



Livestock are more than food

Carlos MARTÍN ÓVILO – DG AGRI E3 Animal Products

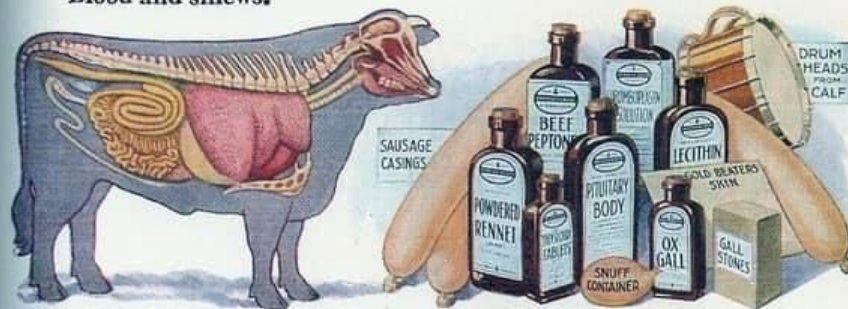
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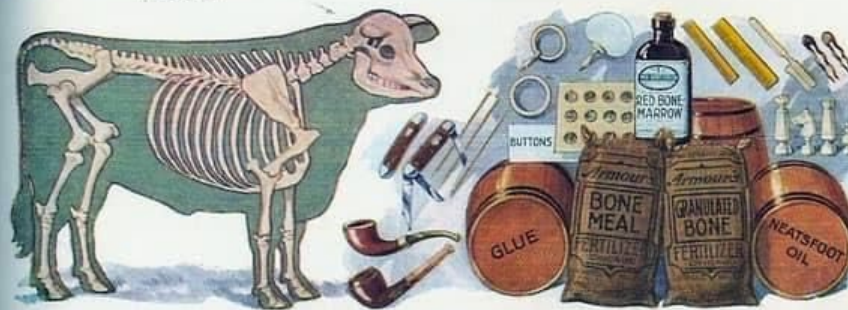
Hide and hair.



Blood and sinews.



Viscera.

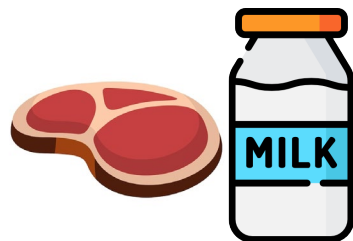
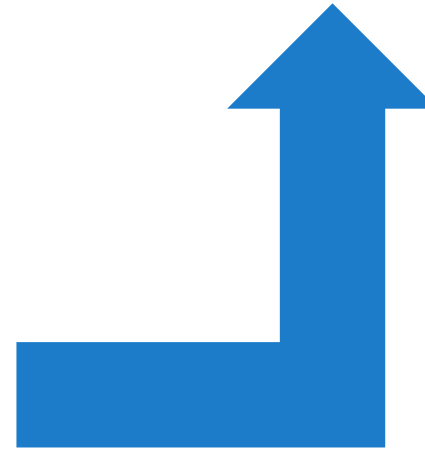
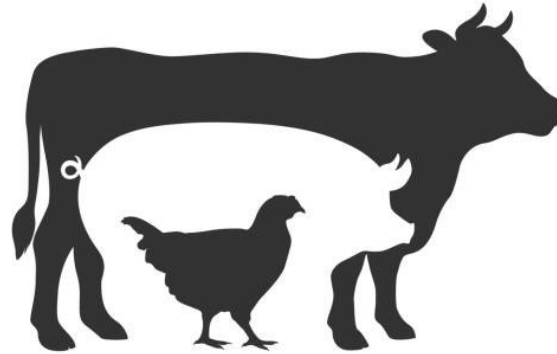
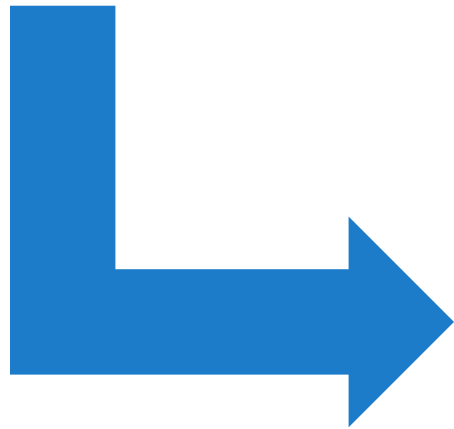


Bone.

Fig. 70. Various by-products of cattle. (Courtesy of Armour and Company.)

Feed (protein)
Water
Land

GHG
Pollution



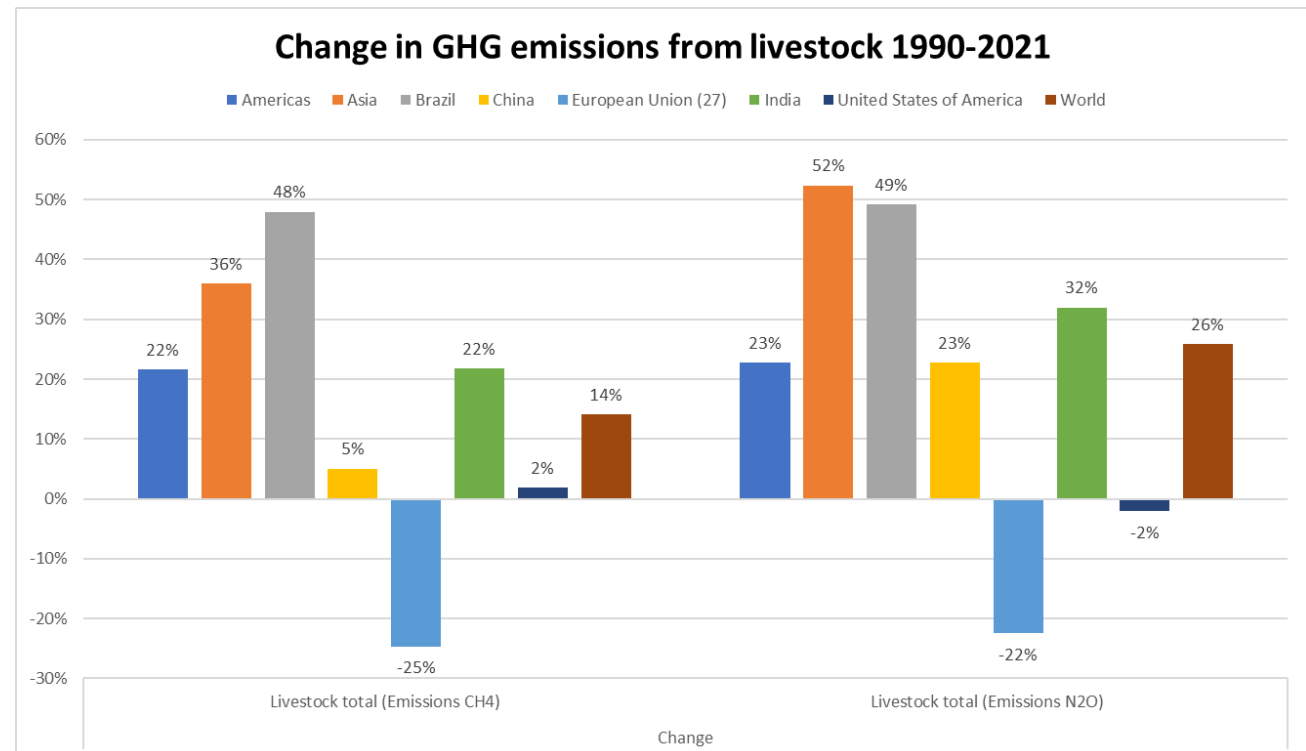
Animals **convert nonedible biomass** into highly nutritious food for humans.

At world level, only **14%** of dry matter ingested by livestock is edible to humans (**86% is grass and crop residues**).

Livestock farming produces food on **57% of land that cannot be used for crops** (marginal land).

EU livestock **GHG emissions decreased by 23%** from 1990 to 2021.

Based on national projections, an EU-level decline of **4% is expected by 2030** compared with 2005 levels. If currently planned additional measures are implemented, an **8% reduction** is expected.



'Externalities'

Social:

Maintaining social fabric in **rural areas**

Livestock farms employ around **4 million people** in the EU

European industries linked to animal production (milk and meat processing, feed for livestock) have an annual turnover of approximately EUR **400 billion**

Environmental:

Extensive pasture-based systems have a proven significant potential in terms of **carbon sequestration**.

Livestock is a potential source of **renewable energy and organic fertilization**

Livestock, especially grazing ruminants, can have a positive impact on **biodiversity**, by providing wildlife habitats for species of flora and fauna that are specific to grassland ecosystems

Permanent meadow and pasture contribute favorably to maintaining **landscapes**, prevention of forest **fires**, limiting the impact of **floods** and prevents **soil erosion**.



Hide and hair.



Hide and hair.



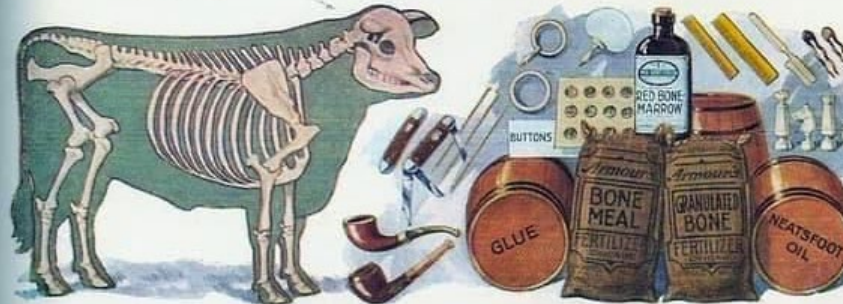
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IT	11 700
FR	10 000
IE	8 000
PT	5 075
HR	831
AT	796
LT	200



Blood and sinews.



Viscera.



Bone.

Fig. 70. Various by-products of cattle. (Courtesy of Armour and Company.)

Feed

PAPs

- Fish feed
- Animal feed
- Pet food

Fat

Energy

Solid Fuel

Liquid Fuel

Fertiliser

Phosphorus

Nitrogen

Source: EFPRA



Source: COTANCE

COMPANIES

TURNOVER (€M)

EMPLOYEES

CONFIDENTIAL



Policy framework

Agro-ecology

Low intensity **grass-based** livestock system

Mixed species/diverse sward of permanent grassland for **biodiversity** purpose (pollination, birds, game feedstocks)

Providing access to pastures and increasing **grazing** period for grazing animals

Agro-forestry

Establishment and maintenance of **landscape** features above conditionality

Management and cutting plan of **landscape** features

Establishment and maintenance of high-**biodiversity** silvo-pastoral systems

Carbon farming

Establishment and maintenance of permanent **grassland**

Extensive use of permanent **grassland**

Policy framework



<https://eu-cap-network.ec.europa.eu/projects/search>

IMPROVING THE MANAGEMENT, VALORIZATION AND COMMERCIALIZATION OF LIVESTOCK SUBPRODUCTS THROUGH INNOVATION

Improvement and disclosure of efficient techniques for manure management towards a circular and sustainable agriculture

Maximum usage of animal-derived blood and its ingredients in small businesses

2017-002 - VALORIZATION OF LATXA SHEEP'S WOOL

Development of a sustainable value chain for Dutch wool

Genomics and ICT applied to the classification of fiber to increase the commercial value of wool produced and marketed in the cooperative environment

Biological leather

Policy framework

Textiles Ecosystem – TCLF (Textiles, clothing, leather and footwear) industries – DG Internal Market, Industry, Entrepreneurship and SMEs

https://single-market-economy.ec.europa.eu/sectors/textiles-ecosystem_en

EU Strategy for Sustainable and Circular Textiles

Textiles Ecosystem Transition Pathway

Textile Labelling Regulation

European standards for leather and textiles and clothing

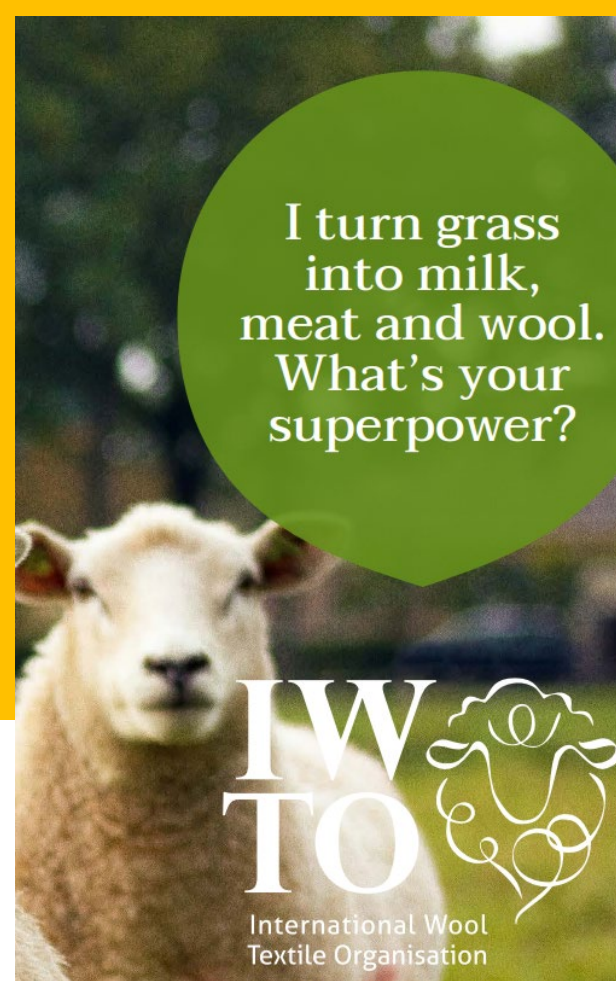
EU rules on fur

Animal by-products – DG Health and Food Safety

https://food.ec.europa.eu/food-safety/animal-products_en

Framework on handling, collecting, processing and trading of animal by-products

Thank you



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