1@orange.fr



## INTRODUCTION

The Federation of European Academies of Medicine (FEAM) (1) aims to foster collaboration among the National Academies of Medicine, Pharmacy, and Veterinary Sciences across Europe. It serves as a platform for these institutions to formulate and express common positions on European human and animal medicine, biomedical research, education, and health issues. Typically, FEAM responds to inquiries and requests for reports from governments and European bodies; however, in several instances, it has also taken a proactive approach by raising specific questions to these entities through a bottom-up strategy (2). Notably, FEAM consistently advocates for a robust implementation of the One Health concept by promoting a comprehensive, multi-target strategy. This article highlights a selection of recent initiatives undertaken by FEAM.

## 1. EUROPEAN CROSS AGENCY FOR ONE HEALTH

A European Cross agency for One Health action has been established, and a joint statement was signed on November 13<sup>th</sup>, 2023 by five European Union Health Agencies (EMA, EFSA, ECDC, EEA, ECHA) (3). In this statement, these five European agencies expressed their joint commitment as EU agencies to fully support the One Health agenda in Europe, in a task force format. Although not directly involved in this process, FEAM and the French Academies of Medicine, Pharmacy, and Veterinary Sciences organized three international conferences in Paris in 2022 under the aegis of the French Presidency of the Council of the European Union (PFUE) dedicated to i) the new “Health Emergency Preparedness and Response” Authority (HERA) (4), with an emphasis on the need to break silos and promote the implementation of One Health (5), ii) challenges and opportunities for the veterinary world in Europe (6), and iii) combating zoonoses and addressing AMR on the Planet with a One Health approach (7). All three FEAM conferences emphasized strengthening the One Health approach among the European Health Agencies.

## 2. THE EUROPEAN UNION FP10

On February 20, 2024, in Brussels, FEAM and the Academy of Medical Sciences of the United Kingdom (UK.AMS) organized a joint workshop on designing the next European Union R&I Framework Programme FP10 (8). The European Academies of Medicine, Pharmacy, and Veterinary Sciences and FEAM have a role in defining the future FP10, particularly in determining One Health's place. FEAM is interested in Cluster 1: Health, and Cluster 6: Food & Agriculture & Environment of Pillar II (Global Challenges). FEAM & UK.AMS identified “Global Health challenges, including Climate Change and Health” as a priority. “One Health & Global Health” issues were addressed in clusters 1 and 6 in FP9; FEAM and UK.AMS raised the issue of the benefit set-off to create a new cluster dedicated to One Health & Global Health. FEAM and UK.AMS were proactive in contributing to the preparation of the next European R&I framework programme. In the same way, the European Research Area Committee (ERAC) adopted in February 2024 its opinion on FP10 and the next ERA Policy Agenda (9).

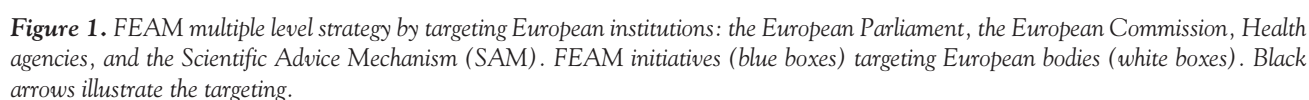
## 3. ONE HEALTH KNOWLEDGE HUB

In 2024, FEAM studied the feasibility of a One Health knowledge Hub for Literature and Clinical Information Research in Veterinary and Human medicine in Europe. The FEAM One Health Knowledge Hub project is inspired by the Knowledge Hubs of Academia Europaea (10) to implement the One Health approach. From a mid-term perspective, FEAM could operate through a network of Knowledge Hubs across Europe. The Knowledge Hub would strengthen FEAM's position in One Health challenges. The Knowledge Hub could work on the request of DG-Research, SAPEA, FEAM, or national authorities. The Hub could be an internal FEAM organization to potentiate FEAM's actions in the One Health field. It could be a self-sustained network, without recurrent resources, actions fed only by grants, and in-kind contributions from the national academies.

## 4. MEMBERS OF THE EUROPEAN PARLIAMENT

In Brussels, on October 2, 2024, a round table “From Human to Animal and Planetary Health: reaffirming the European Commitment” was organized (11). One Sustainable Health for All Foundation and Virchow Foundation, together with FEAM, presented to the Members of the European Parliament (MEPs) the future One Health challenges, with the substitutes representing the MEPs. This preliminary initiative of the Foundations and Federations working together to promote One Health & Sustainable Health should be repeated. It is an opportunity to strengthen the mechanism and inform the MEPs of the global approach.





In July 2024, the future European Commission was still in preparation. FEAM expected progress in the field of One Health & Global Health. Mission letters from Ursula von der Leyen were sent to the commissioners designates. In the mission letters, One Health is only a priority in DG Health & Animal Welfare. Commissioner for Health and Animal Welfare, Oliver Varhelyi, was invited to “continue to build on the One Health approach, based on the connection between people, animals, plants, and their shared environment.” (12). Commissioner for Food & Agriculture, Christophe Hansen, was invited to build on the recommendations of the Strategic Dialogue and in consultation with the future European Board for Agriculture and Food (13). Commissioner for Environment, Jessica Roswall, was invited to focus on water resilience and competitive circular economy (14). The commissioners nominated on November 22, 2024, will provide their views, and FEAM is awaiting clarifications on the priorities given to One Health & Global Health. Additionally, two issues will attract FEAM’s attention: the One Health Unit’s future and the interactions between Crisis Preparedness in Food and the new DG Agri Food.

Since October 2023, the President of FEAM, Professor Stefan Constantinescu, has been chairing the Board of SAPEA (15). The GCSA is in the process of renewing its membership (16). The French Veterinary Academy nominated three experts, and the expectation is that representatives with biomedical expertise will be part of the GCSA. Together with a dedicated unit, named the Scientific Advice Mechanism Secretariat, established within the Directorate-General for Research and Innovation of the European Commission, the GCSA and SAPEA form the Scientific Advice Mechanism (SAM). In this framework of SAM, FEAM in SAPEA will continue to strengthen the One Health approach at the EU level.

In October 2024, the G7 Health Ministers worked together to implement the One Health approach focusing on antimicrobial resistance (AMR) and climate change (17). The G7 Health Ministers Communiqué in Ancona, October 10–11, 2024, addresses the Global Health threat of AMR, the spread of zoonotic diseases, and the planetary crisis. G7 Ministers work together using the One Health High Level Expert Panel (OHHLEP) recommendations to effectively implement the One Health Approach (18, 19). FEAM has no direct interaction with the G7. Nevertheless, SAPEA interacts with the G7, and FEAM will remain available to provide SAPEA evidence and advice on One Health & Global Health issues.



## 8. GOVERNANCE OF THE ONE HEALTH IN EUROPE

In November 2024, the report and recommendations on the Governance of One Health in Europe were published. The request from the European Commission was titled “Cross-sectoral evidence-based governance for one health in the EU” (20,21,22). The working group of seventeen members was co-coordinated by Jakob Zinsstag and Tyra Grove-Krause. One member of the FEAM One Health Scientific Committee, i.e. Marion Koopmans, was a member of this working group. In its Scientific Opinion, the GCSA suggested creating a high level One Health coordination mechanism. Throughout the process, FEAM has played a role in preparing the composition of the working group in collaboration with SAPEA. FEAM will continue to be proactive and, in addition to the top down process with requests coming from the European Commission, in a bottom up process, new priorities by the national academies and FEAM on topics related to One Health & Global Health will be identified.

## DISCUSSION

Even if One Health in Europe is evolving to Global Health, FEAM will continue to try to influence the strengthening of the One Health approach. Uncertainties remain due to the European Commission’s renewal and the preparation of the future Research Programme FP10. Nevertheless several positive perspectives exist, such as i) the new governance of GCSA and SAPEA, ii) the creation of the One Health Knowledge Hub, iii) the creation of the cross Health Agencies task force in Europe, iv) the coordination of Foundations and FEAM to inform the members of the European Parliament and v) the production of recommendations for One Health governance in Europe. The author presented these data at the “One Health” conference, organized by FEAM and the Romanian Academy, 21–22 November 2024, in Bucharest, Romania (23).

## CONCLUSION

FEAM seeks to support a high level of implementation of One Health by promoting a multilevel strategy, targeting different European institutions: the European Parliament, the European Commission, Health agencies, and SAM. FEAM will continue to focus on all matters related to “One Health & Global Health” in Europe to promote the One Health approach in the future challenges of humans, animals, and the environment.

## CONFLICTS OF INTEREST

*The author is the Former President of the French Veterinary Academy and has no conflict of interest.*

## REFERENCES

1. FEAM Federation of European Academies of Medicine. 2020. Available at: FEAM (Viewed on 15.01.2025)
2. Jestin A. The Federation of European Academies of Medicine (FEAM), an institution in constant evolution in synergy with the national academies. BAVF. 2024; bav240017. <https://doi.org/10.3406/bavf.2024.71082>
3. A cross-agency One Health task force. 2024. Available at: Cross-agency One Health task force | European Environment Agency's home page (Viewed on 15.01.2025)
4. Hera Health Agency Preparedness and Response. 2021. Available at: Health Emergency Preparedness and Response (HERA) - European Commission (Viewed on 15.01.2025)
5. Workshop: How should Europe prepare and respond to cross-border health threats, 31<sup>st</sup> January. 2022. Available at: Workshop: How should Europe prepare and respond to cross-border health threats: HERA?, 31<sup>st</sup> January – 13:00 – 16:00 (CET) | FEAM (Viewed on 15.01.2025)
6. Dupouy-Camet J, Vanelle A-M, Poudelet E, Zientara S, Sai P, Rousselot J-F *et al.* L'Europe, défis et opportunités pour le monde vétérinaire [Europe, challenges and opportunities for the veterinary world]. BAVF. 2022; 175: 60-68. <https://doi.org/10.3406/bavf.2022.71011>
7. Combating zoonoses and addressing AMR on the planet with the One Health approach, Paris June 23. 2022. Available at: 23-juin-2022-Report-of-FEAM-IAP-conference-on-One-Health-EN.pdf (Viewed on 15.01.2025).
8. FP10 Workshop FEAM UK.AMS, Brussels, February 20. 2024. Available at: Joint workshop on the design of the next European Union R&I Framework Programme (Viewed on 15.01.2025)
9. The European Research Area Committee (ERAC) adopted its opinion on FP10. 2024. Available at: ERAC adopted its opinions on FP 10 and the next ERA Policy Agenda | European Research Area Platform (Viewed on 15.01.2025)
10. Knowledge Hub. 2013. Available at: Academy of Europe: Knowledge Hubs and Offices (Viewed on 15.01.25)
11. Round table “From Human to Animal and Planetary Health: reaffirming the European Commitment Organised by One Sustainable Health Foundation and Virchow Foundation” Brussels, October 2, 2024. Available at: OSH-DECLARATION-EN-BD.pdf (Viewed on 15.01.2025)
12. Oliver Varhelyi, Mission letter “continue to build on the



Bull. Acad. Vét. France — 2025

<http://www.academie-veterinaire-defrance.org/>



Cet article est publié sous licence creative commons CC-BY-NC-ND 4.0

One Health approach, based on connection between people, animals, plants and their shared environment". 2024. Available at: [b1817a1b-e62e-4949-bbb8-ebf29b54c8bd\\_en](#) (Viewed on 15.01.2024)

13. Christophe Hansen, Mission letter, "build on the recommendations of the Strategic Dialogue and in consultation with the future European Board for Agriculture and Food". 2024. Available at: [2c64e540-c07a-4376-a1da-368d289f4afe\\_en](#) (Viewed on 15.01.2025).

14. Jessika Roswall, Commissioner Environment, water resilience and competitive circular economy. 2014. Available at [Environment, Water Resilience and a Competitive Circular Economy](#) (Viewed on 15.01.2025).

15. Professor Stefan Constantinescu new SAPEA Leader. 2024. Available at: [Board and staff – Scientific Advice Mechanism](#) (Viewed on 15.01.2025)

16. Open call for membership of the Group of Chief Scientific Advisors to the European Commission. 2024. Available at: [Open call to nominate scientists for membership of the Group of Chief Scientific Advisors to the European Commission – Scientific Advice Mechanism](#) (Viewed on 15.01.2025)

17. G7 Health Ministers' Communiqué Ancona, October 10-11. 2024. Available at: [G7-Health-Ministers-Communique.pdf](#) (Viewed on 15.01.2025)

18. OHHLEP Définition. 2021. Available at: [Tripartite and UNEP support OHHLEP's definition of "One Health"](#) (Viewed on 15.01.2025)

19. OHHLEP JPA 2022-2024. 2022. Available at: [One Health Initiative](#) (Viewed on 15.01.2022)

20. Scoping paper on « Cross sectoral evidence-based governance for one health in EU ». 2023. Available at: [22fb9028-d9ca-466d-a6fd-02b34226f44a\\_en](#) (Viewed on 15.01.2025)

21. ERR, Evaluation Review Report. 2024. Available at: [One Health governance evidence review report – Scientific Advice Mechanism](#) (Viewed on 15.01.2025)

22. Scientific opinion on One Health governance. 2024. Available at: [Group of Chief Scientific Advisors - European Commission](#) (Viewed on 15.01.2025)

23. International Conference on One Health, Bucharest November 21. 2024. Available at: [International Conference on One Health, Bucharest | FEAM](#) (Viewed on 15.01.2025)

