



#### THE PROVISION OF PUBLIC GOODS BY AGRI-ENVIRONMENTAL-CLIMATE POLICIES

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Giornata di studi sui Cambiamenti del Clima





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# Background

- Integrating environmental concerns into agricultural policies a dated issue..
- At EU level: "AECMs provide payments to farmers who subscribe, on a voluntary basis, to environmental commitments related to the preservation of the environment and maintaining the countryside".
- Key for the policy application: RDP budget (2007– 2013) almost 148.5 billion euro, of which 34.9 billion (23.6 %) planned for AECM



# Background

- promotion of sustainable agricultural systems, biodiversity maintenance and counteracting climate change are perceived as the main justifications for continuing the support of agriculture (Ecorys, 2017)
- 80% of Eu citizens state that current CAP does not provide enough public goods
  - counteract climate change
  - protect biodiversity
  - reduce soil degradation
  - promote sustainable use of pesticide and fertilizer
  - preserve genetic diversity



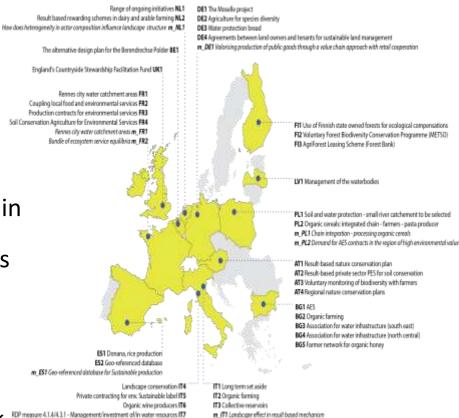
## Background

- Debate on future of environmental regulation in agriculture (EU, 2017;2018;2019)
  - New delivery model
  - Results-based approach
  - Reforming "green architecture of CAP"



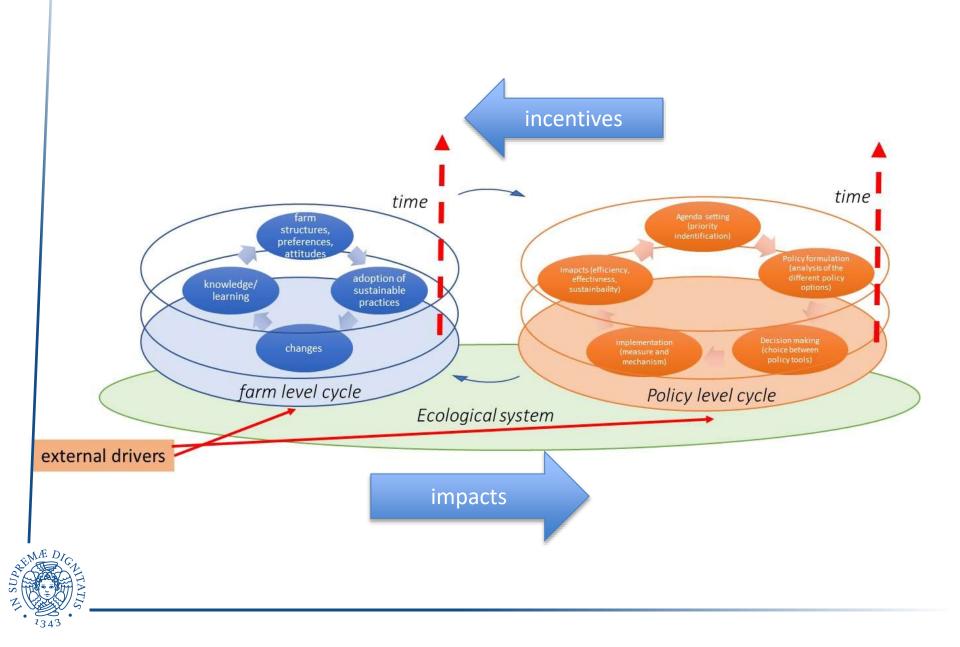
#### CONSOLE - CONtract SOLutions for Effective and lasting delivery of agri-environmental-climate public goods by EU agriculture and forestry

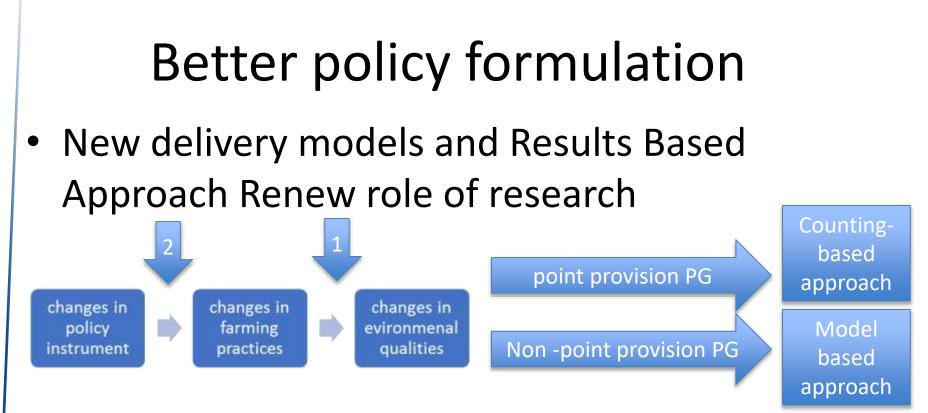
- H2020, (GA 817949), 1/5/2019-30/4/2022
- MULTIACTOR PROJECT
- 24 partners in 13 countries
- Budget: 5 Meuro
- Main objective: to boost innovation in the lasting delivery of Agri-Environmnetal-Climatic Public Goods by EU agriculture and forestry, by:
  - building a Community of Practice (CoP)
  - designing and testing effectiveness and of efficiency contract solutons
  - developing a contractual framework <sup>KP measure 41A431-Nanogement linvestere diviser en universe en un</sup>



m\_IT2 Ex-ante assessment of collective mechanisms for biadiversity



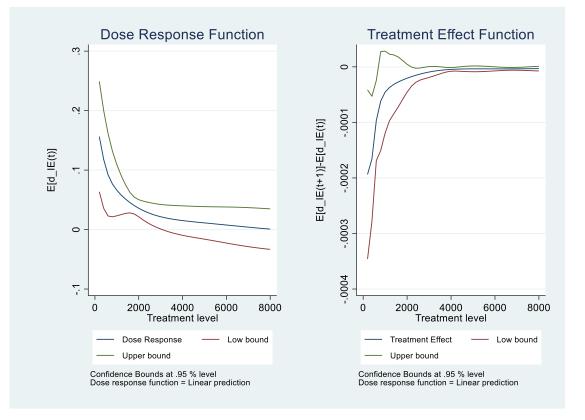




- 1. reliable *ex post* analyses (based on observation and measurement of the real impact of AECS) track changes in environmental quality
- 2. measuring the contribution of the CAP measures to these changes



### Better policy formulation



Bartolini et al., (*in press*) Do different payment levels for agri-environmental schemes affect the environmental benefits? A case study in North East of Italy, *Land use Policy* 





### Thank you <u>fabio.bartolini@unipi.it</u>

