



LIVESTOCK CULTURAL AND TERRITORIAL VITALITY SERVICES ARE KEY TO UNLOCK THE AGROECOLOGICAL TRANSITION



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Cultural and territorial vitality services are largely ignored for the transition of LFS toward agroecology...

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Conceptual framework

Material & Methods

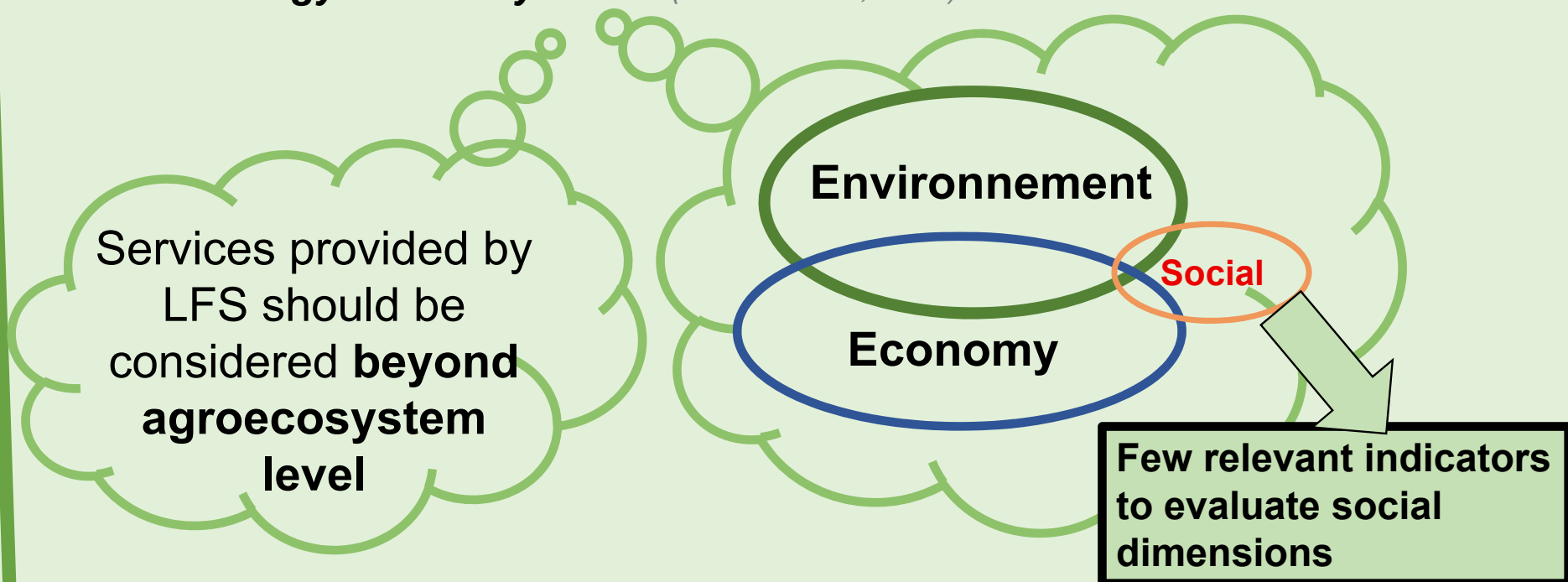
Main Results

Discussion

Conclusion

Agroecology?

From the « *Application of ecology in agriculture* » (Gliessmann, 1998) to the « *Ecology of food system* » (Francis et al., 2003)





Conceptual framework to consider cultural and vitality services provided by livestock

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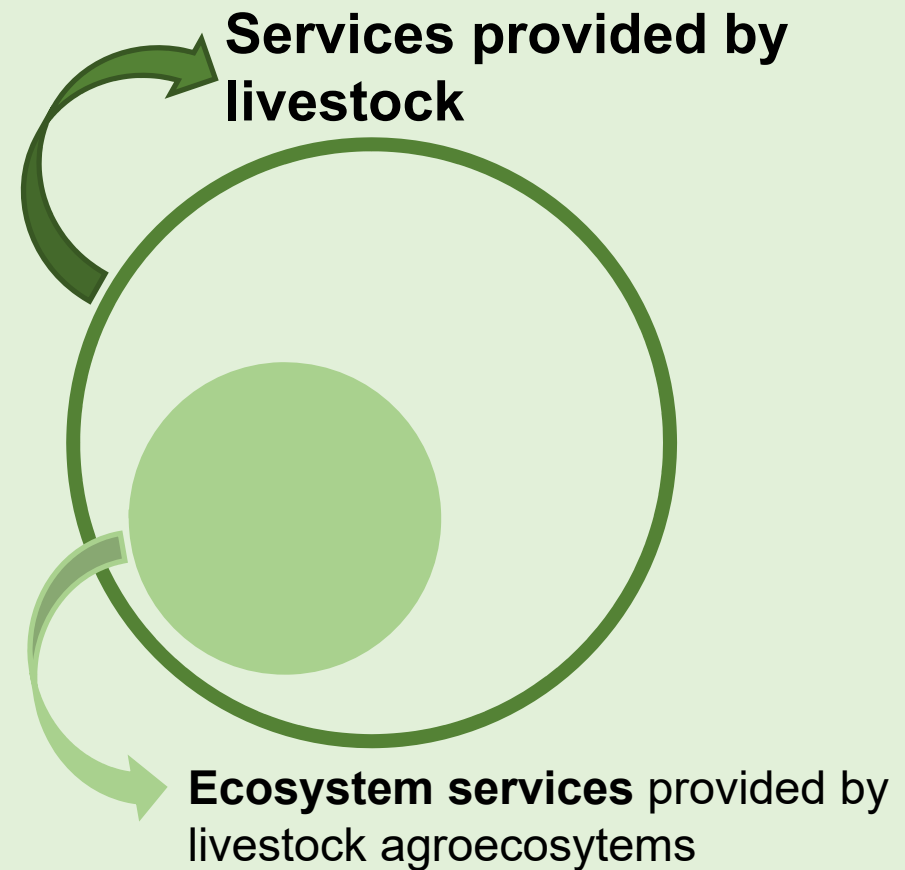
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Services provided by livestock as:

- « **All positive contributions provided by livestock to society** »
(Ryschawy et al., 2015)
- « **from the farm up to the territorial level** »





Objective of the study

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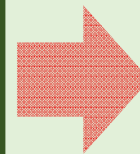
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Provisioning

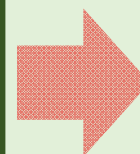
Cultural



Moral, esthetic, spiritual, identity and educative contributions of livestock in territories

Environmental-quality

Territorial vitality



Economic and social contributions allowing to maintain a « rural life » through livestock in territories

Take into account cultural and territorial vitality services to favour the agroecological transition of livestock farming systems (LFS)



Two contrasted French regions

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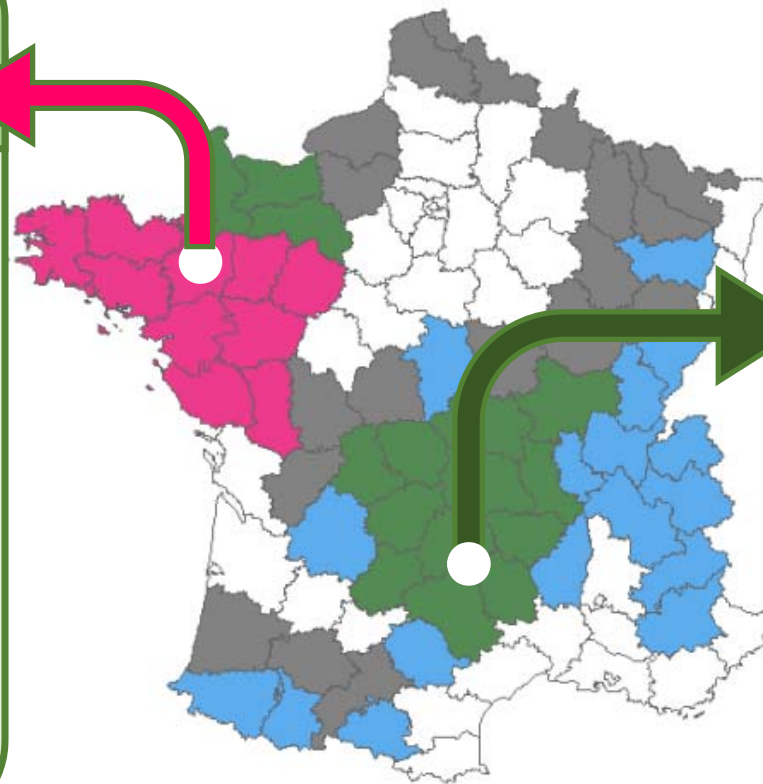
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Pays de Rennes

Periurban area
High diversity of
LFS
(dairy/beef/pig/poultry)

High level of
provisioning and
vitality services



Aubrac

Unfavoured area
Oriented toward
cattle production
Environmental-
friendly and
quality-labeled
products

(Ryschawy et al., 2015)



Applying a qualitative methodology

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**20 semi-structured
interviews
on each territory**

**An inductive
content analysis**



Aubrac: A local synergy between cultural and vitality services

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Agritourism

Traditional rustic breed



*« Landscape, products and breed are creating the territory »
(local NGO representant)*



Patrimonial landscape

Traditional livestock products



Vitality of tourism in Aubrac reinforcing the already existing livestock farming
→ Limiting modernisation ? Feed autonomy vs positive image?



Pays de Rennes: A trade-off between territorial vitality and cultural services

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Vitality services

« A livestock farm is creating 5 jobs in the region » (Local agricultural advisor)

Jobs linked to livestock farming in Pays de Rennes reinforcing the already existing livestock farming

« Agriculture in Brittany has developed toward production and industrialisation and lost part of its rich cultural diversity » (Livestock farmer)

Consumer demand favouring the agroecological transition of LFS

→ Animal welfare, short supply chains, educative farms, strong local identity

Cultural services





Taking cultural and vitality services into account is necessary toward agroecology of LFS

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1

To consider societal expectations concerning LFS (*animal welfare, gastronomy, identity, ...*)

2

To understand potential lock-ins toward agroecological transition (*modernisation in Aubrac?*)

3

Because they could be a lever for the reconfiguration of LFS (*more animal welfare and short chains in Brittany?*)



Which methodological insights to better consider cultural and territorial vitality services?

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Go deeper into the specific analysis of cultural and vitality services

Combine cultural and territorial vitality services with provisioning and environmental services

- Weighting of different services
- Analysing synergies and tradeoffs between services