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Towards sustainable livestock systems: EU policies and R&I activities

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Livestock in economic terms (2017)

Total agricultural value
40%

Farms employees
4 million people



Annual Turnover
400 billion EUR

EU livestock Farms
58%

Challenges to the livestock farming system

- **Environment (climate, air, soil & water, biodiversity...)**
- **Social (human health, animal welfare...)**
- **Economic (just transition, fairer income...)**

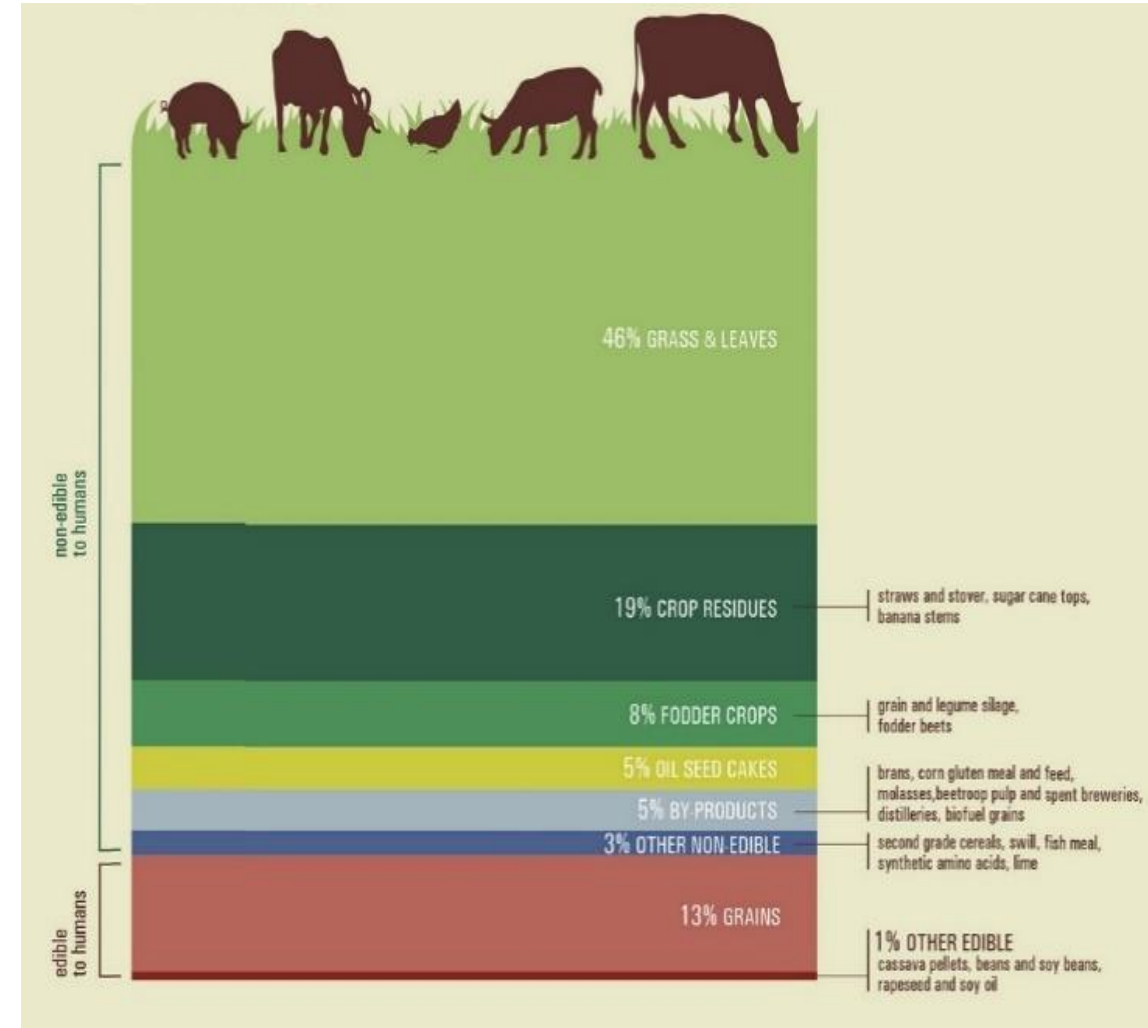




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Livestock positive externalities

- Animals **convert nonedible biomass** into highly nutritious food for humans.).
- Livestock farming produces food on **57% of land that cannot be used for crops.**
- Livestock farming ensures rural vitality in regions where it is the **only sustainable economic activity.**
- Animal by-products provide **raw material** for hundreds of different products





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Actions for sustainable livestock production



Methane Strategy (October 2020)

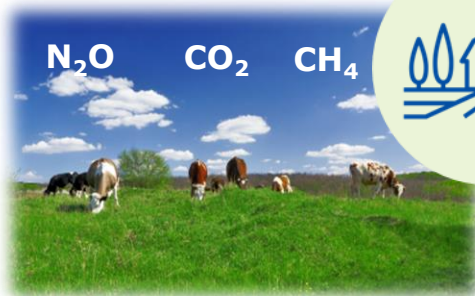
Organic Action Plan (March 2021)

Zero Pollution Action Plan (May 2021)

Legislative initiatives to enhance cooperation of primary producers (support position in food chain) (2021-22)



Proposal for a revision of the feed additives Regulation to reduce the environmental impact of livestock farming (2021)



Action plan for integrated nutrient management to reduce the pollution from fertilisers (2021)



Proposal for a revision of the existing animal welfare legislation, including on transport and slaughter (2023)

Revision of **Sustainable Use of Pesticides Directive** and enhancement of IPM (2022)

+ others



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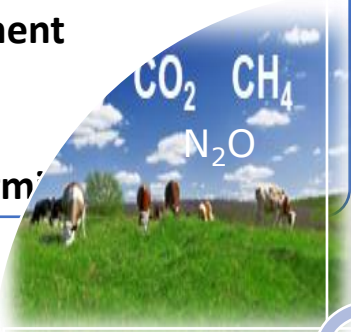
AIR QUALITY

GHG BALANCE

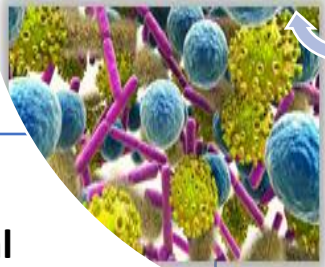
EU strategies & targets

- Green Deal / Farm to Fork Strategy / Biodiversity Strategy / Methane Strategy / Circular Economy Action Plan
- Zero Pollution Action Plan
- EU Climate Law
- Nitrate Directive
- Organic Action Plan

- Grazing management
- Improved pastures
- Mixed farming



- Animal breeding, genetics, genomics



- Microbial ecosystems



- Nutrition
- Feeding strategies

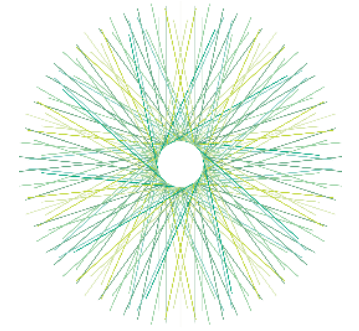
- Animal Health & Welfare

SOIL QUALITY

WATER QUALITY

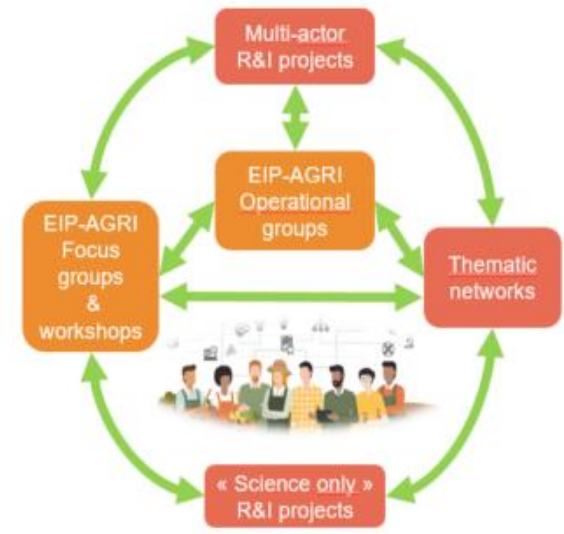
R&I as key enablers

CAP



eip-agri
AGRICULTURE & INNOVATION

Horizon 2020
Horizon Europe





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Horizon Europe: instruments to power the transition

Missions



Achieving goals



Partnerships

Calls for collaborative projects



Agroecology living labs and research infrastructures



Animal health and welfare



Agriculture of data



Safe and sustainable food systems





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So much more than food...

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