

# UNDERSTANDING & IMPROVING THE SUSTAINABILITY OF AGRO-ECOLOGICAL FARMING SYSTEMS IN THE EU

# Co-constructing innovative market and policy incentives to face agroecological transition in Europe: challenges and opportunities

Francesco Galioto, Oriana Gava Andrea Povellato\*, Gerald Schwarz, Francesco Vanni

#### **AAG Annual Meeting 2021**

Agroecological transitions in different geographic contexts 3: Governance and sustainability Online, 10/04/2021



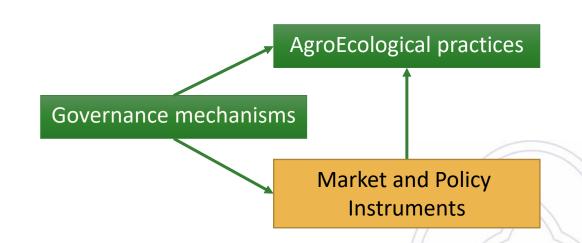
This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 773901.





- UNISECO WP5 Governance and Policy Assessment
- Overarching objective: to analyse market and policy instruments (MPIs), with governance mechanisms, supporting AgroEcological transition

Case Study-specific AgroEcological Transition Strategy





## **Categories of MPIs**

Income and market support

Agri-Env Payments

Diversification

Payments for investments

**Regulatory restrictions** 

Land use policies

Regional policies

Tax policies

**Certification schemes** 

Food policies

Knowledge promotion

Networking



# **Objectives and steps**

- Identified and described the broad range of MPIs in place in each Case Study
- Shortlist 10-15 key MPIs in each Case Study based on stakeholders' experience and knowledge
- Assessed and ranked the shortlisted MPIs with local actors and experts
- **Discussed** key opportunities and challenges to adoption of the assessed MPIs, including governance changes
- Delivered policy recommendations based on the key policy and governance lessons learnt



#### Methods and data

- > Mixed-methods approach:
  - Multi-criteria Analysis (MCA) + Qualitative analysis
- Data collection:
  - Semi-structured interviews/workshops with 127 local stakeholders from 15 Case Studies

Advisors	Farmers	Policy makers	Researchers	Other actors	Total
22	18	31	26	30	127

- > Ex-ante approach :
  - Focused on AE transition
  - Including a mix of existing and new MPIs

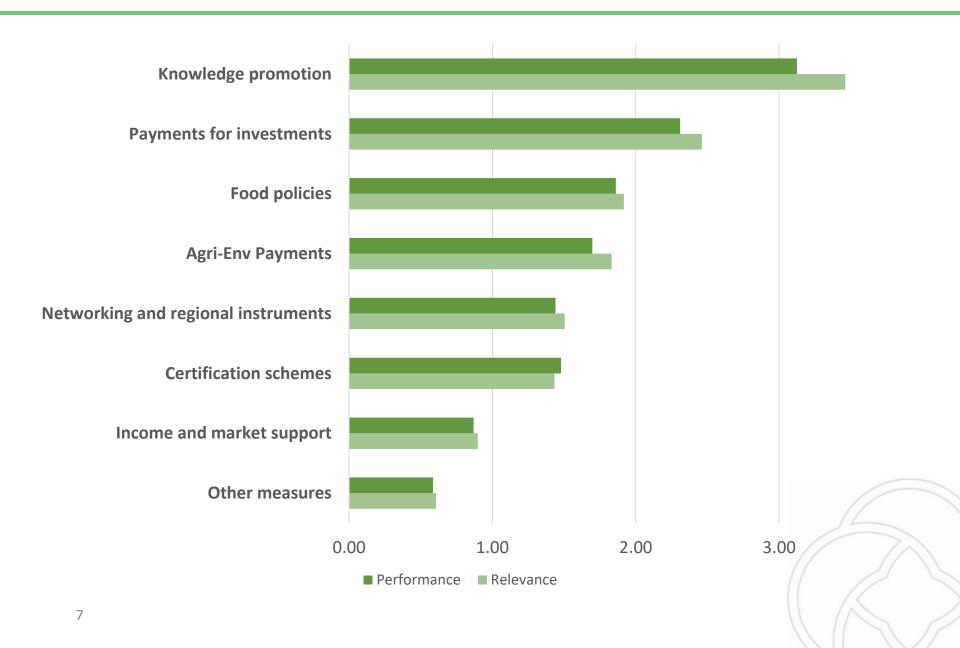


# **Multi-Criteria Analysis**

- Selection from a candidate list of criteria with MAPs,
   PAG and CS partners (experts)
- Two types of assessment criteria:
  - *Relevance*: urgency and priority
  - <u>Performance</u>: effectiveness, undesired side-effects, targeting, efficiency, feasibility
- Criteria weights: range 0-100
- MPIs scores for each criteria
  - From 0 (very weak) to 5 (very strong)
- Level of confidence
  - Scale 1-4 based on the interviewee knowledge of each MPIs

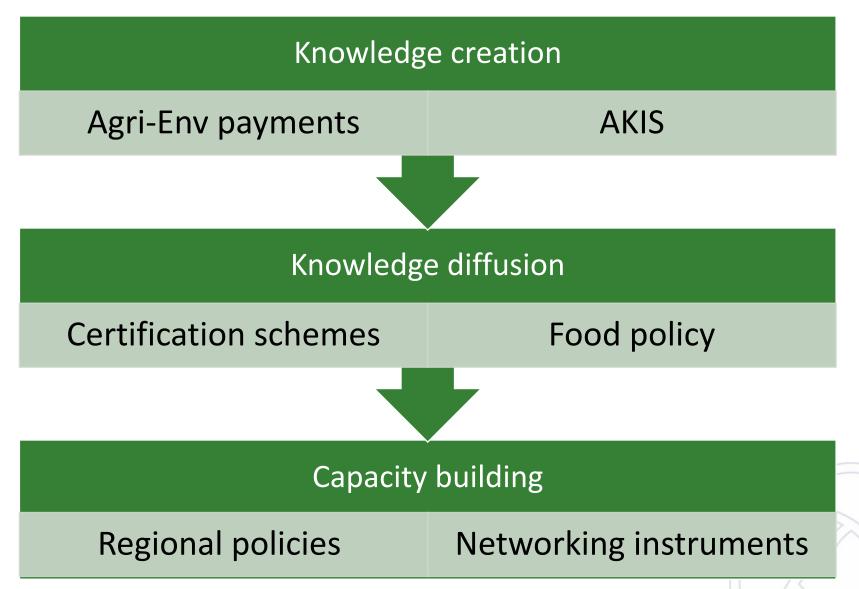


#### **Assessment scores**





# **Key MPIs and transition phases**





# **Knowledge and social capital**

Challenge	Policy recommendations
Raising <b>awareness</b> on agroecological practices	Facilitating access to advisory services for small farms
Empowering entrepreneurship	<ul> <li>Information, skills and training aimed at food-system re-design</li> <li>Covering market/legal issues</li> </ul>
Strengthening partnerships and collective projects	<ul> <li>Targeted interventions for intermediate institutions (e.g., Bio-districts)</li> <li>Empowerment of RDP Cooperation measures (e.g., pilot food chain projects)</li> </ul>



### Added value and market access

Challenge	Policy recommendations
Increasing <b>sustainability</b> in consumer markets	Introduction of new voluntary certification schemes
Creating <b>awareness</b> among consumers and citizens	Promotion of educational campaigns in schools and awareness campaigns through local media
Improving <b>public procurement</b> initiatives	New and more ambitious standards in the catering contracts for public schools (e.g., local food, reducing food waste)



# **Policy design**

Challenge	Policy recommendations
Simplification on the requirement for policy support	<ul> <li>Reducing bureaucracy</li> <li>Providing free access to advisory services to small farms</li> </ul>
Improving <b>targeting</b> of policy support	Better designing the support for AE practices (e.g. targeting to core practices / farm typologies)
<b>Prioritization</b> among different initiatives	Prioritizing support for advisory services
Policy <b>coordination</b>	Integrating support for investments, practices adoption and cooperation measures
Experimenting <b>innovative</b> instruments	<ul><li>Result-based payments</li><li>Eco-schemes targeted to AE practices</li></ul>



#### > Limitations of the approach:

- MPIs targeted to context-specific strategies and on specific dilemma (15 CS across Europe)
- Interviewed stakeholders with different expertise and knowledge of present and future policies

#### ➤ New perspectives on MPIs:

- Interesting insights on the tailored mix of instruments necessary to address different transition challenges (trade-offs and synergies)
- Additional funding and new measures are not the main priorities, the key challenge is improving the implementation and governance of existing MPIs



#### Thank you for the attention!

Andrea Povellato andrea.povellato@crea.gov.it









































