MOVING

MOuntain Valorization through INterconnectedness and Green growth

MOVING progress and results

EU MAP Webinar

Mar Delgado (UCO)

Project Coordinator on behalf of MOVING members

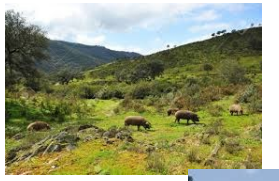
05/10/2023

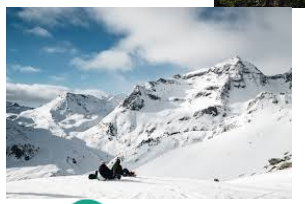
MOVING receives funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 818194. The content of this document does not reflect the official opinion of the European Union. Responsibility for the information and views expressed therein lies entirely with the author(s).

What is MOVING?

MOVING
MOuntain Valorization through INterconnectedness and Green growth

MOVING (MOuntain Valorisation through INterconnectedness and Green growth) – is a four-year project (2020-2024) gathering 23 partners and coordinated by University of Córdoba, Spain. The project is funded by the **Horizon 2020** programme.

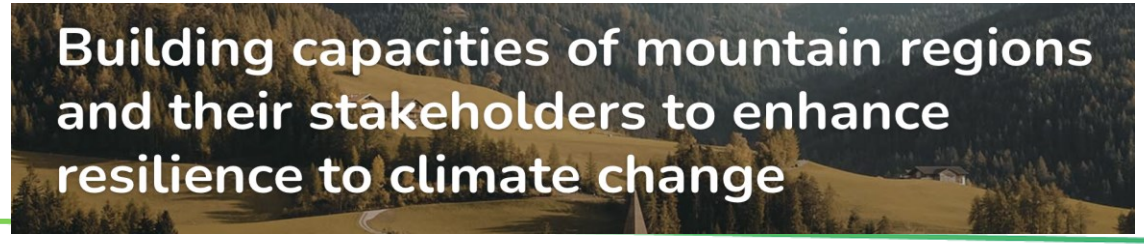




The **project main objective** is to build capacities and co-develop relevant policy frameworks across Europe for the establishment of value chains that contribute to the resilience and sustainability of mountain areas to climate change.

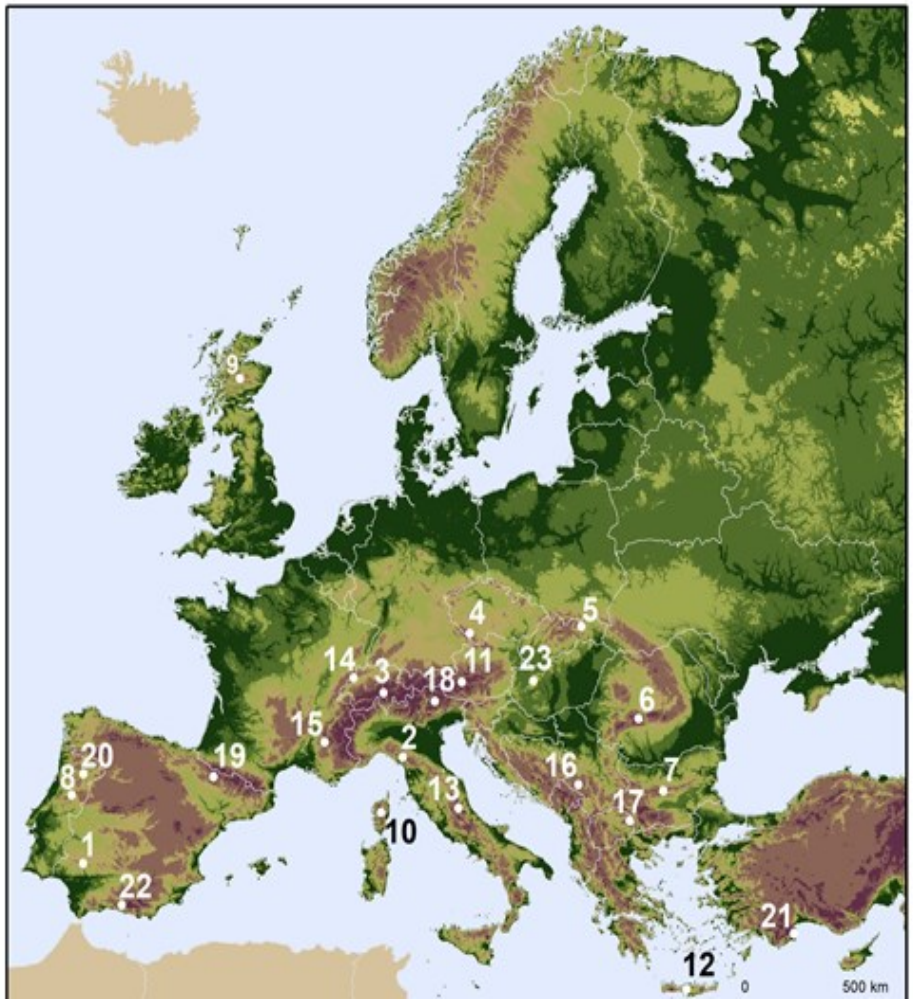
Key-objectives of MOVING

MOVING
MOuntain VAlorization through INterconnectedness and Green growth



Who are we?

MOVING
MOuntain VALORIZATION THROUGH INTERCONNECTEDNESS AND GREEN GROWTH

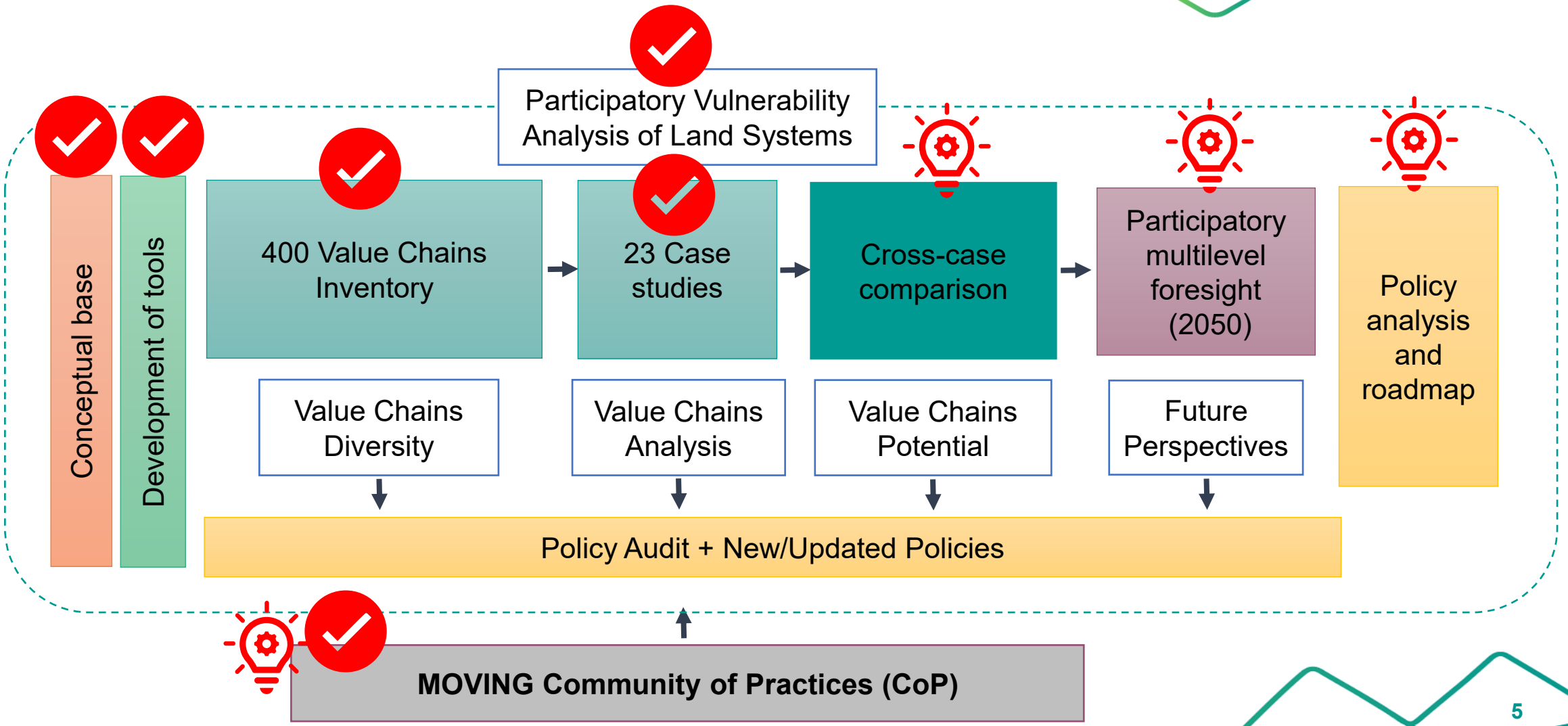


- A consortium of 23 expert partners (research centres, rural developers, industry representatives, and innovation agents)
- 23 reference regions in 16 countries

1. Sierra Morena
2. Northern Apennines
3. Swiss Alps
4. Sumava - Cesky Les
5. Slovak Carpathian mountains
6. Southern Romanian Carpathian mountains
7. Stara Planina
8. Cordilheira central
9. Highlands and Islands
10. Corsica
11. Austrian Alps
13. Central Apennines
14. Swiss Jura
15. Drome Valley
16. Dinaric mountains
17. Maleshevski Mountains
18. Eastern Alps
19. Spanish Pyrenees
20. Maciço Noroeste
21. Beydaglari
22. Betic Systems
23. Transdanubian Mountains

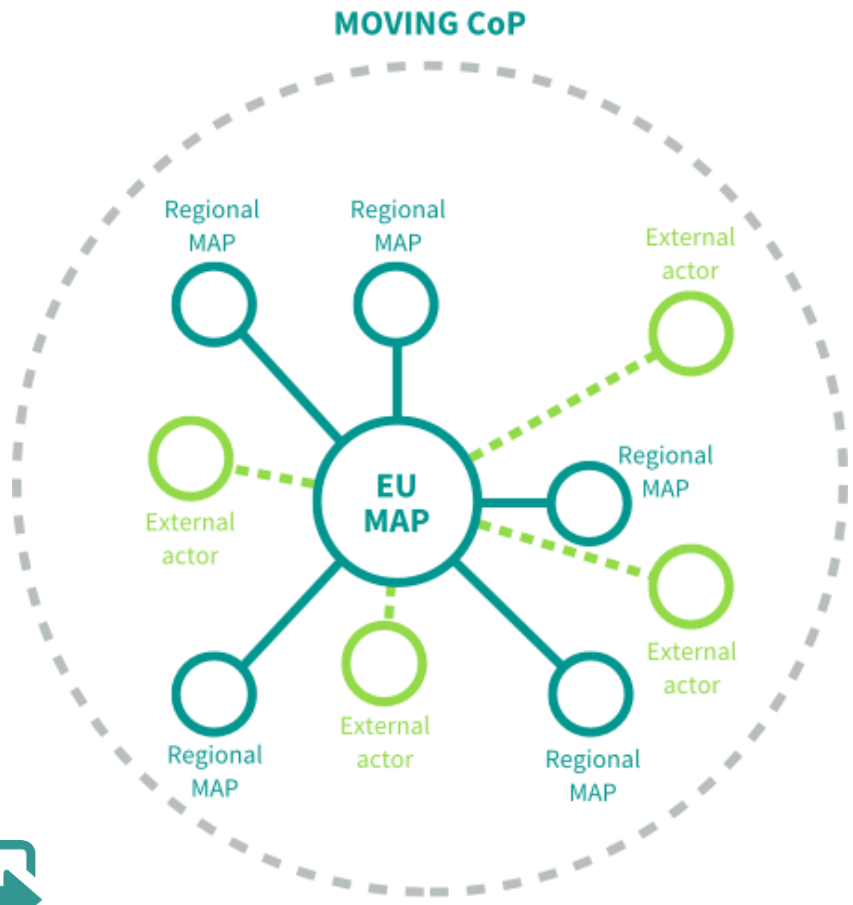
MOVING Approach

MOVING
MOuntain Valorization through INterconnectedness and Green growth



MOVING Community of Practice

MOVING
MOuntain Valorization through Interconnectedness and Green growth



European-wide Science-Society-Policy interface and **nested structure** built upon:

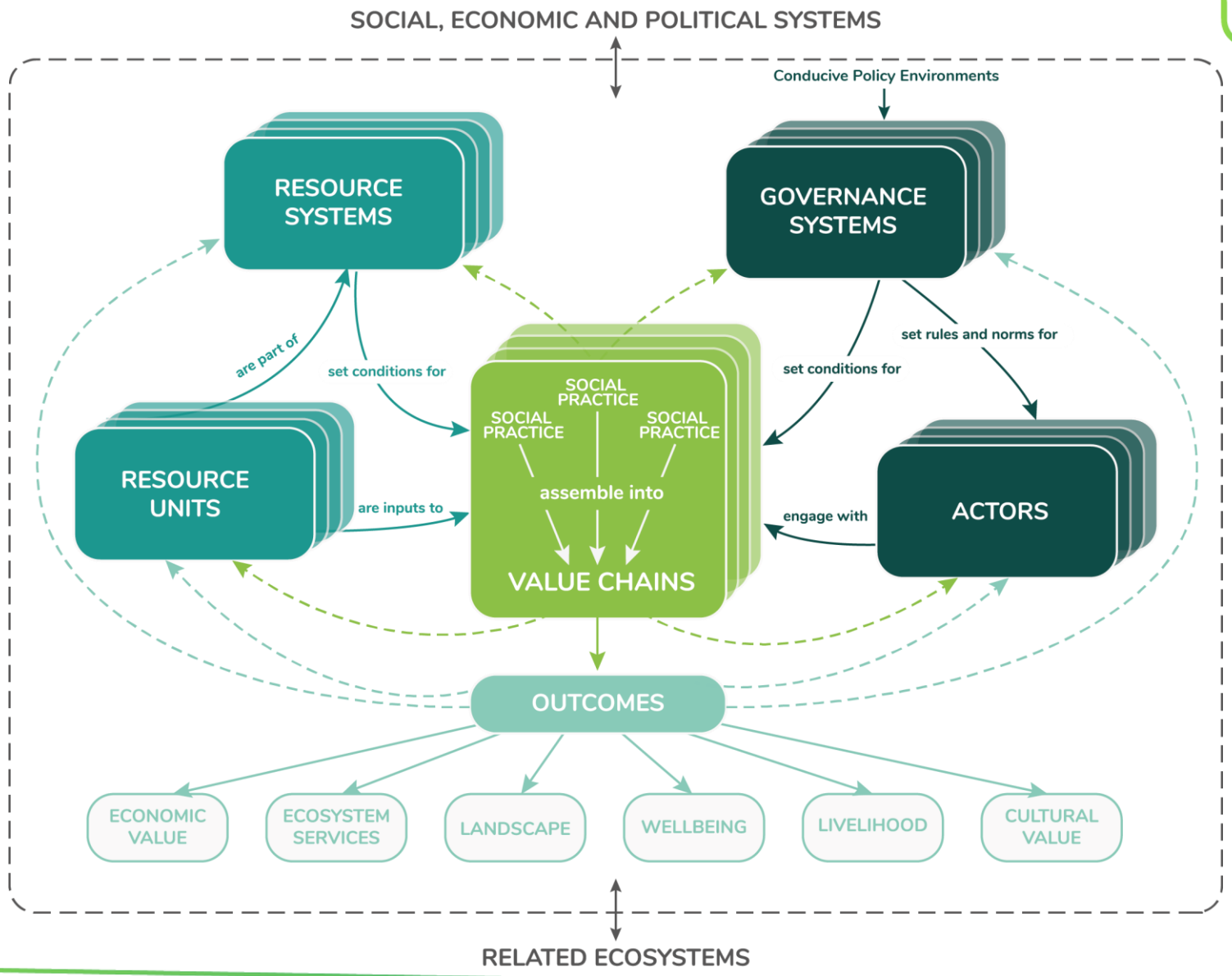
- 23 regional MAPs established in the 23 Reference Regions **912 stakeholders involved**
- 1 European-level Multi-Actor Platform (EU MAP) **81 active members**

OBJECTIVES

1. Co-creation and validation of key research outputs and results delivered by MOVING;
2. Exchange of knowledge and experience
3. Build a long-lasting community

MOVING Conceptual Framework

MOVING
MOuntain VAlorization through INterconnectedness and Green growth



Moretti, M., et al. (2023). Characterising value chains' contribution to resilient and sustainable development in European mountain areas. Journal of Rural Studies, 100, 103022.

Participatory Analysis of the Vulnerability of Land Use Systems

MOVING
MOuntain VAlorization through INterconnectedness and Green growth

Methodological Framework

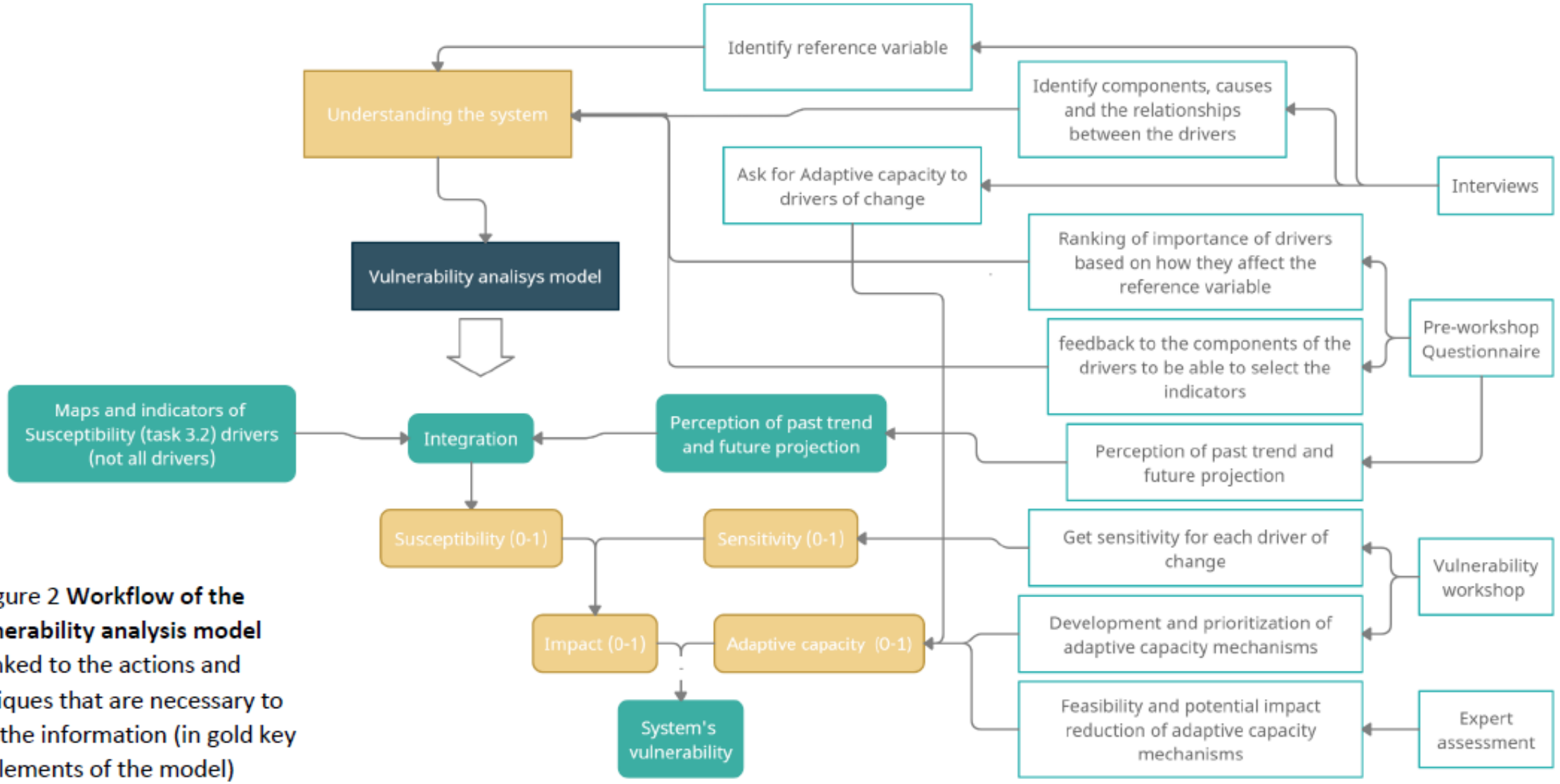
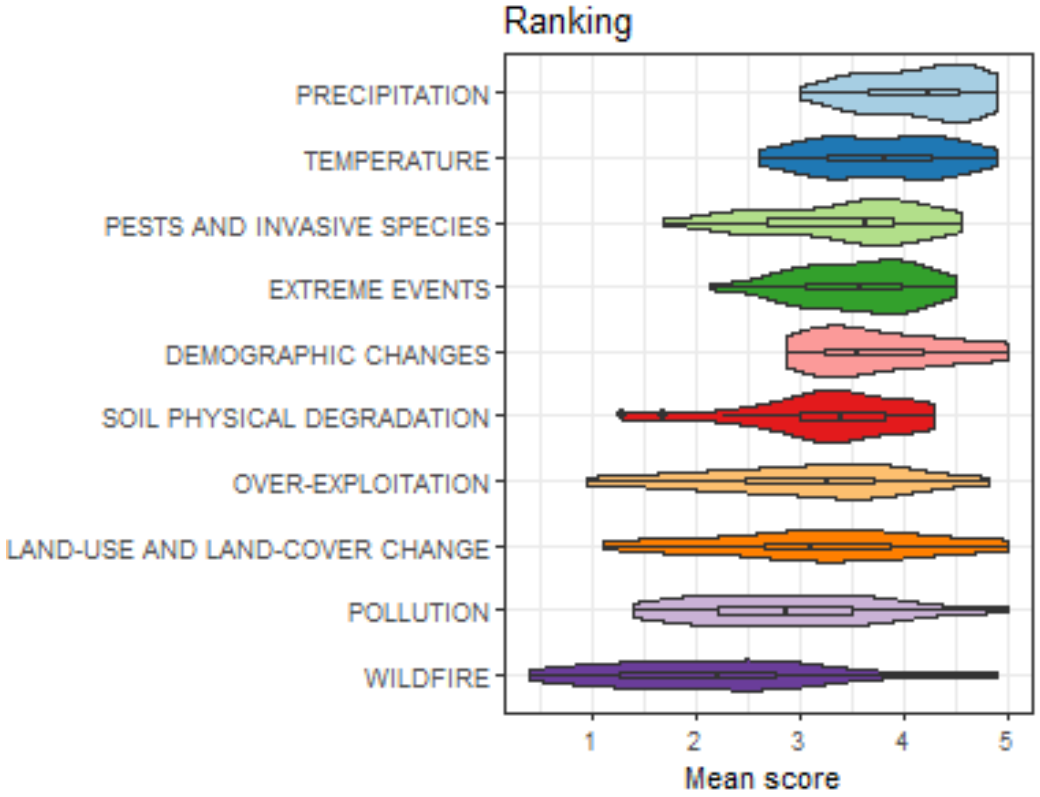


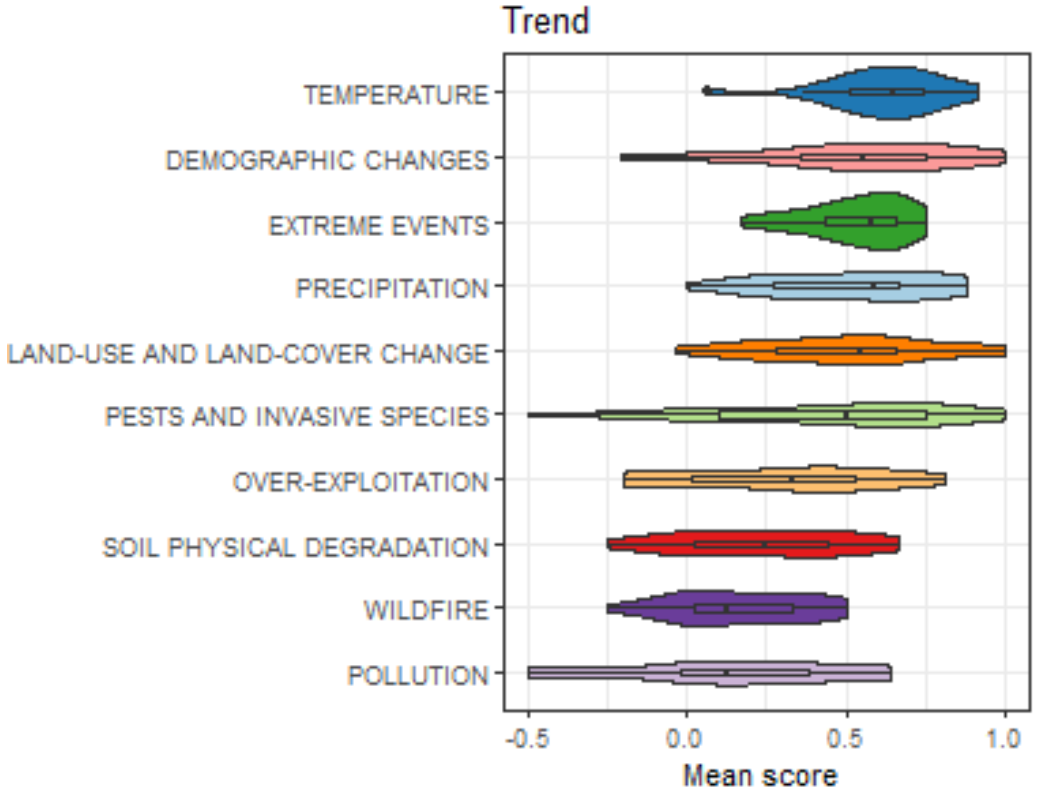
Figure 2 **Workflow of the vulnerability analysis model** linked to the actions and techniques that are necessary to collect the information (in gold key elements of the model)

Vulnerability of Land Use Systems

MOVING
MOuntain Valorization through INterconnectedness and Green growth

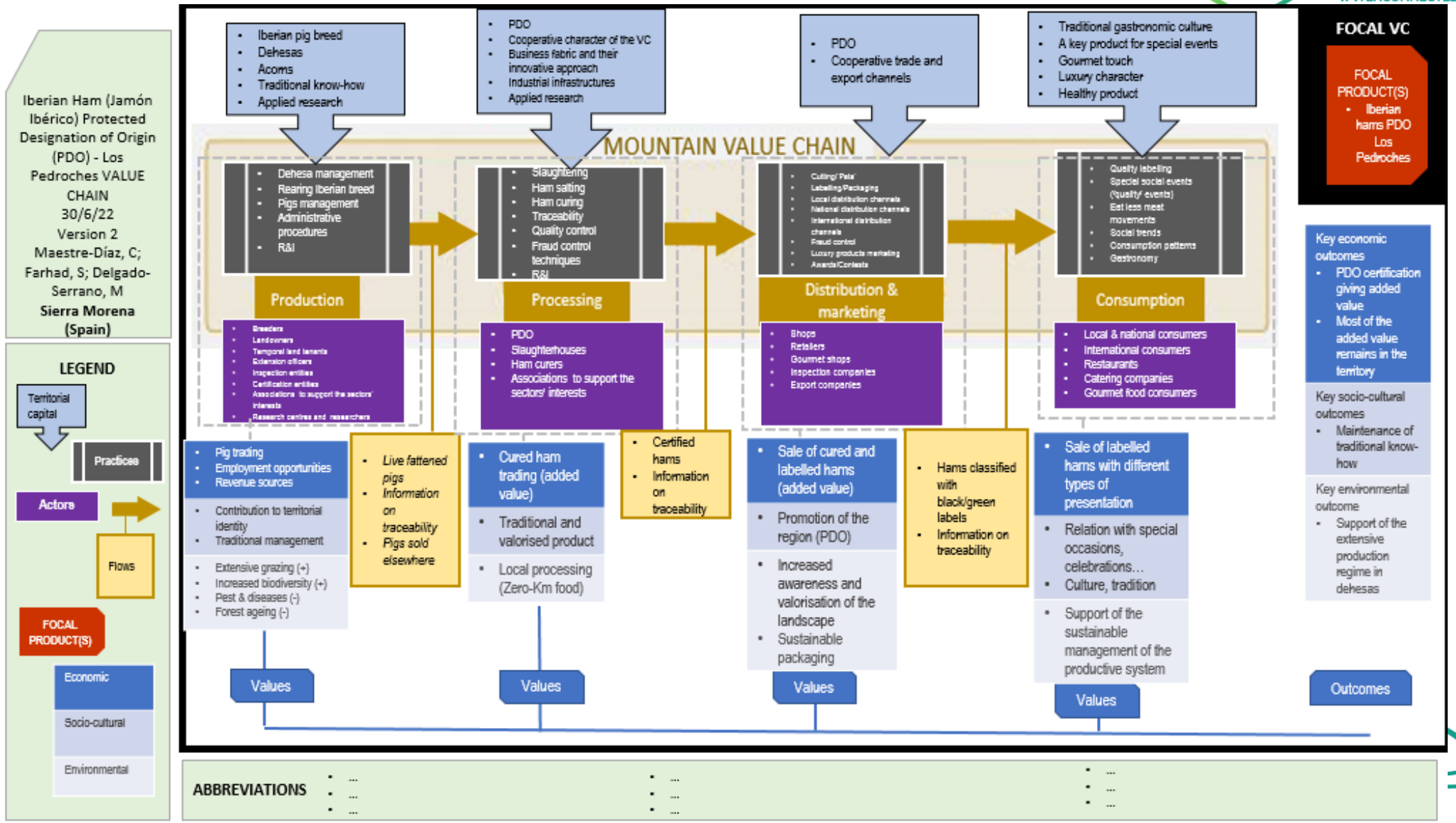
- Ranking, trend and sensitivity for all areas





Extended analysis of 23 VCs

MOVING
MOuntain Valorisation through INterconnectedness and Green growth



Cross-case comparison: Clusters and benchmarking

MOVING
MOuntain Valorization through INterconnectedness and Green growth

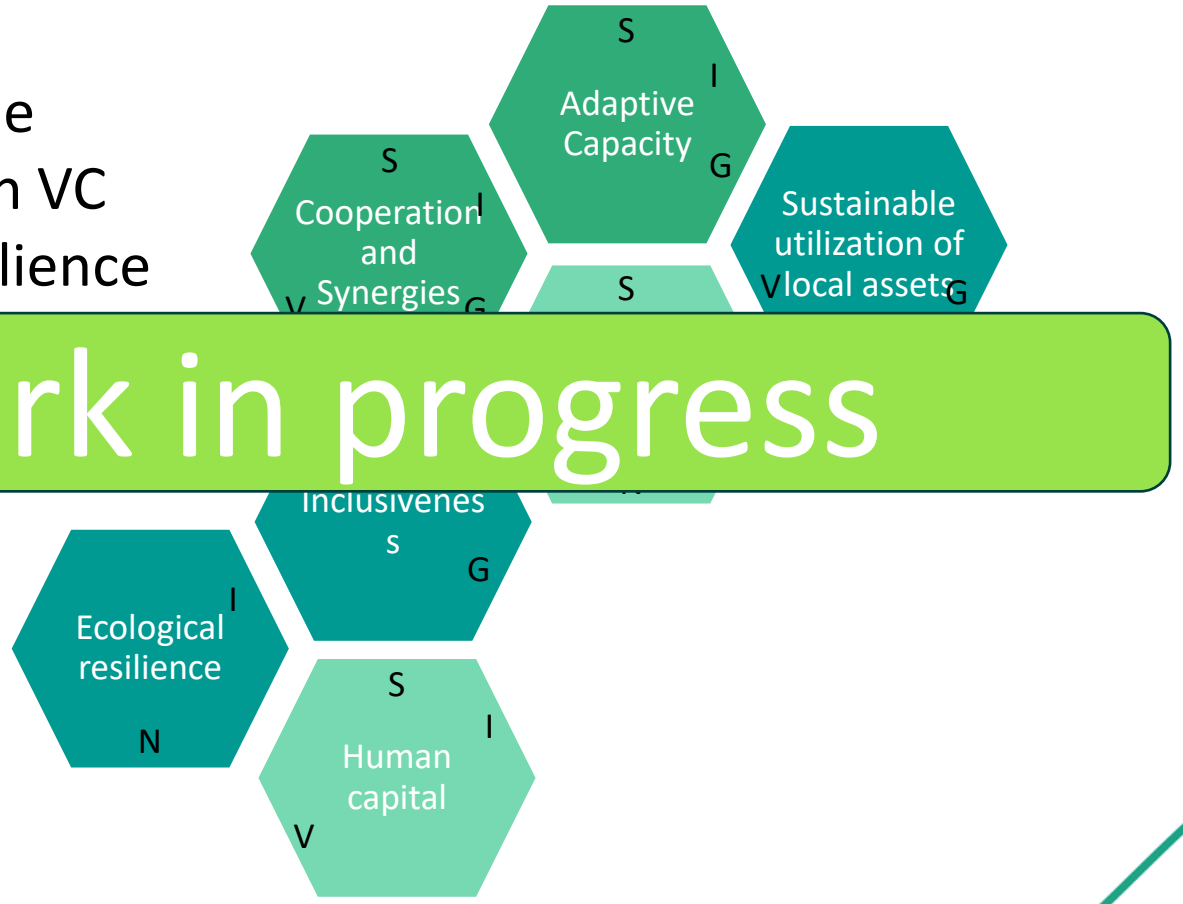
Defining factors (challenges)

S	I	G	N	V
Demographic & **S**ocial aspects	Innovation and infrastructure	Territoriality, cooperation & **G**overnance	Nature and ecosystem services	Value and quality products
• Demographic changes • Labour availability • Employment • Wellbeing • Social inclusion • Women role • Youngster role • New entrants	• Market value • Value added • Infrastructures (communication, processing) • Digitalisation • Business model production • Business model processing • Green energy • entrepreneurship	• Telecoupling /Assemblage • Size of the VC • Overlap with other VC • Territorial integration • Link to tourism • Fragility of the VC • Institutional development • Dependence on subsidies/policies	• Landscapes • Limits to growth • High Nature Value Farming • Climate change adaptation strategies • Environmental Protection Figure • Climate change threats • Regenerative/organic production • organic	• PDO or similar • (lost) Cultural heritage • Food quality • Traditional production • recipies • Local Knowledge • Specific breeding/variety • Unformality • Consumption • organic

Benchmarking: How do VC contribute to the Sustainability and Resilience of SES in mountain areas

MOVING
MOuntain Valorization through INterconnectedness and Green growth

7 Objectives to define the contribution of mountain VC to sustainability and resilience of SES



Work in progress

Scenario Analysis (2050)

MOVING
MOuntain Valorization through INterconnectedness and Green growth

- 23 Participatory scenario analyses in each MRR — Territorial level
  - Already hosted
- 5 Cross-case scenario analysis (based on the clusters) — VC level
  - Local stakeholder workshop (Budapest, 6-8 November 2023)
- One Pan-European scenario analysis — EU level
  - EU stakeholder workshop (Brussels, 11 January 2024)

Conducive Policy Environment

MOVING
MOuntain Valorization through INterconnectedness and Green growth

Policy tools & other actions that are "fit for purpose"…

…to ensure & strengthen…

The 10 necessary "building blocks" of a more favourable enabling environment…

…that unlocks the power of MVCs to address…

The 5 "clusters" of key challenges/opportunities for mountain areas

[1] Relevant Institutions & Organisations

[2] Appropriate Legislative Frameworks

[6] Advice and Innovation Support

[7] Skills Acquisition (Education & Training)

[8] Partnership and Cooperation

[9] Market Access and Alternative VCs

[10] Quality and Added Value

What is the specific contribution of individual "building blocks" resilience of mountain areas??

Social & demographic aspects

…on & …ucture

…uality, cooperation & governance

Nature & ecosystem services

Value & quality products

POLICY ROADMAP

Final Reflections

MOVING
MOuntain Valorization through INterconnectedness and Green growth

- MOVING results are based on **participatory analysis** and involvement of our **CoP** members (>1000 in the 23 MAPs and the EU MAP).
- Results show high vulnerability to **climate change effects** and **depopulation** in all the mountain regions analysed, both of the natural resources and of the VCs
- At the same time, a high number of **adaptation mechanisms** have been identified, also in the land use systems and in the VCs, even with different degrees of feasibility
- Next steps will be focused on identifying factors that enhance/hinder the **sustainability and resilience** of mountain areas in the short and long term and on developing a **Policy Roadmap**

Planned work for 2023/2024

MOVING
MOuntain Valorization through INterconnectedness and Green growth

- Benchmarking: Cluster analysis on how the value chains perform and adapt to challenges. Good practices to enhance resilience and sustainability
- Stakeholder workshop to validate results and build capacities in November 2023
- Foresight exercises and scenario modelling at the European level
- Repertoire of strategic options
- Policy Roadmap
- Scientific Final Conference/Final Policy Conference
- End of Project September 2024

MOVING
MOuntain Valorization through INterconnectedness and Green growth

Thank you!

Twitter: @MOVINGH2020

https://www.moving-h2020.eu

MOVING receives funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 818194. The content of this document does not reflect the official opinion of the European Union. Responsibility for the information and views expressed therein lies entirely with the author(s).