



THE GLOBAL STANDARD  
FOR LIVESTOCK DATA

**Open meeting**  
**ICAR Feed & Gas Working Group**  
**Global Methane Genetics – Global Methane Hub**

21 May 2024

Ana Granados Chapatte

European Animal Breeders (EFFAB & FABRE TP)

&

Animal Task Force (ATF)



**EFFAB**  
European Forum of  
Farm Animal Breeders



# Who we are

## European Organisations representing the sector



A European Public-Private Partnership

Promoting R&I in terrestrial livestock



**EFFAB**  
European Forum of Farm Animal Breeders

Voice of Animal Breeders



Promoting R&I in Animal Breeding, Genetics & Reproduction

### Industry & farmers representative organisations



### Knowledge providers



### Partners



# ATF Presidency & Secretariat



- **Frank O'Mara – President** (Director of TEAGASC)



- **Giuseppe Bee, Vice president of research organisations** (Head of the Swine Research Unit of Agroscope, Switzerland)



- **Ana Granados-Chapatte, vice president of private sector organisations –** (General Secretary EFFAB-FABRE-TP)



- **Ana Sofia Santos – Secretary General** (starting 01 May)
- **Susana De Magalhaes – Assistant to Secretary General**



# What do we do?

## Providing input for EU research and innovation agendas

Members  
(Research &  
private  
sector)

Engaging in dialogue on sector innovation with key stakeholders in EU

EU  
authorities  
NGOs and  
stakeholders

Enhancing cooperation in EU research & innovation

Enabling knowledge exchange and act as a source of expertise

## ATF Missions: engaging in dialogue and promoting R&I in the livestock sector



2020 : *What livestock has to offer to biodiversity and healthy soils*

2021: *Beyond feed vs food competition: crops and animals together to address food and nutrition security*



2022 : *Livestock emissions and the COP26 targets*

2023 : *'Sustainable livestock systems' – what does that mean?*



2024 : *Livestock are more than food*





## 2022 : Livestock emissions and the COP26 targets

Explore the topic through  
One-day symposium at EAAP  
(in collaboration with LFS  
Study Commission)

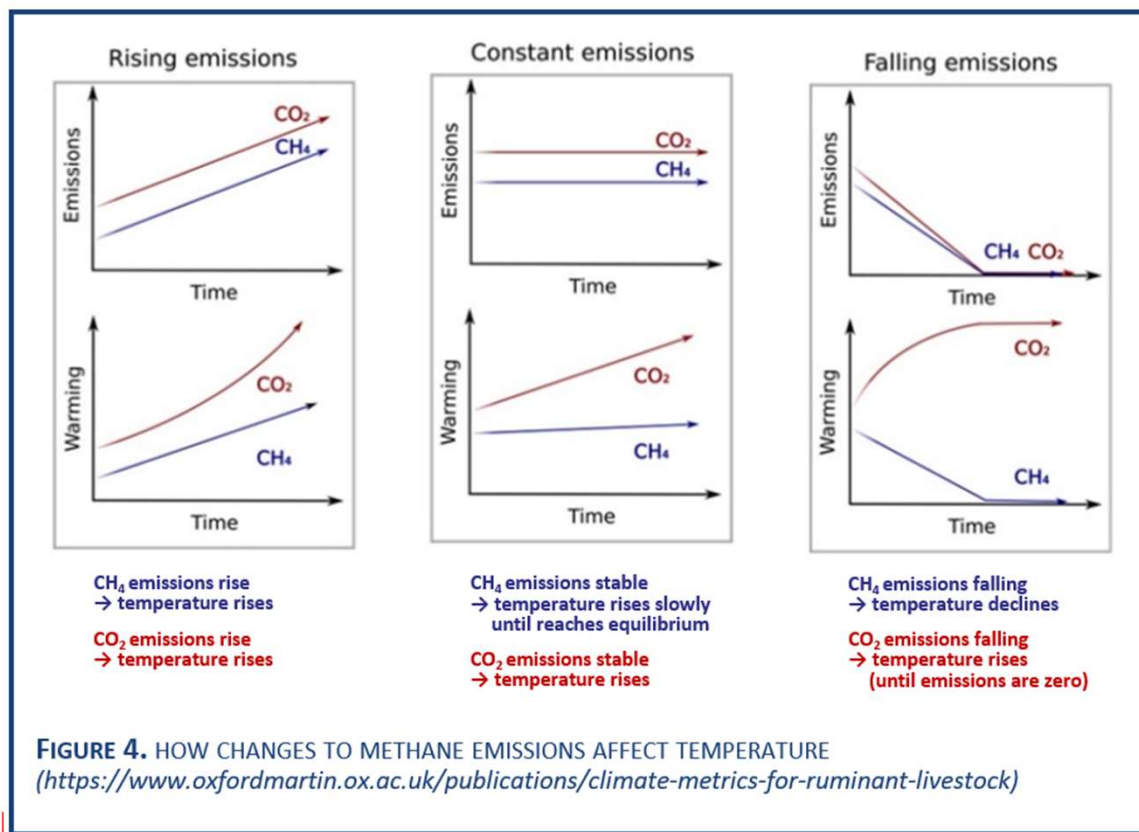
Disseminate the knowledge to  
policy makers and stakeholders  
in Brussels (Nov 2022)

- the role of methane
- the different metrics to measure emissions
- mitigation levers at various scales

- Decision-making with impacts on the livestock sector
- Tools to mitigate
- How to implement them



# Why does CO<sub>2</sub> need to get to net zero while methane doesn't?



Methane has a short half life whereas CO<sub>2</sub> remains in the atmosphere for a very long time

If methane emissions fall by 3% per decade, its impact on warming is roughly constant

## ATF Mission: delivering knowledge and expertise

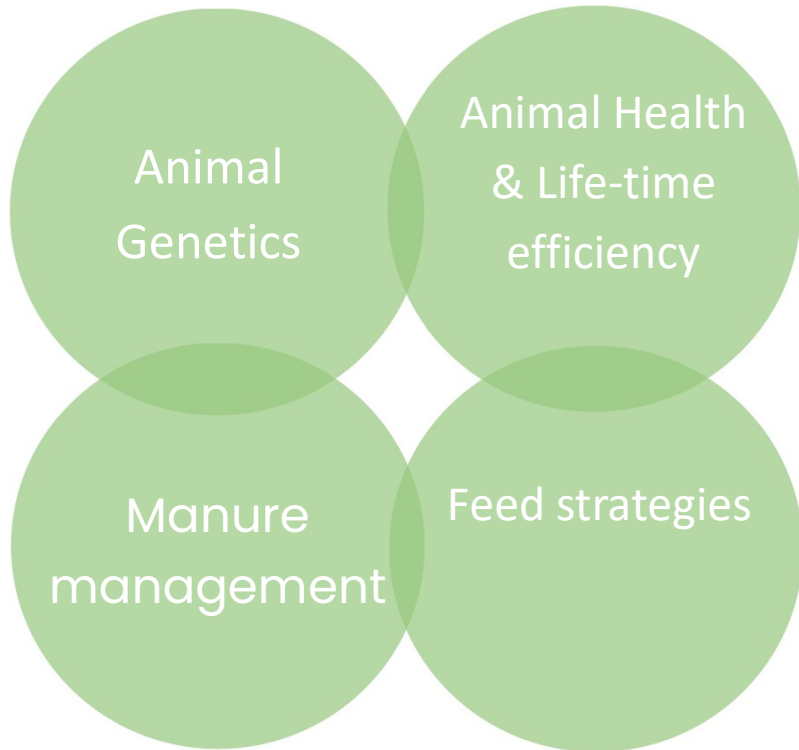


- **Methane from energy should be tackled first** – can be cut the quickest and with least cost (EU Methane Strategy)
- Minimising **biodegradable waste** going into landfill should be a priority
- Agricultural emissions should be **reduced as much as possible**, but some methane emissions from livestock are unavoidable (unique ability to convert fibre to food)





## Mitigation tools



### RECOMMENDATIONS :

- Need of **appropriate target** for Agri CH4 (Policy level)
- Communicate; **we can we deliver results** (Breeders and farmers level)
- Developing and deploying methane **mitigation tools** needs correct support on Research and Innovation (Policy, breeders and farmers)

## Take home messages

- **Appropriate target for CH<sub>4</sub>**
- **Animal genetics** is an important mitigation tool for reducing it, as part of **balanced and responsible breeding**
- Animal genetics is cumulative and permanent
- **Need to join forces on:**

Communication

Research

Implementation



Questions?  
**THANK YOU**



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