

GOAL
Sciences



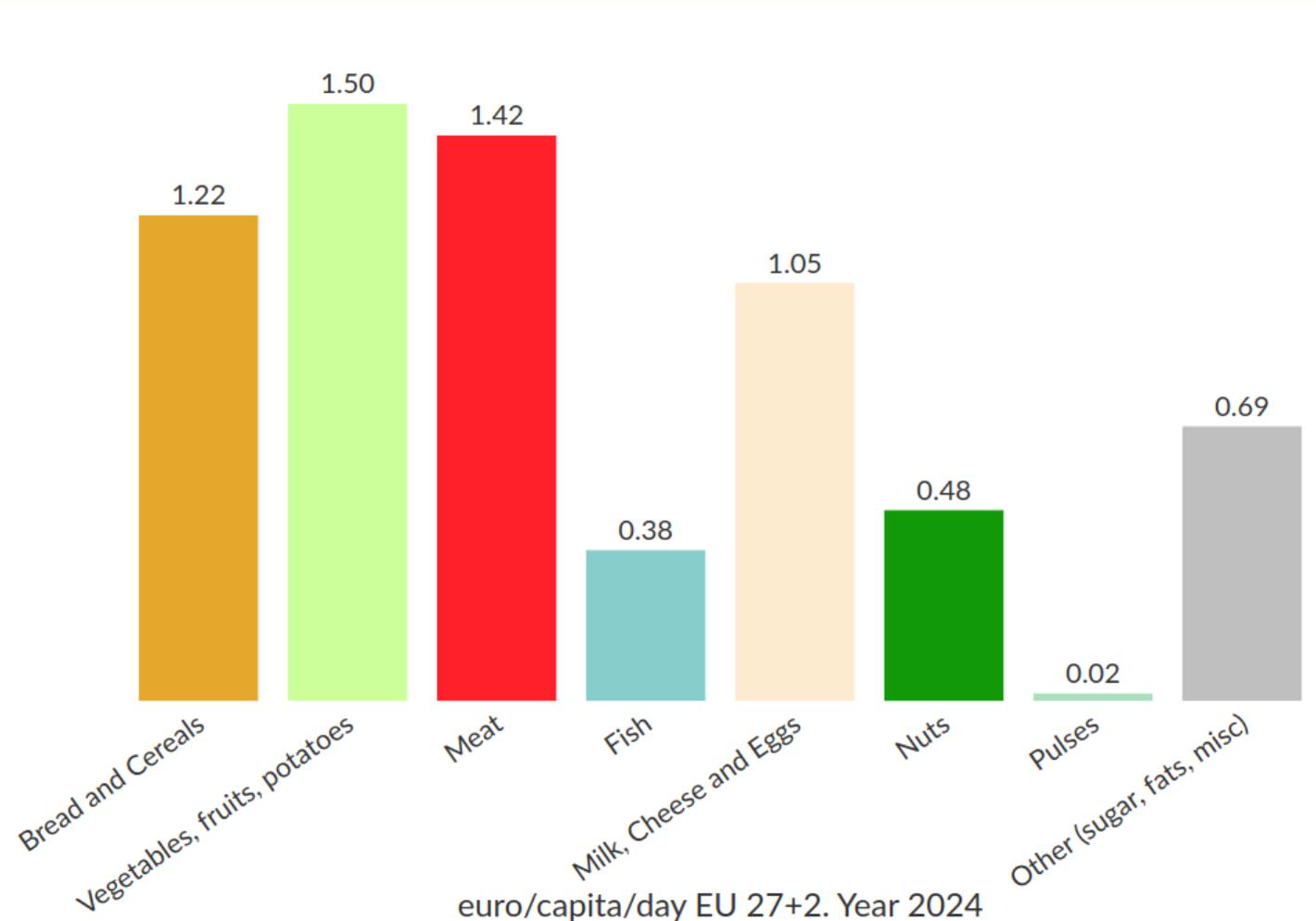
Cows, Milk and Climate

Strasbourg, 12 February 2026

EU 27+2 citizens spend € 7.50 per day per capita on household food, 38% of which on animal-sourced foods*

* PPP-adj 2020; away from home consumption: ca + 20%

Source:
GOALSciences analyses on the basis of Eurostat data
https://ec.europa.eu/eurostat/databrowser/view/prc_ppp_ind_custom_18413249/default/table?lang=en



Animal-sourced foods (ASF) are essential for protein supply in European diets

Source:
GOALSciences analyses on
the basis of FAOStat data:
<https://goalsciences.org/food-system-explorer/world-map>



Protein Composition in g/day per person, food available as per FAO, Germany 2022

Products:

- Other
- Starchy staples
- Pulses and nuts
- Fruits and Vegetables
- Fish
- Chicken eggs
- Milk and cheese
- Other Meat and Offals
- Poultry meat
- Pork meat
- Beef meat



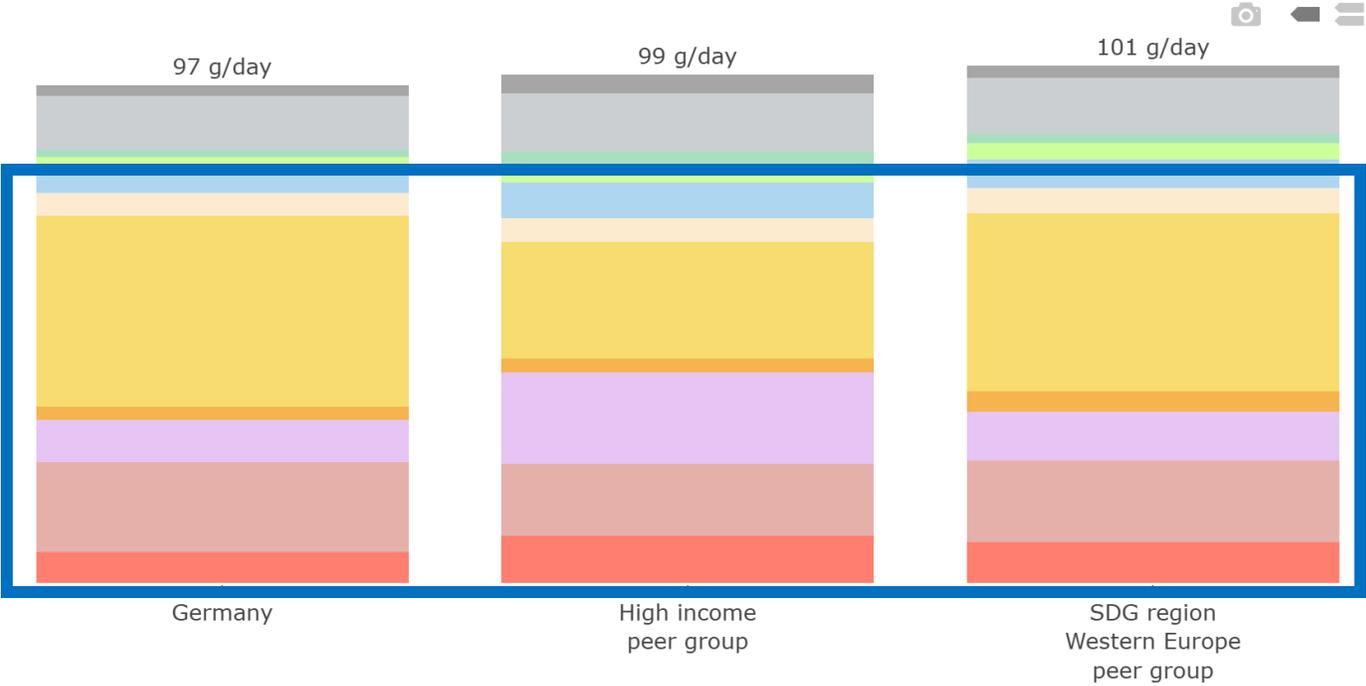
On a bio-available basis – more than 80% of proteins are derived from ASF

Source:
GOALSciences analyses on
the basis of FAOStat data:
<https://goalsciences.org/food-system-explorer/world-map>

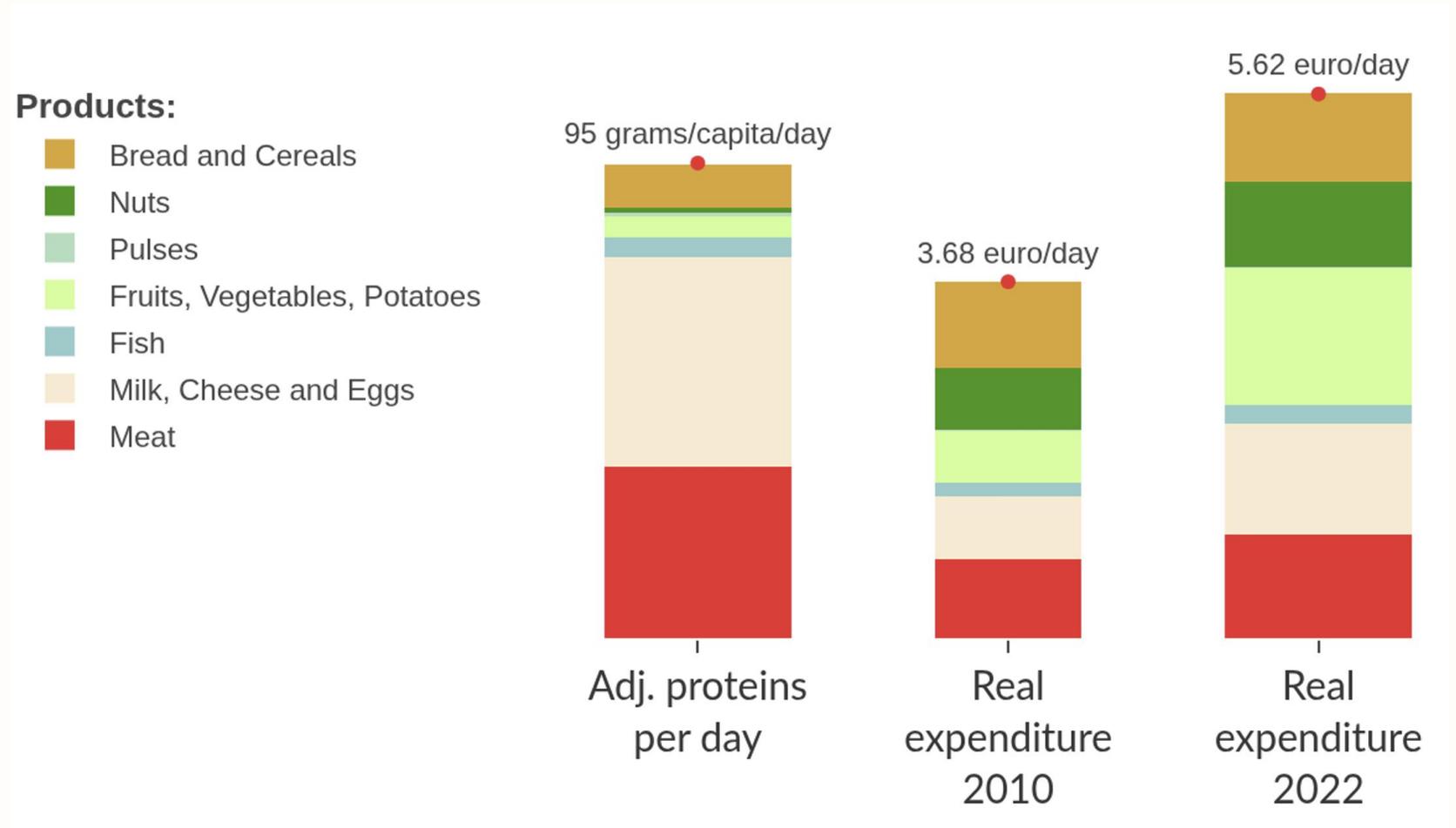


Adjusted Protein Composition in g/day per person, food available as per FAO, Germany 2022

- Products:**
- Other
 - Starchy staples
 - Pulses and nuts
 - Fruits and Vegetables
 - Fish
 - Chicken eggs
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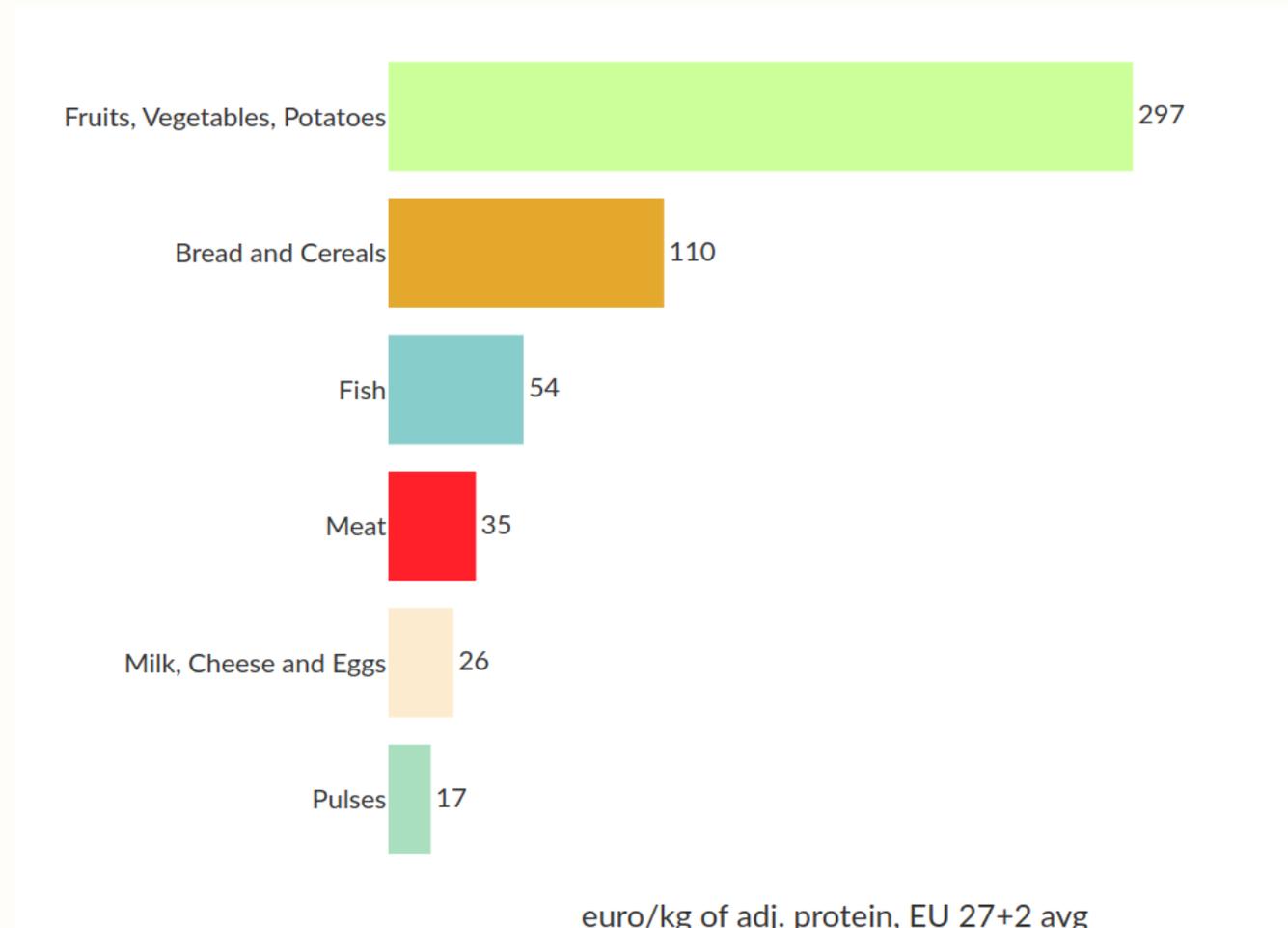
The bioavailable protein supply costs €5.62 per day per capita (in Germany)



Source:
GOALSciences analyses on
the basis of the same
Eurostat and FAOStat data

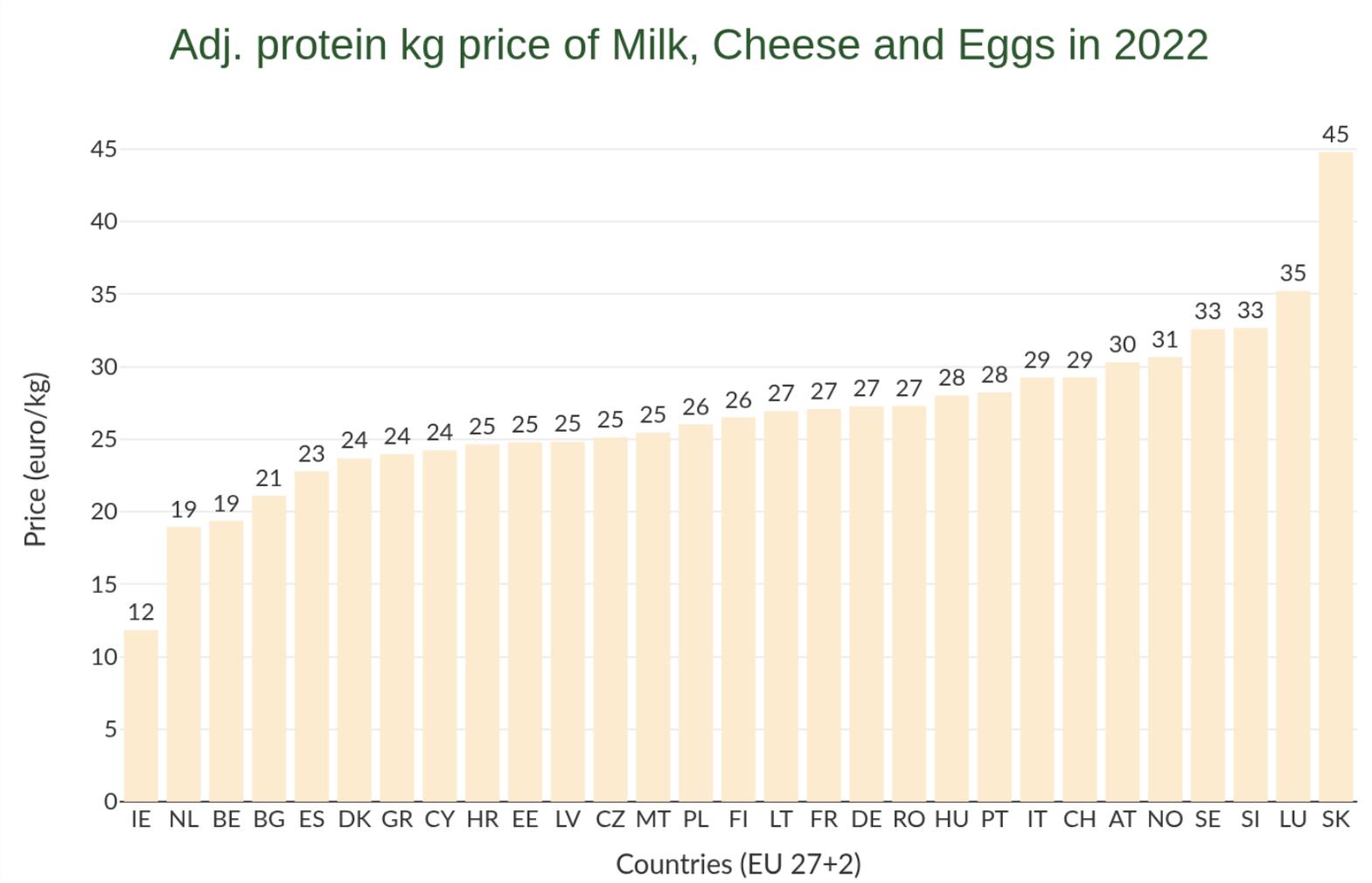
ASF are (almost) the most affordable source of protein for European citizens: fruits and vegetables are 10x more expensive per unit of protein

Source:
GOALSciences analyses on
the basis of the same
Eurostat and FAOStat data



Besides a few outliers on the extremes, prices for dairy are relatively uniform across, at around € 25 per kg bioavailable (adj) protein

Source:
GOALSciences analyses on
the basis of the same
Eurostat and FAOStat data



Our report with more details of this analysis, will be made available at the Sustainable Livestock Intergroup channels shortly



Guide for Professionals to Complete Human Nourishment



NOVEMBER 2025

By:

Prof Dr Peer Ederer, Prof Dr Frederic Leroy and Prof Dr Alice Stanton

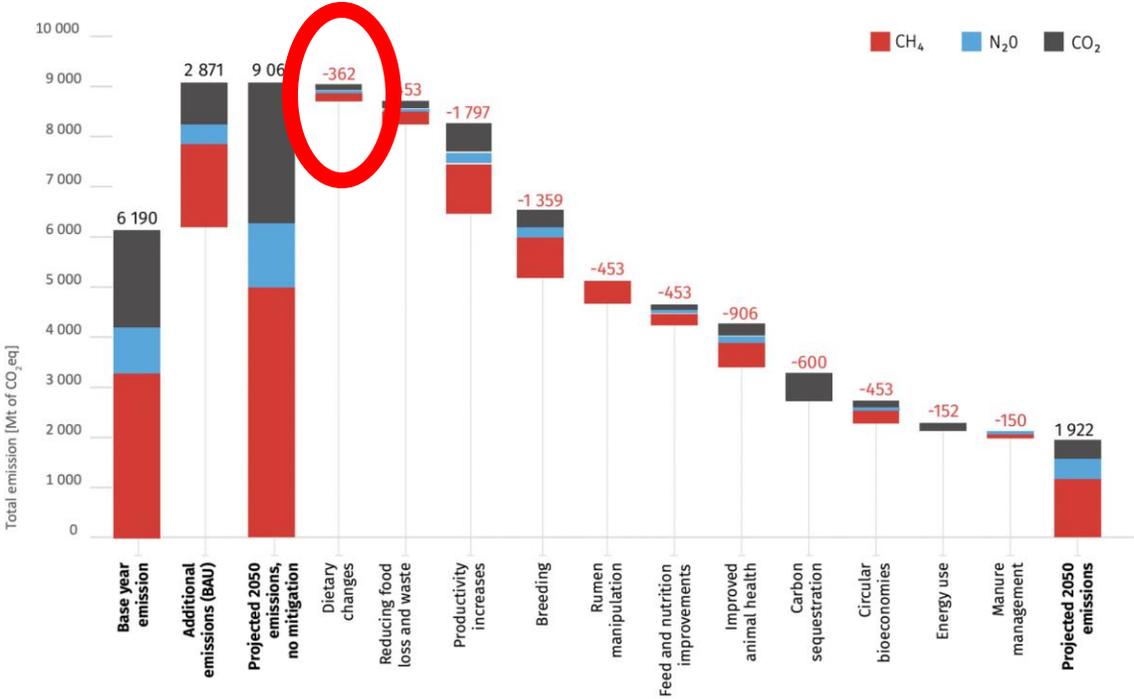
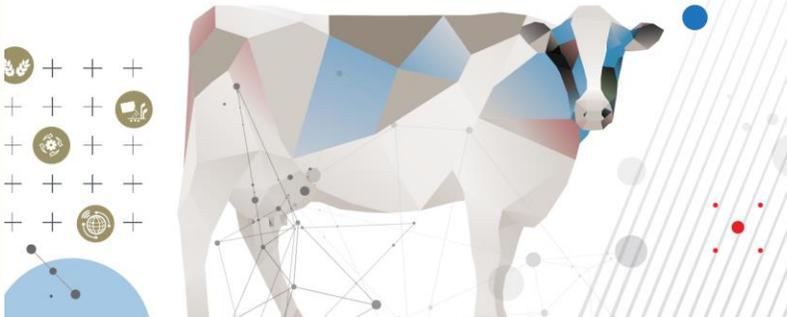
As members of the Working Group "Human nutrition and consumer communication" of the Advisory Group for the "Sustainable Livestock Intergroup" of the European Union Parliament

FAO: Dietary change is NOT a driver for climate protection



Pathways towards lower emissions

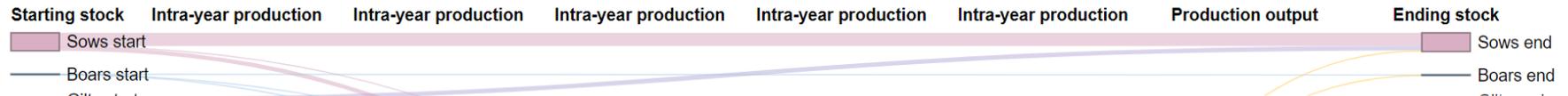
A global assessment of the greenhouse gas emissions and mitigation systems from livestock agrifood systems



PLANET V 2.1/World Map/World/Total Biomass production (kilotons)/All biomass/2020

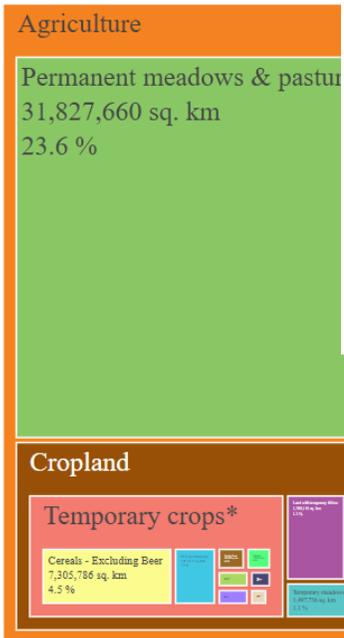


PLANET V 2.0/Herd Structure/World/Pigs/2020/All production systems



PLANET V

Total area



PLANET V 2.1/FAO Syn - all biomass/World/2020

25 px ~ 2,009,270 kilotons (kt) mass pa Click on bold for zoom More info Mouseover for values

