



**4<sup>th</sup> one-day symposium**  
**ATF & LFS -EAAP Commission:**  
*Livestock are more than food*

**Welcome & introduction**

**Frank O'MARA**

Director of Teagasc & President of the Animal Task Force

&

**Michael LEE**

Deputy Vice-Chancellor – Harper Adams University & President of the EAAP Commission on Livestock Farming Systems

&

**Isabel CASASUS**

President of EAAP



## Who are we?

### Industry & farmers representative organisations



### Knowledge providers



### Partners



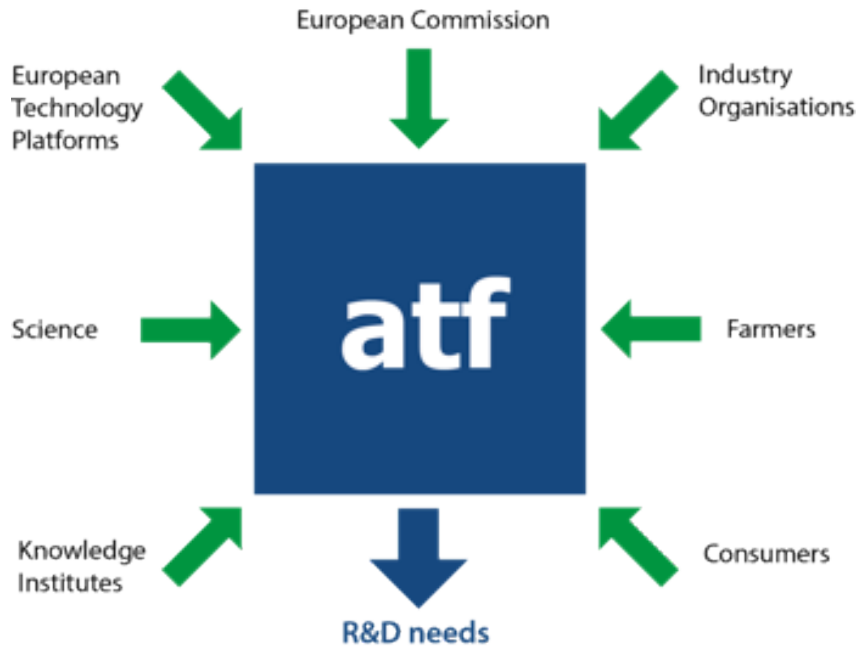


# What do we do?

**Members  
(Research &  
private sector)**

- Providing input for EU research and innovation agendas
  - Engaging in dialogue on sector innovation with key stakeholders in EU
  - Enhancing cooperation in EU research & innovation
  - Enabling knowledge exchange and act as a source of expertise

**EU authorities  
NGOs and  
stakeholders**





# Input to EU R&I agenda Horizon 2020 & Horizon Europe



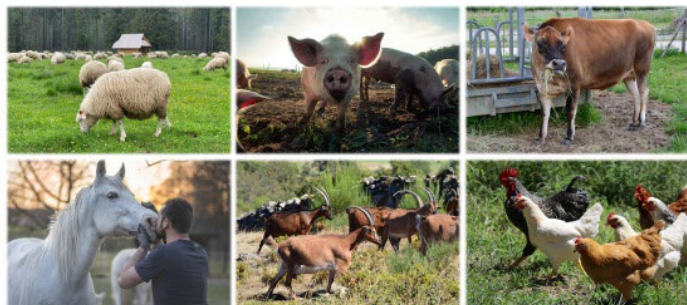
- [1<sup>st</sup> White Paper](#), 2013 + [Addendum](#), 2014
- [2<sup>nd</sup> White Paper](#), 2016
- Internal Action plan / next R&I Framework Programme (FP9), 2017
- [Facts & figures - Why EU animal production is important today?](#) 2017
- [Position paper towards FP9](#) - 2018
- [Vision Paper](#) – A framework for suggested priorities for R&I within Horizon Europe, 2019
- [Future of EU livestock: How to contribute to a sustainable agricultural sector?](#) - JRC-DG Agri, JL. Peyraud, M. McLeod (SRUC), 2020
- [ATF-Plant ETP Position paper](#), 2019
- [ATF-Plant ETP Policy Brief](#), 2020
- [Strategic Research and Innovation agenda](#) - Suggested priorities for R&I within Horizon Europe, 2021
- [Policy brief on biodiversity](#), 2021
- [Policy brief on agricultural methane](#), 2023

# 2024 : new publications!

## A Vision Paper for a sustainable livestock sector in Europe

Challenges, ways of progress and suggested priorities for research for Horizon Europe to enhance innovation and sustainability in the livestock production sector of Europe's food supply chains

May 2024



## A Strategic Research and Innovation Agenda for a sustainable livestock sector in Europe

Challenges, ways of progress and suggested priorities for research for Horizon Europe to enhance innovation and sustainability in the livestock production sector of Europe's food supply chains

Fourth White Paper of the Animal Task Force

June 2024



# Responsible livestock

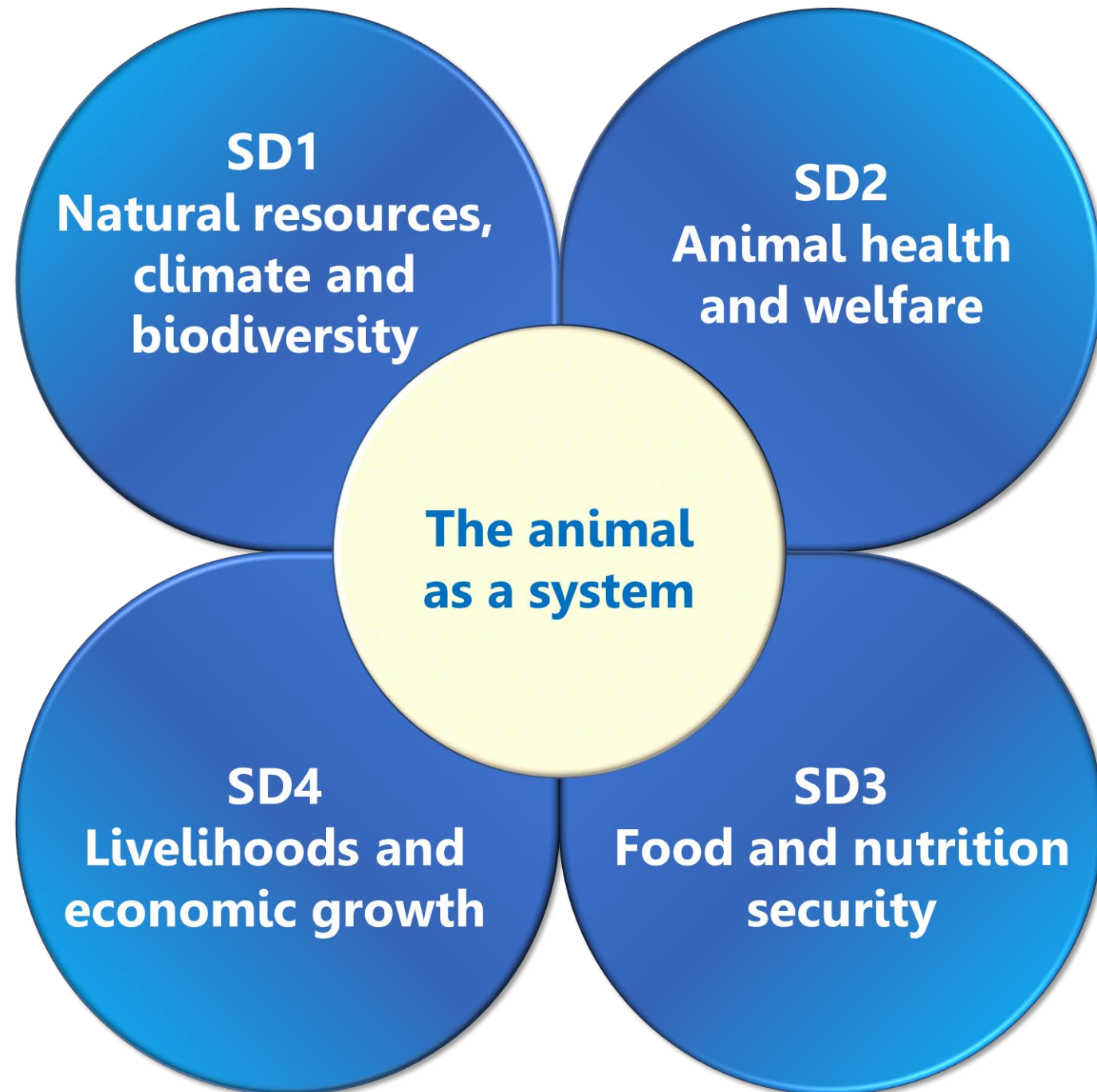
By **responsible livestock** we mean livestock farming in circular and resilient agriculture **ensuring food security while:**

- keeping **resource use within the planetary boundaries,**
- promoting the **provision of ecosystem services and biodiversity,**
- **reducing the negative net environmental impact** associated with that production,
- providing **high welfare standards for livestock and wellbeing for farmers,**
- providing **better human health and well-being,**
- contributing to a **vibrant rural livelihood,**
- **increasing the ability of the sector to withstand** physical or financial shocks.

## Suggested priorities

### *Four sustainability domains and a cross-cutting issue*

These are key interdependent objectives for a just and safe transition of European livestock food and farming systems that merit support from European research and innovation funding



# ATF topic 2024:





# Programme – session 10

- 8:45 **Role of livestock in circular bioeconomy systems**  
By Philippe Becquet, FAO
- 9:15 **Beyond Edibles: Unveiling the Full socio-economic Value of Animal Production through Non-Food Products in Circular Economy Designs**  
By Luigi Cembalo, University of Naples Federico II
- 9:45 **Genetic determinism of quality of lamb leather in Lacaune dairy sheep breed**  
By Laurence Drouilhet, INRAE
- 10:00 **A systemic description of the dairy value chain's contribution to inclusive sustainable development in highland**  
By Andrea Ceppatelli, University of Padova
- 10:15 ***Coffee break***
- 10:45 **What is the performance of a low-input sheep flock integrated into an agroecological field crop system?**  
By Jérôme Boucherot, INRAE
- 11:00 **Livestock manure for fertiliser and biofuels**  
By Henrik Bjarne Møller, Aarhus University
- 11:30 **Cow's Milk – Going beyond basic nutrition to harness functional components**  
By Paul Cotter, Teagasc
- 11:45 **Evolving standards: ethical perspectives on animal welfare in agroecology**  
By Jacopo Goracci, Tenuta di Paganico Farm & Italian Agroforestry Association
- 12:00 **PANEL DISCUSSION**  
with the speakers and the audience
- 12:30 ***Lunch***

# Programme – session 24

- 14:00 **Influence of pastoral management on the conservation of the cultural landscape and biodiversity of mountain pastures**  
By Massimiliano Probo, Agroscope
- 14:30 **Trends in the association of herbivores and pigs in the Massif Central**  
By Christine Roguet, IFIP
- 14:45 **Contribution of livestock in organic agriculture development: a study on nitrogen flows in expansion scenarios in France**  
By Fanny Vergely, INRAE
- 15:00 **The representations and attractiveness of livestock farming professions under the influence of societal issues. The French situation in a European perspective**  
By Anne-Charlotte Dockes, IDELE
- 15:30 **Life cycle and ecosystem services assessments provide opposite evaluations of the food and non-food contributions of livestock farming systems**  
By Frédéric Joly, INRAE
- 15:45 ***Coffee break***
- 16:15 **Beyond the Pigs: Socio-Economic Impacts of African Swine Fever (ASF) on Indigenous Breeds in Bulgaria and Eastern EU**  
By Giorgia Angeloni, IZS delle Venezie
- 16:30 **Biopolymers of animal origin: production, properties and applications**  
By Vitaliy Khutoryanskiy, University of Reading
- 16:45 **Valorization of a waste from food industry: bovine hide to leather**  
By Giacomo Zorzi, UNIC
- 17:00 **Cross-analysis of crop-livestock integration, sustainability and biodiversity on 10 French experimental farms**  
By Gilles Martel, INRAE
- 17:15 **Bee friendly livestock systems**  
By Liza Garcia, University of Florida
- 17:30 **Closing remarks**  
By Frank O'Mara & Michael Lee