Resilience thinking

The challenges

- More volatile producer prices.
- New competitors in internationalized and liberalized markets.
- Upstream and downstream market power along the value chain.
- Increasing dependence on non-farm land owners and financial institutions.

The objectives

1. Identify the determinants of resilience.
2. Improve farmers’ risk-related decisions and management.
3. Assess farm demographic changes and their links to labour markets.
4. Evaluate the current policy framework and develop resilience enhancing policy options.
5. Make integrated long-term projections of farming system resilience.
6. Identify pathways to implement a resilience enhancing environment.

The Consortium

16 partners coordinated by Wageningen University

Universities

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

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
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How to achieve the objectives

1. Defining scenarios of stressors.
2. Developing improved risk management tools.
3. Creating a farm demography assessment tool.
5. Building an integrated assessment tool.
6. Designing an enabling environment.

The stakeholder involvement

Local co-creation workshops.
Virtual co-creation communities.
Annual co-creation meetings.

Case studies

1. Intensifying dairy farming.
2. Extensive beef and sheep farming.
3. High-value egg and broiler farms.
4. Private family fruit and vegetable farms.
5. Extensive beef cattle systems.
7-8-9. Large-scale corporate crop farms.

The challenges

- Unusual weather patterns and higher risks of extreme weather events.
- Land degradation.
- Concerns on water and energy availability.

The objectives

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