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)
Who we are

Promoting R&I in terrestrial livestock

Voice of Animal Breeders

Promoting R&I in Animal Breeding, Genetics & Reproduction
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
- 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
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)

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

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

- Decision-making with impacts on the livestock sector
- Tools to mitigate
- How to implement them
Why does CO$_2$ need to get to net zero while methane doesn’t?

Methane has a short half life whereas CO$_2$ 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$_4$

- **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:
Questions?

THANK YOU

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