

25-26 June 2019 in Lisieux, Normandy - France



Thematic Session 3: How can agroecology be better integrated within the value chain and with consumers, citizens and the local area?

Workshop 3.2: Integrating agroecology with the downstream: non-food value chains

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https://www.reseaurural.fr/Sommet-agri-innovation-2019 https://ec.europa.eu/eip/agriculture/en/event/agri-innovation-summit-2019

















Agro-ecology and bio-economy

- Biological regulations
- Substitution
- Crop diversification



- Recycling
- Wastes (including urban wastes)



- Higher income and social welfare
- Low carbon agriculture
- Delivery of multiple ecosystem services



Crop diversification is a major lever

- Diversification of bio-based products;
 - Industrial crops in rotation
 - Aromatics in vineyards/olive
- Combination of food and energy crops
 - Use of cover crops for methanisation
 - Hemp « cracking »
- Wild plants as crops for soil restoration







Challenges

- Defragmentation
 - Coupling, retroaction, cascade
- Integration value chains/territory
 - Horizontal coordination
- Multicriteria assessment of performances
 - New vision of « optimality »
- Lock-ins in value chains and in sociotechnical systems





Crop diversification in CAP

Regulation for mixed crops

Guayule for rubber

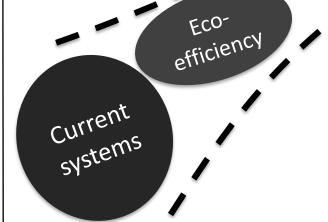
Systems

substitution

re-design

Cover crops for biogas

Hygienization of organic waste





Agro-ecological landscapes and value chains



Workshop

Question 1: What are the most promising innovations?

Question 2: What will it take to implement or scale up these innovations in my sector / region / activities?

Remember \rightarrow Get out of the box!





The multi-level perspective on transitions

