



Release calendar

	Policy Briefs	Business Briefs	Scientific Seminars
2018			
May	✓		
2019			
May			✓
August	✓		
September	✓		
November		✓	
2020			
March	✓		
May		✓	
June	✓		
July	✓		
November	✓		
2021			
January	✓		✓

PROJECT COORDINATOR:

Dr. Miranda Meuwissen

Professor in effective risk management in food supply chains.

Business Economics Group (BEC)
Wageningen University & Research
6706 KN Wageningen, the Netherlands
miranda.meuwissen@wur.nl



The consortium comprises of 16 partners, coordinated by Wageningen University & Research.

UNIVERSITIES:

Aberystwyth University (Aber), *United Kingdom*
Eidgenössische Technische Hochschule Zürich (ETH),
Switzerland
Georg-August-Universität Göttingen (UGOE), *Germany*
Katholieke Universiteit Leuven (KU Leuven), *Belgium*
Sveriges Lantbruksuniversitet (SLU), *Sweden*
Universidad Politécnica de Madrid (UPM), *Spain*
Università degli Studi della Tuscia (UNITUS), *Italy*
Universitetet i Bergen (UiB), *Norway*
University of Gloucestershire (UoG), *United Kingdom*
University of National and World Economy (UNWE),
Bulgaria
Wageningen University & Research (WUR), *Netherlands*

RESEARCH INSTITUTES:

Instituut Voor Landbouw En Visserijonderzoek (ILVO),
Belgium
Institut National de la Recherche Agronomique (INRA),
France
Institute of Agricultural Economics (IEA-AR), *Romania*
Instytut Rozwoju Wsi i Rolnictwa Polskiej Akademii
Nauk (IRWiR PAN), *Poland*
Leibniz-Institut für Agrarentwicklung in
Transformationsökonomien (IAMO), *Germany*



This Project has received funds from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 727520



SUSTAINABLE
RESILIENT
EU FARMING
SYSTEMS





Challenges and the diverse response

Europe's agricultural sector faces a range of economic, environmental and social challenges. The accumulation of these uncertainties and their potentially complex interconnections lead to concerns about the long term viability of production of private and public goods, the sustainability of agricultural systems and the vitality of rural areas. Importantly, these risks and uncertainties differ widely across regions, different types of farms and different farming systems, requiring a differentiated response.



Responses might try either to reduce stressors or limit their impact, enhance the robustness of farms and farming systems against disturbances, or increase their ability to adapt to changing circumstances. No framework currently exists for the comprehensive assessment of whether policies and governance arrangements effectively enhance the sustainability and resilience of EU farming systems and improve the risk management of EU farms. Consequently, strategic approaches and roadmaps towards more sustainable and resilient farming systems are lacking.

The aims of SURE-Farm



The SURE-farm project comprises six interrelated objectives:



1. Develop a framework to measure the determinants of the resilience of current and future EU agricultural systems and develop comprehensive scenarios of challenges facing the sector.



2. Understand farmers' risk behavior and risk management decisions and develop effective and usable risk management strategies and decision support tools.



3. Develop an improved farm demographic assessment tool based on modelling and participatory approaches and assess the effectiveness and impact of strategies to facilitate entry into the sector and to attract the future generation of farmers.



4. Develop a policy resilience assessment tool to evaluate the strengths and weaknesses of the existing policy framework, in particular the CAP.



5. Develop an integrated impact assessment tool to make long-term projections towards the effective delivery of private and public goods by a variety of farming systems across the EU.



6. Construct roadmaps for implementation, co-created with public and private actors.

Elements of SURE-Farm

METHODS ALLOWING FOR BETTER UNDERSTANDING OF ADAPTATION AND ITS IMPACTS.

Biographical narratives, participatory workshops on collective learning, agent-based modelling with a farm demographics assessment tool, policy analyses with a policy resilience assessment tool and integrated assessments with a complementary set of quantitative and qualitative models.

THE CO-CREATION WITH STAKEHOLDERS TO GENERATE STRATEGIES THROUGHOUT THE PROJECT.

New risk management strategies, improved policies and other resilience-enhancing recommendations are all co-designed and tested with public and private actors. SURE-Farm has established a dedicated co-creation platform which ensures that a sufficient critical mass of stakeholders perform this function through all stages of the project.

INCLUSION OF MULTIPLE CASE STUDY REGIONS ENSURING THAT STRATEGIES MATCH WITH LOCAL CONTEXT AND CHALLENGES.

SURE-Farm comprises 11 typical farming systems in case study regions:

- Extensive beef cattle systems in Massif Central. (France)
- Extensive beef and sheep farming. (Spain)
- Intensifying dairy farming. (Belgium)
- High-value egg and broiler farms. (Sweden)
- Private family fruit and vegetable farms. (Poland)
- Intensive arable farming with large amounts of rented land. (Netherlands)
- Large-scale corporate crop farms. (England, Germany and Bulgaria)
- Small scale farms. (Italy and Romania)