

## Workshop Output Specific Topic 3.3. (WS 3.3.A, B, C)

**Title of workshop:**

**A: Adapting mountain agro-food systems to climate change**

**B: Buffering socio-economic vulnerabilities of agro-food systems in Mountain regions**

**C: Transforming the societal framework to foster the sustainability of Mountain agro-food systems**

**Prepared by**

<b>Moderators</b>	<i>Markus Schermer, Rike Stotten, Andreja Borec, Hilde Björkhaug, Marianne Penker</i>
<b>Participants*</b>	<b>3,6,4</b>

\* Workshop participants that have submitted contributions to the workshop

General questions to please be answered in the workshop reporting

- 1) What was the focus of the workshop? Methodological issues and advancements or thematic issues (systems knowledge, transformation knowledge, target knowledge). Please check and fill in the matrix in the output section.

*The workshop presentations and discussions were centering on thematic rather than methodological issues.*

Methodological issues and advancements	Thematic issues		
	System knowledge	Transformation knowledge	Target Knowledge
	x	x	x

- 1) Which key points were discussed in the workshop as a whole? (This should be more a synthesis and not simply a summary of the key points in each presentation)

*We are moving from studies of identification of CC challenges and erosion of traditional knowledge to acknowledging the need for change / transitions – and the of knowledge of how to go there. Acknowledging perspectives beyond Europe – encouraging broader representation and comparative cases.*

*More specifically in need for more knowledge on:*

*Valorizing traditional knowledge and practices in knowledge institutions and beyond*

*Impact of CC on food-value chains*

*Understanding power-relations between actors (gender) and within the food system, and in multiple interacting collective action arenas*

*Collective action in post-socialist contexts*

*Building solidarity between urban-rural, consumer-producer, local-global (in products and services, new (social) entrepreneurial activities, sustainability, quality of life)*

*Challenges and opportunities caused by new users and new uses in old property systems (governance of common pool resources etc)*

*Empowerment of traditional users / villagers meeting economic, social and cultural competition*

*Timing and responsibility of implementing changes into areas with known challenges*

- 2) What is your opinion on the current state of knowledge concerning your topic(s) (focusing on mountain regions)? Please check and fill in the matrix on the following page.

**Overall assessment of the state of:**

What is your personal opinion on the current state of knowledge concerning the topic(s) addressed in your workshop. Please tick the appropriate field. Brief explanations are appreciated.

State of knowledge	Very good	Good	Poor	Very poor	Not appropriate	Comments
Global		X				
Regional	X					<i>Which region? Alpine region, Andes, Himalia, Pyrenees, Armenia (Caucasus)</i>
Scattered case study-based knowledge	X					<i>Where? Climate change adaptation, traditional knowledge, skills and practices Rural-urban linkages, value chains, governance, collective action</i>
Knowledge about past states/trends	x					
Knowledge about current situation		X				
Knowledge about future states/trends/thresholds			X			
Knowledge about the system		X				
Knowledge about shaping pathways to more sustainable development (transformation knowledge)			X			
Knowledge about envisaged goals (target knowledge)		x	x			

Ideas for questions to potentially be answered by the moderators after the workshop in the reporting (please delete what is not useful):

- 1) Were there any new insights and/or findings presented? If yes, which ones?
- 2) What was the main message/consensus of your workshop?
- 3) Were major uncertainty issues identified and discussed? If yes, which ones?
- 4) Were new research questions raised? If yes, would working on these questions need to involve other disciplines (which ones)? It is all inter and trans disciplinary
- 5) Did the workshop identify research topics (e.g. environmental drivers other than climate) that are, in your opinion, currently greatly underrepresented in mountain research, but should urgently be addressed? See above

**Further Comments**