



SUSTAINABLE
RESILIENT
EU FARMING
SYSTEMS

Future challenges and resilience of farming systems In Europe

The SURE-Farm consortium

18 May 2021



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



Resilience =
Latent property
of system.

Complex &
multidimensional

Practice

Narrow
focus

Multiple ..

Functions

Capacities

Challenges

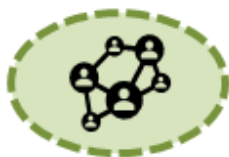


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The SURE-Farm approach: 5 systematic steps

1. Resilience of what?



Farming systems
in their own locality

2. Resilience to what?



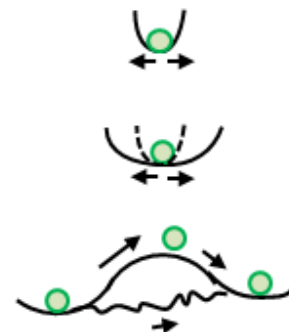
Shocks
and stresses

3. Resilience
for what purpose?



Delivery of
private & public goods

4. What resilience
capacities?



Robustness, adaptability,
transformability

5. What enhances
resilience?



Resilience
attributes



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... multiple functions of agriculture

1. Resilience of what?



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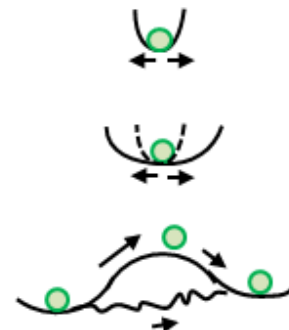
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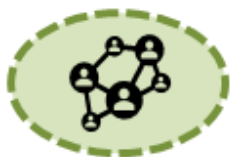


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... more than robustness

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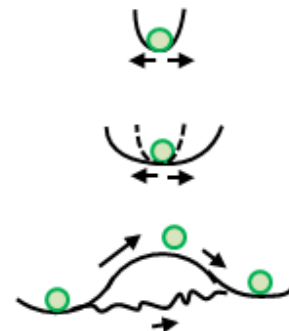
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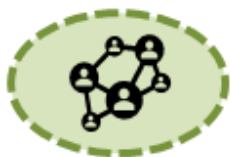


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... 22 resilience attributes – of systems and the enabling environment

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Farming systems
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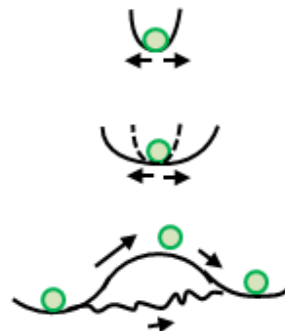
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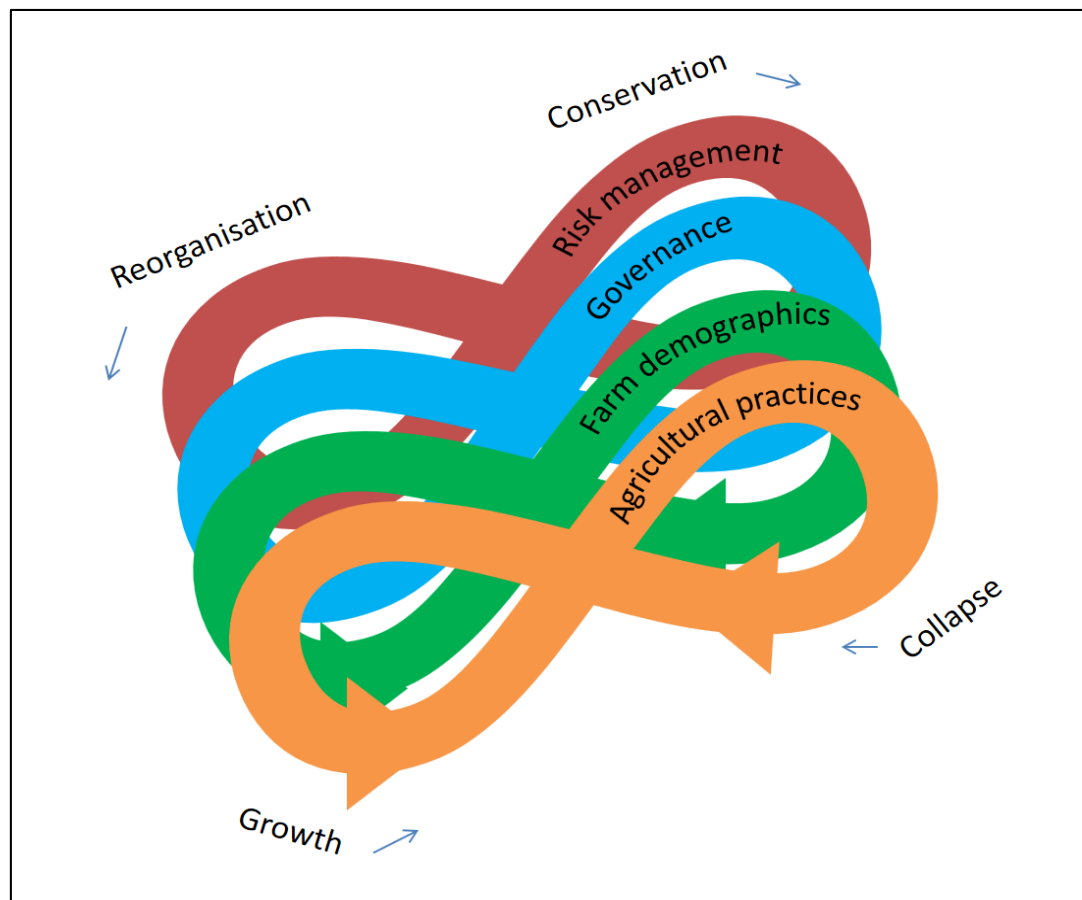
Resilience
attributes



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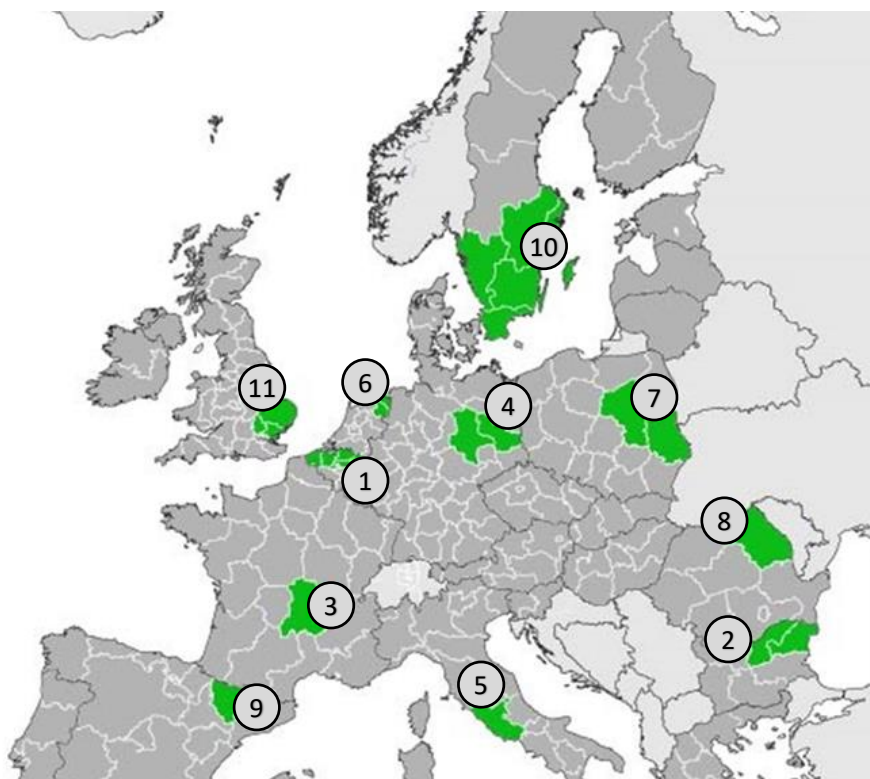
.. with multiple disciplines



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... in the regional context



- ① Intensive dairy farming in Flanders, Belgium
- ② Large-scale arable farming in Northeast Bulgaria
- ③ Extensive beef cattle system in the Massif Central, France
- ④ Large-scale corporate arable farming with additional livestock activities in the Altmark in East Germany
- ⑤ Small-scale hazelnut production in Lazio, central Italy
- ⑥ Intensive arable farming in Veenkoloniën, the Netherlands
- ⑦ Fruit and vegetable farming in the Mazovian region, Poland
- ⑧ Small-scale mixed farming in Northeast Romania
- ⑨ Extensive sheep farming in Northeast Spain
- ⑩ High-value egg and broiler farming in Southern Sweden
- ⑪ Arable farming in the East of England, UK



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.. through mixed methods



14 qualitative methods



7 quantitative methods



Multiple methods are linked to
each step of the SURE-Farm
framework



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Enjoy the seminar!

