

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



AARHUS UNIVERSITY

























































In close cooperation with















SUSTAINABLE LIVESTOCK





















Input to EU R&I agenda: Horizon Europe

Policy brief on biodiversity 2021



Policy bri

Met

atf

LIVESTOCK ARE MORE THAN FOOD

stock

A policy brief from the Animal Task Force

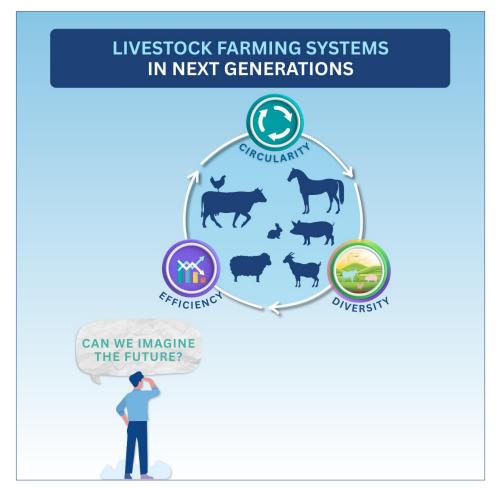
In 2024, ATF's activity focused on the topic "Livestock are more than Food", and two events were organised: a joint symposium organised by the ATF and the Livestock Farming Systems Commission of the European Federation of Animal Science in Florence (01/09/24), and the ATF seminar organised in Brussels (20/11/24). These events contributed to gather the latest advances in knowledge presenting new research, on-the-ground innovations, and system-level insights. The message was clear: livestock systems, when designed with circularity and multifunctionality in mind, are not just compatible with EU climate and biodiversity goals - they are essential to achieving them.

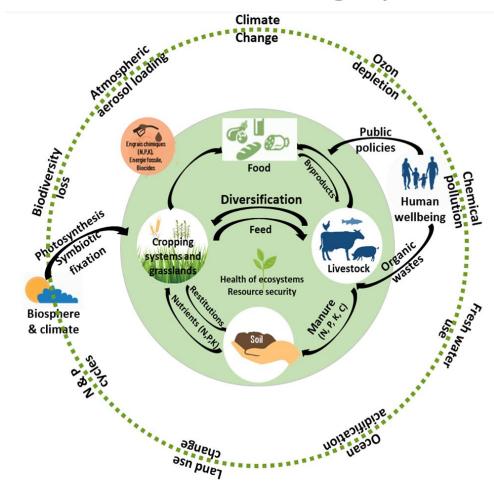






What will be the role of livestock in future farming systems?





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



Health & welfare



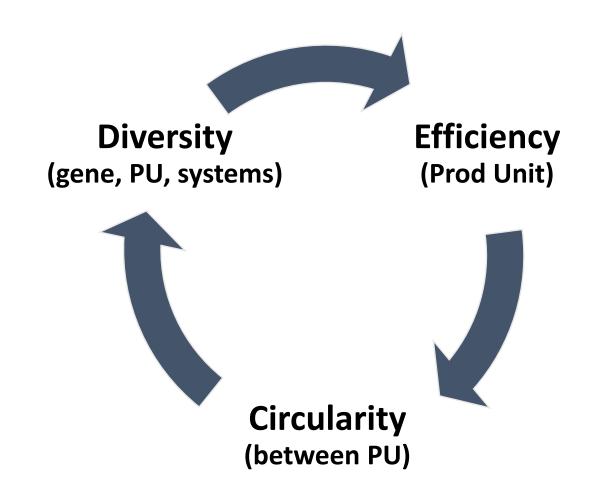
- Feed/food competition
- Use of biomass, Land & water
- Ecosystem degradation
- Recycling non-edible plant biomass
- Value from non-cropping area
- Landscape management
- Closing nutrient cycle

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 6th 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





- experts' work
- Scoping workshop

- workshops
- Scenario descriptions
- SWOT
- making work-shop
- report ready FG Reflection
- deadline for finalisation





Programme – session 14





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
<i>15:15</i>	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
<i>17:30</i>	End of the session