



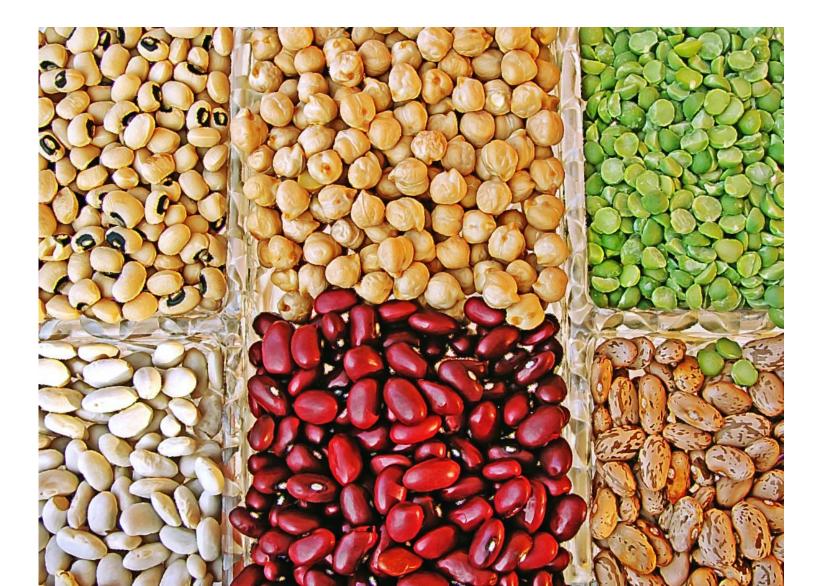
# **Documenting crop diversification experiences across Europe – the DiverIMPACTS Expert Survey**

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# Diver MPACTS Why document CDEs?



 Lock-ins of crop diversification can prevent cropping systems from becoming more diversified.

- Survey was conducted with local experts (advisors, researchers, farmers, etc.) between Januar-April 2018 to document CDEs
- Rotation, Intercropping, Multiple Cropping in arable production

Aims of analyses:

- a) List of success and failure factors of experiences
- b) Understanding connections between these factors and the main characteristics of Crop Diversification Experiences

### Diver MPACTS About the survey

- Lime Survey tool was used
- Survey had 3 sections, 72 questions and subquestions:
  - a) Section A: **Description** of CDE (34 questions)
  - b) Section B: **Evaluation** of CDE (24 questions)
  - c) Section C: **Dynamics** of CDE (14 questions)

Lot of conditional questions, only few open-end questions.



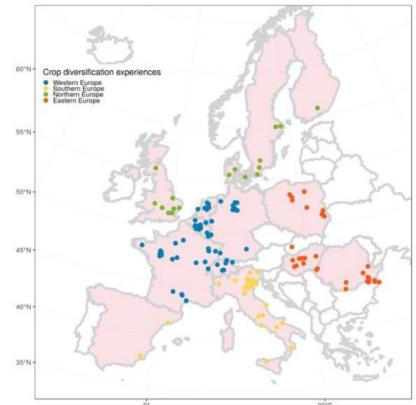
#### DiverIMPACTS Results & Statistics

• 128 valid responses were received from 15 European countries:

Belgium, France, Germany, Hungary, Italy, the Netherlands, Poland, Romania, Sweden, Switzerland, and UK, but also from Denmark, Finland, Luxemburg and Spain

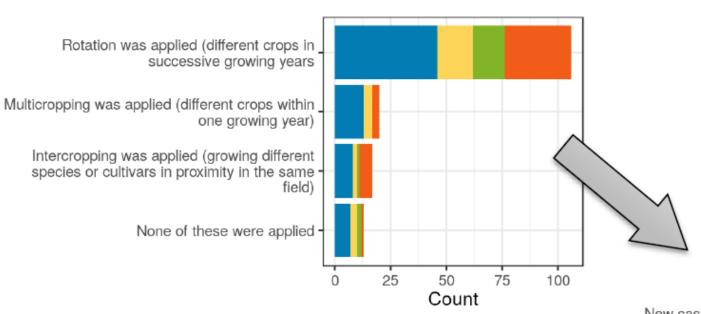
• Statistics were performed with SPSS Version 22

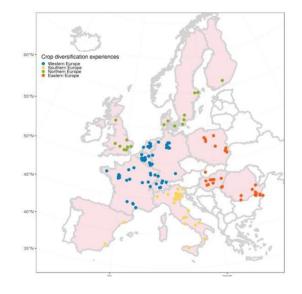
- a) Relations between variables
- b) Differences between variable groups
- c) Grouping of dataset according to specific factors



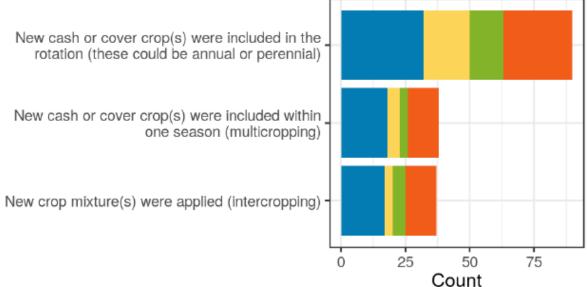


## Diver MPACTS What were the reported experiences?





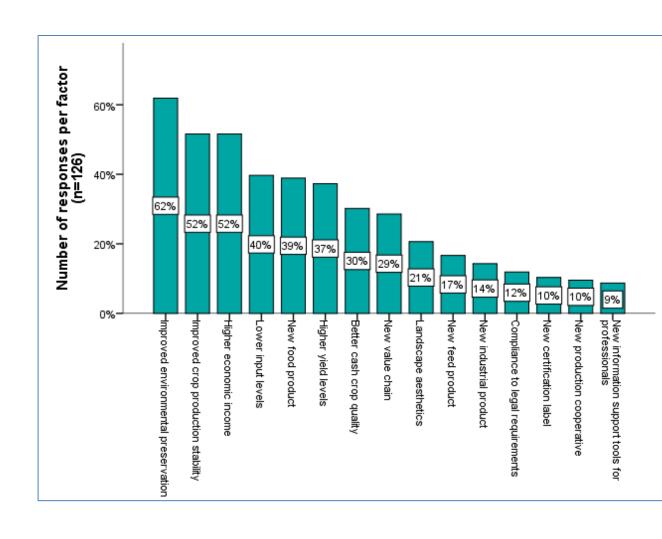
The most frequent crops added to the rotation were **cereals** and **oilseed crops**, **legumes** and **cover crops**.





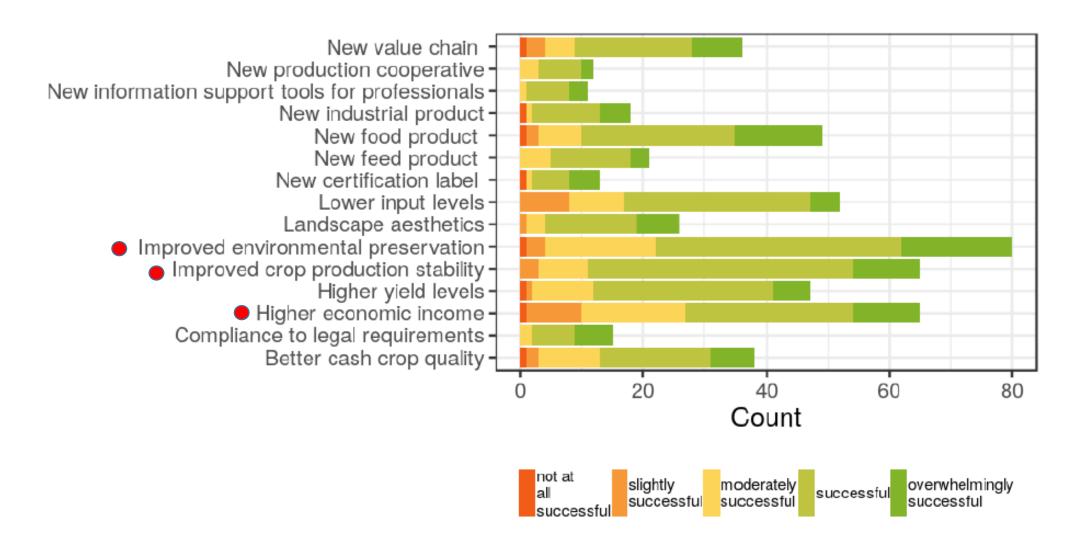
### Diver MPACTS Most frequent targeted outcomes of CDEs

- 1. Environmental preservation (62% of CDEs)
- 2. Improved crop production stability (52% of CDEs)
- 3. Higher economic income (52% of CDEs)



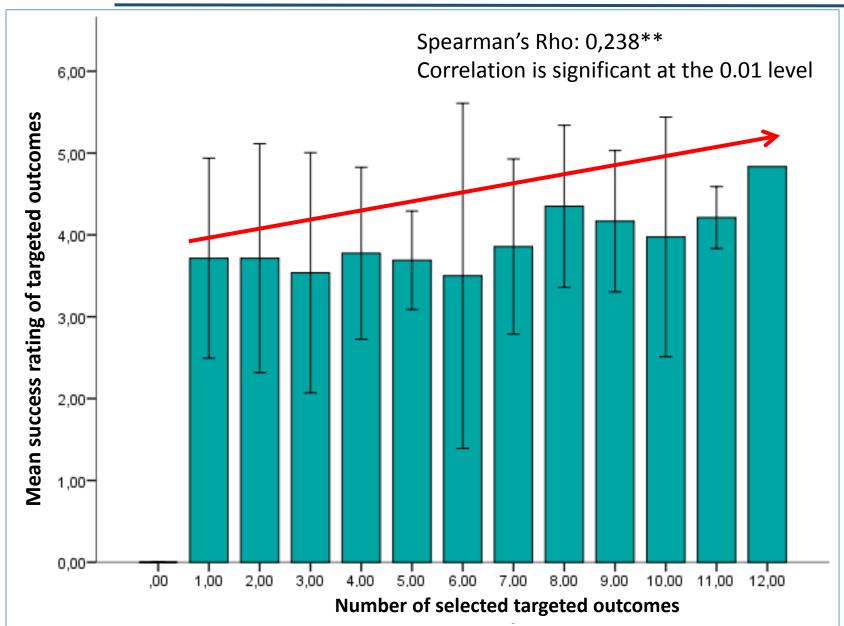


#### Was the CDE successful? Self evaluation



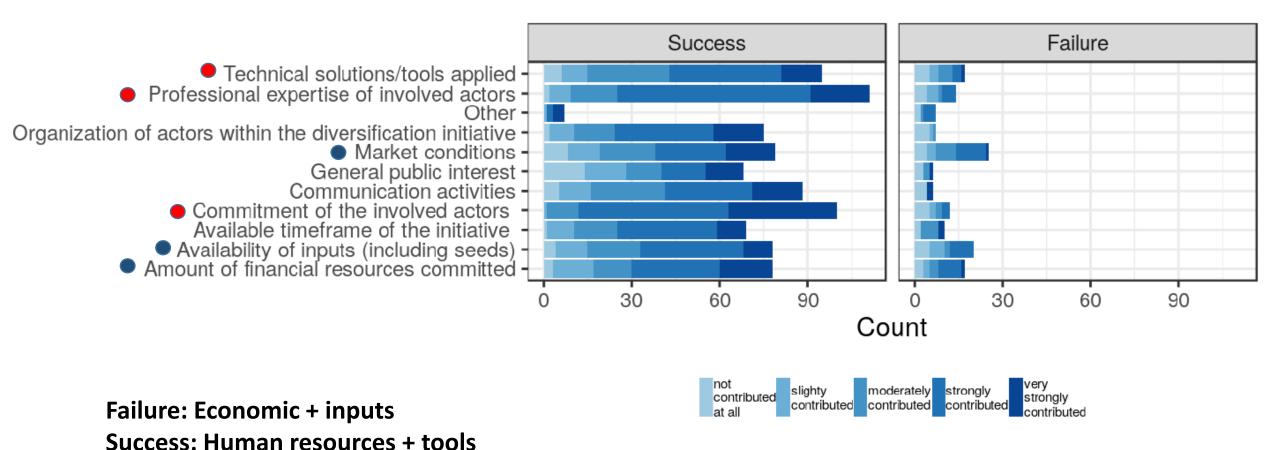


# Diver MPACTS More targeted outcomes, higher success





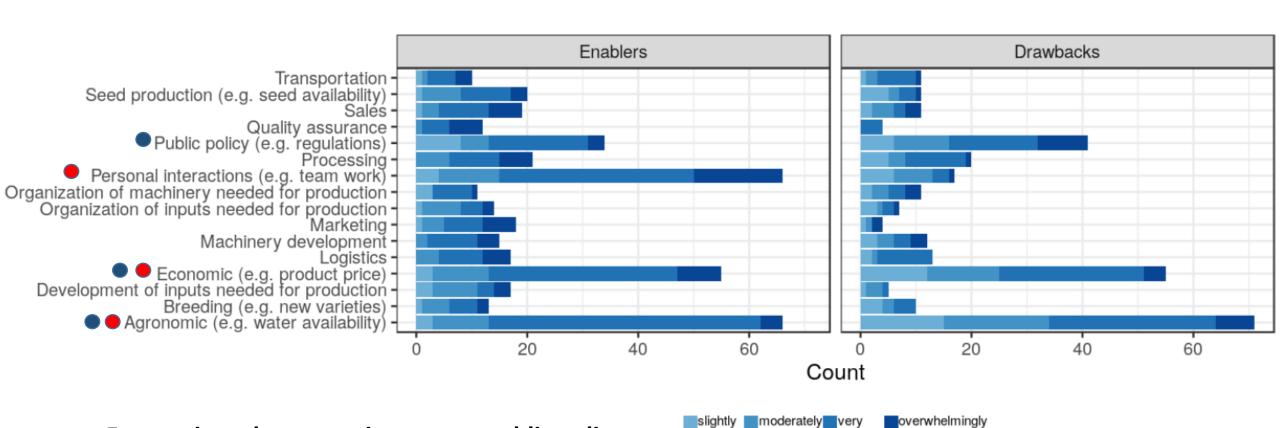
### Reported success and failure factors



The most important technical aspect, mentioned several times in open questions, was the challenge of **processing mixed or new crops**.



### **Experienced enablers and drawbacks**



Economic and agronomic aspects, public policy and personal interactions are the key

Key drivers for success are thus **people**, their **knowledge**, **commitment** and **interactions**.

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- The more targeted outcomes, the higher success evaluation, and the better distribution of results to practice
- People are the most important success factors Professional knowledge, engagement, cooperation
- Most important failure factors were economic (market, financial resources)
- Key turning points are economic and agronomic factors, and public policy, that were experienced by experts as both important enablers and drawbacks.





# Thank you for your attention!

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