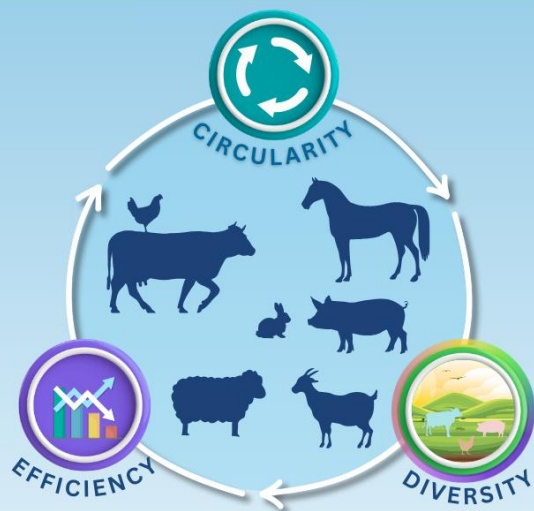


## LIVESTOCK FARMING SYSTEMS IN NEXT GENERATIONS



CAN WE IMAGINE  
THE FUTURE?

**Joint session**  
**of the Animal Task Force & the EAAP**  
**Commission on Livestock Farming Systems:**  
*Livestock farming systems for the next  
generation: can we imagine the future?*

## Welcome & introduction

Frank O'Mara, ATF/Teagasc

Michael Lee, EAAP/Harper Adams University

# Who we are?

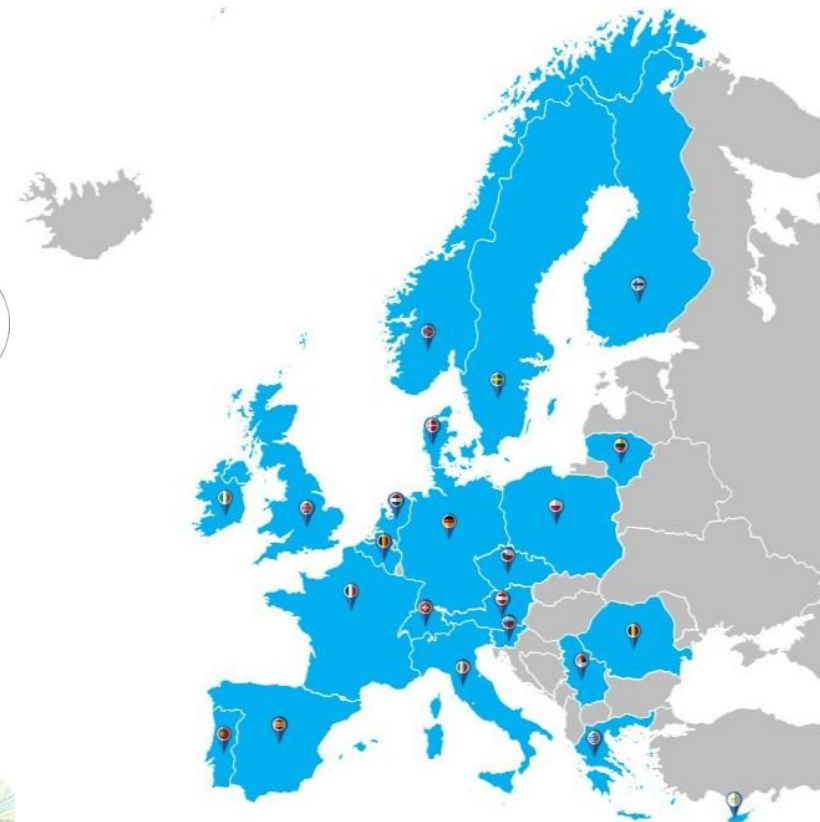
## Private sector organisations



## Knowledge providers



## In close cooperation with

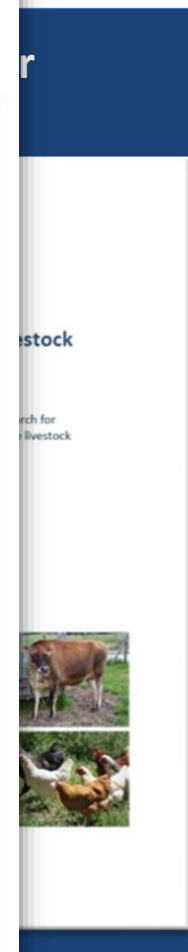
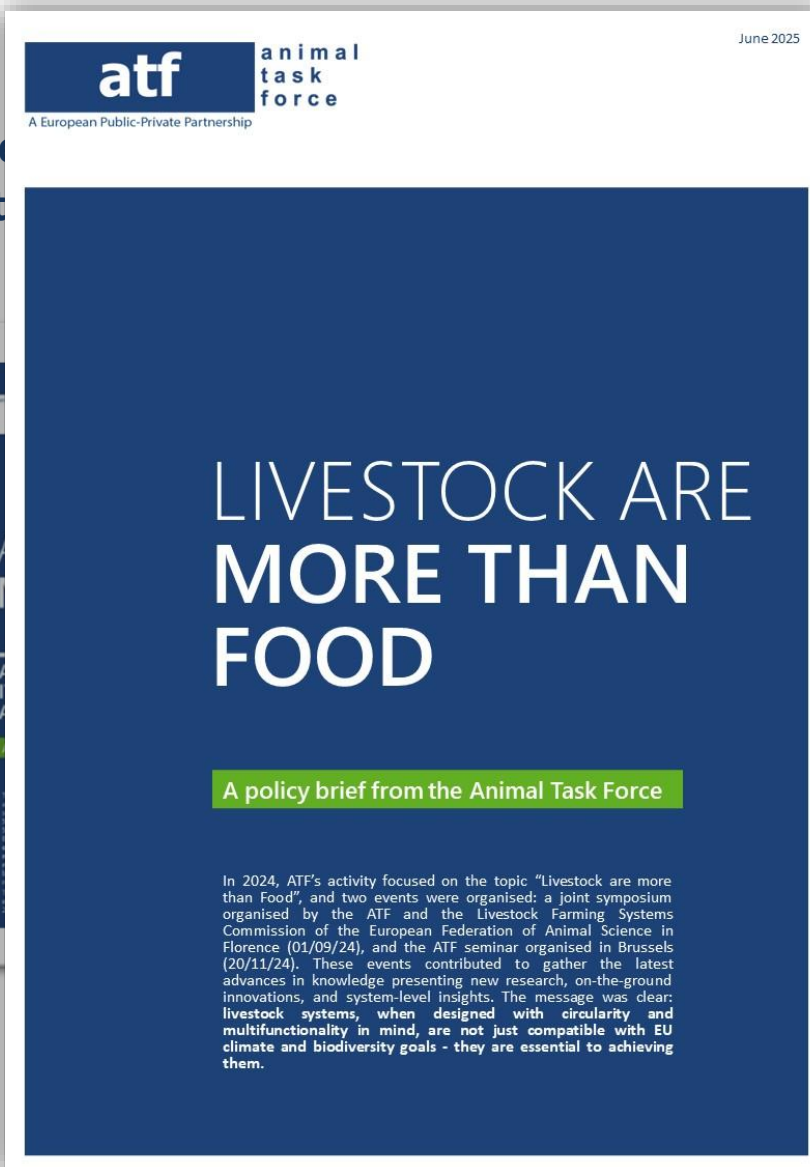


# Input to EU R&I agenda: Horizon Europe

## Policy brief on biodiversity 2021



## Policy brief on Met

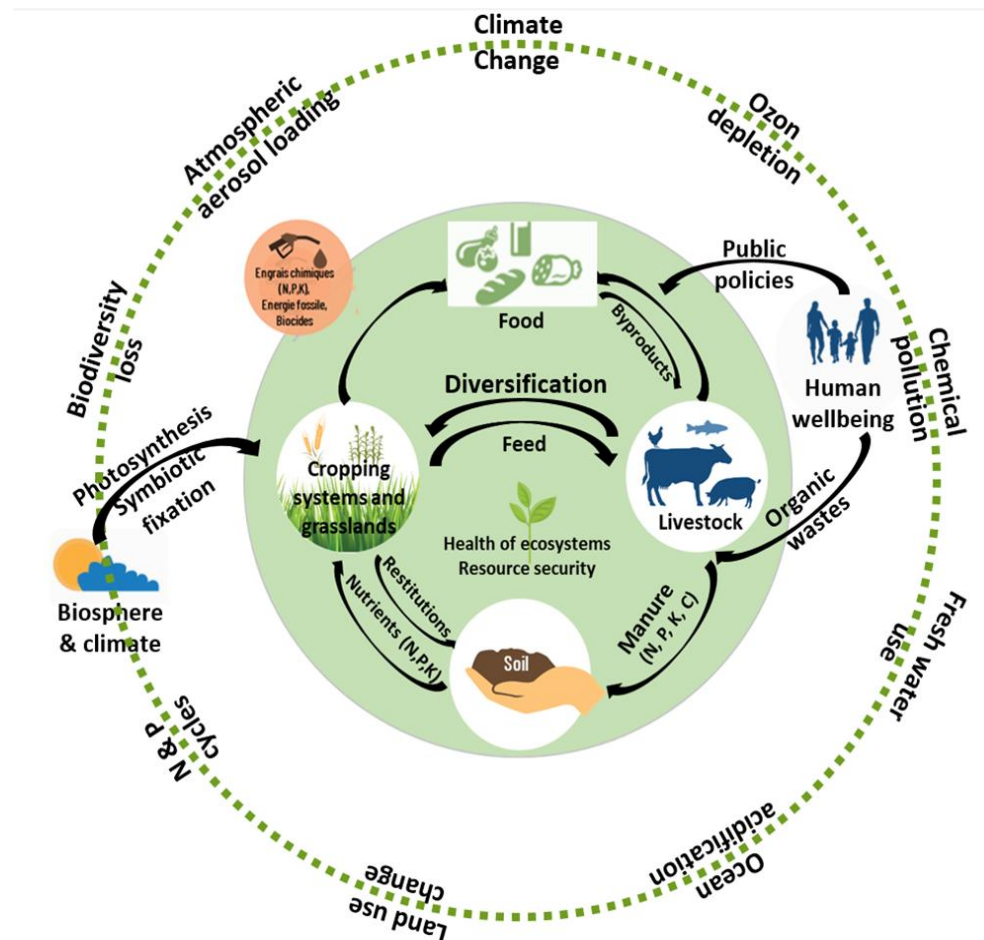
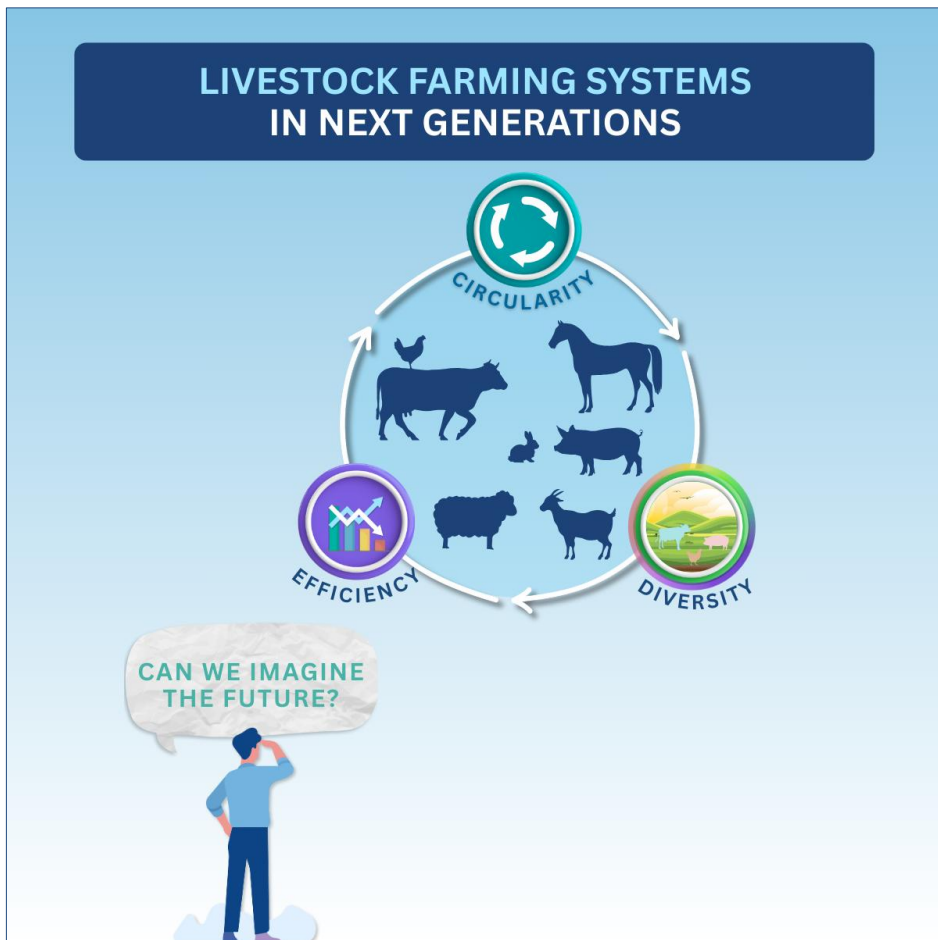


## Strategic Research & Innovation Agenda 2024





# What will be the role of livestock in future farming systems?

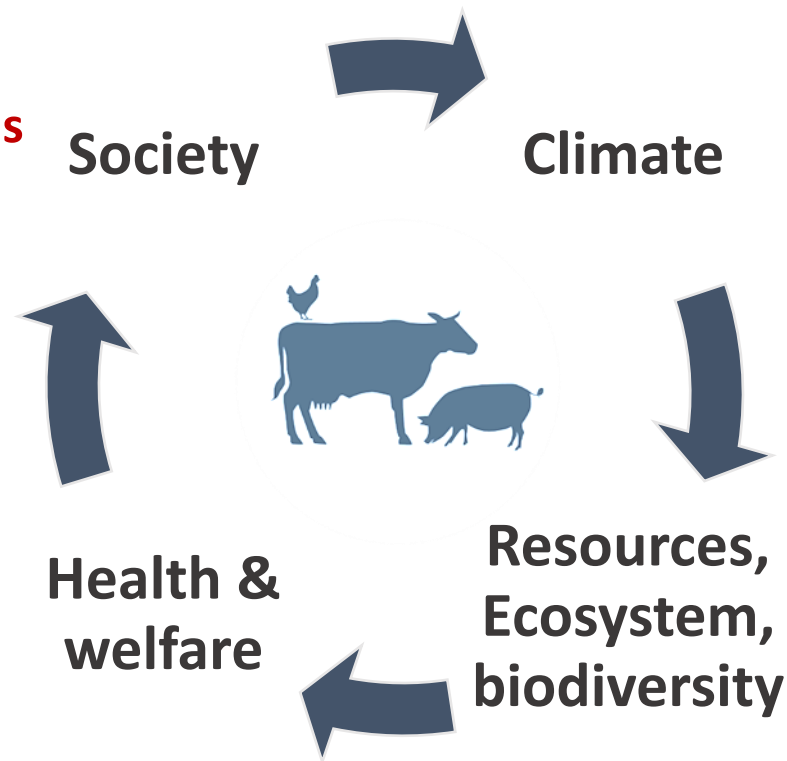


Livestock are an essential component of sustainable and circular agri-food systems

# Challenges and drivers of changes

- Farmer income
- Generation renewal
- Perception of farming systems
- Consumption of ASF
- European economy
- Rural vitality
- Cultural issues
- Landscape preservation

- Animal welfare
- Zoonosis & epizootics
- Antimicrobial resistance
- Consumption of ASF

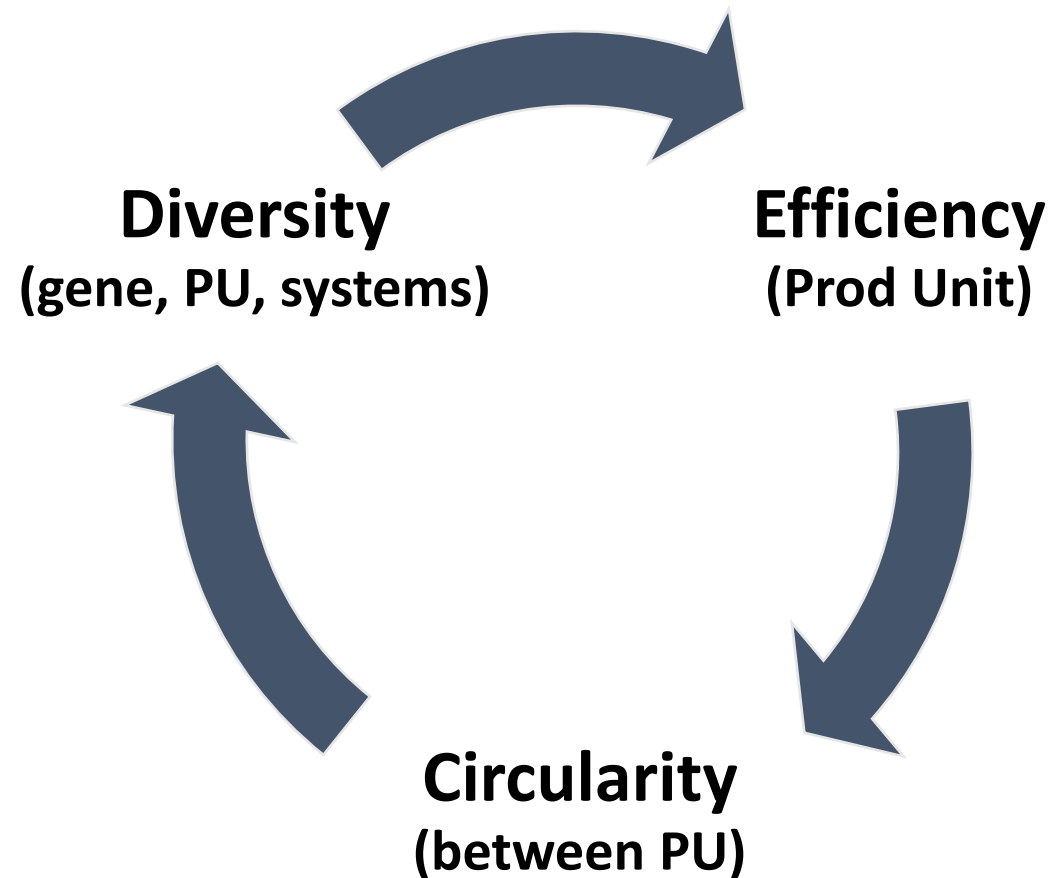


- GHG emission
- Adaptation to climate change
- Soil C sequestration
- Feed/food competition
- Use of biomass, Land & water
- Ecosystem degradation
- Recycling non-edible plant biomass
- Value from non-cropping area
- Landscape management
- Closing nutrient cycle

*Livestock sector should reduce its own impacts ... but it is also part of the solution having positive contributions that should be enhanced.*



## Three pathways of progress



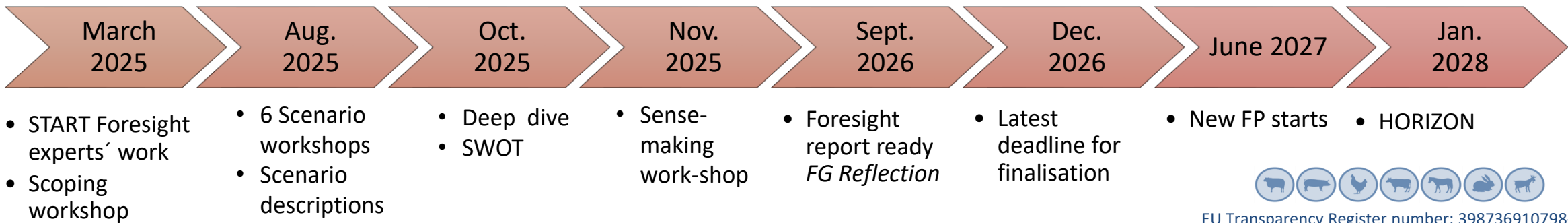
# Working title of the 6<sup>th</sup> SCAR Foresight:

## Sustainable diets, Circularity, Diversity: Pathways in transition for resilient European agriculture and food systems in times of global crises

Explorative scenarios built upon the transition pathways with a deep dive on natural resources - land and water

### Objectives and approaches

- Assessing the state of the 3 transition pathways, *now focus areas*, in the light of new challenges and poly-crises
- Identifying drivers of change and megatrends likely to affect agri-food systems in the next 25 years and assess their potential impact on the 3 pathways/focus areas
- Exploring scenarios for transition and their implications for research policies
- Making a deep dive on land and water



- 13:30 Welcome & introduction**  
By Frank O'Mara, ATF/Teagasc & Michael Lee, EAAP/Harper Adams University
- 13:45 Challenge voice: Thinking the future**  
By Wolfram Simon, WUR
- 14:15 The Future of EU Agriculture and Food: Livestock Sector Perspectives**  
By Pedro Cordero, FEFAC
- 14:45 Towards the design of a Safe and Just Operating Space for European livestock systems (STEP UP Project)**  
By Claire Rogel-Gaillard, INRAE
- 15:00 How animal genetics can help to shape the future of Livestock Farming Systems**  
By Clotilde Patry, ELIANCE & Eli Grindflek, Topigs Norsvin
- 15:15 Coffee break**
- 15:45 How nutrition can help to shape the future of Livestock Farming Systems**  
By David Yáñez-Ruiz, CSIC
- 16:00 Future of Livestock Farming Systems – Health**  
By Charlotte Lauridsen, Aarhus University
- 16:15 Transforming livestock farming for sustainable development**  
By Werner Zollitsch, BOKU
- 16:30 The farmers' perspective on the future of livestock farming systems**  
By Katharina Schobersberger, CEJA
- 16:45 Panel discussion closing remarks**  
By Frank O'Mara, ATF/Teagasc & Michael Lee, EAAP/Harper Adams University  
With speakers and the audience
- 17:30 End of the session**