



Stories of adaptation in Pays de la Loire: ongoing transitions and ambitions for the future

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REGIONE LIGURIA

A bit of context on Pays de la Loire

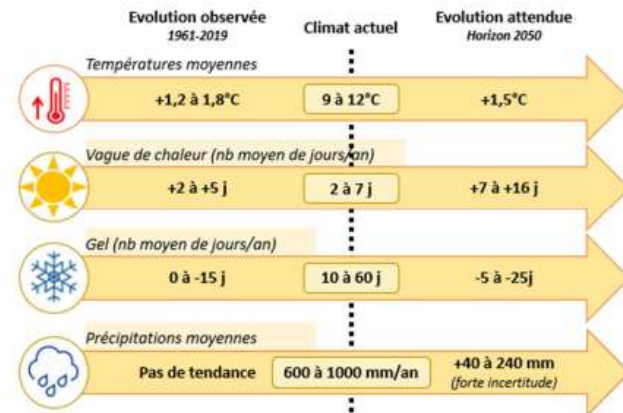
A few facts about the region:

- Located on the West Coast of France: great variety of resources, landscapes and industries
- 5th Region in France for agricultural production
- A roadmap for « Ecological Transition » (2018-2025)
- A raising concern about climate change (adaptation and mitigation)

Climate change adaptation: a local IPCC

- Launch in October 2020 of a **local IPCC**
- Role:
 - Analyse the impacts of CC in the region
 - Provide with action pathways
- **Many threats** in Pays de la Loire
 - Rising sea levels and coastal erosion
 - Multiplication of droughts
 - Rising temperatures
- Next step: finding solutions !

Evolution observée et attendue du climat en Pays de la Loire



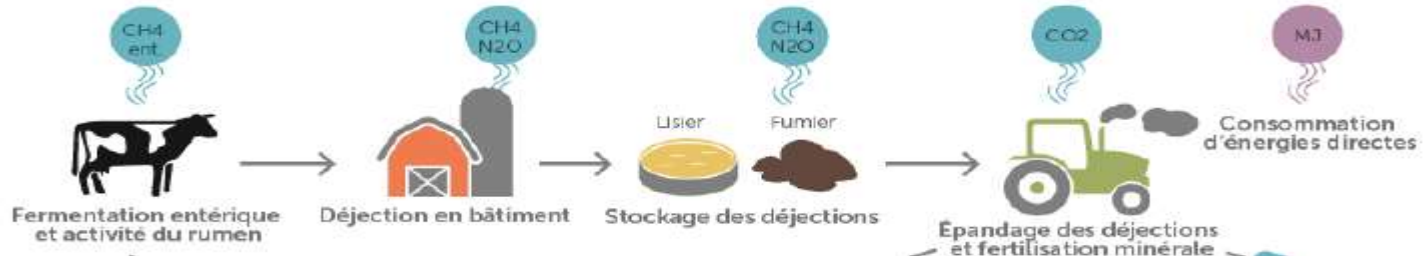
Climate change adaptation: transition pathways

- ❖ **Agri-food** : rising concerns on adaptation
 - « Low carbon farms » initiative
 - Carbon credits: more hedges and trees for the climate (and biodiversity!)
- ❖ **Energy transition:**
 - ❖ Roadmap on Hydrogen (2020)
 - ❖ Roadmap for Energy transition: high ambition on renewables, renovation and transport
- ❖ **Water:** better quality and better management
 - A new LIFE integrated project: [REVERS'EAU](#)
 - Ongoing work on coastal resilience
 - Preventing marine and fluvial flooding risks
- ❖ **Industry:**
 - Promoting « Industrial ecology »
 - Eco-construction project with the wood Cluster Atlanbois.



Climate change adaptation: focus on agriculture

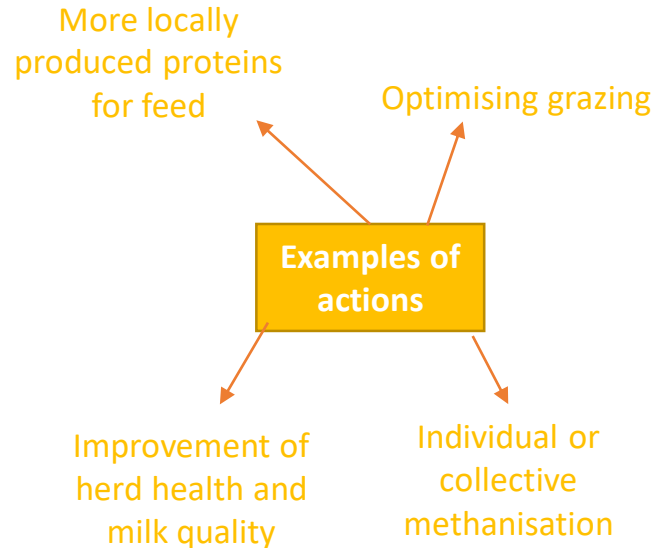
- In Pays de la Loire: agriculture responsible for **34% of GES** emissions... but potential for carbon capture !
- Creation of a « **low-carbon farming scheme** » (2019-2026)
 - Based on the LIFE « [Carbon Dairy](#) » project
 - Initial focus on *dairy farming*: reduction of GES by 20% by 2025
 - Objective: 70% of the regional dairy farms involved
 - Budget: 8,3M€ (incl. EARDF)



Climate change adaptation: focus on agriculture

Steps to follow in the low-carbon scheme:

1. Awareness raising and diagnosis on the farm
2. Trainings and follow-up with a technician to develop a clear action plan: choice of 2-3 key actions
3. 5 years later: second diagnosis to measure the results



Future perspectives on adaptation

- ❑ New report from the **local IPCC** and local COP: diagnostic and action pathways
- ❑ **New Cohesion policy**: ERDF's financial instruments
- ❑ **Agri-food**: new projects on adaptation to climate change (plants and livestock farming)
- ❑ Opportunities for project development on **coastal adaptation** to CC :
 - Governance at the local level: enhancing sustainable behavioural change
 - Deployment of nature-based solutions
 - Need for more knowledge and data
 - Learn from more advanced European regions !

Thanks for your attention !