



**MOUNTAIN
HER**

Deliverable achievement report

Deliverable 1.3.1

Description of the task

Task 1.3 Ensure linkage to good practices and solutions developed under other projects (Open Fields) The project intends to capitalize on the results of previous and parallel projects, through:

- a) conducting a survey to identify previous and ongoing projects aligned to the present one;
- b) exchanging with selected contacts of the projects' partners whenever deemed useful.

During the annual technical progress meetings, the task lead will present the status of other projects and possible inputs and strategies to be included in MountainHER.

Description of completion

As from the proposal, a survey has been conducted among partners, during the several project meetings and by means of a shared excel table where partners could insert key indications regarding projects.

The excel table will be further updated during the development of the project.

The present report shows the results of the performed activity.

The elements of the excel table

Name and surname of the person who indicates the project	We can always refer to the person who mentioned specific projects
Section (please choose from list)	<p>We identified possible section to classify the indicated projects, and precisely:</p> <ul style="list-style-type: none"> • Agroecological practices • Circular economy • Durum and barley cultivation in mountains • Mountain foods • Women empowerment • Mountain rural development • Mountain agriculture
Project title	Publicly financed projects always have a title
Publicly financed or private	All mentioned projects in this first survey are publicly financed
Financial source (kind of project, private source...)	
Situation	Here we mention if the project is either closed or ongoing, which is a relevant information, because if the one hand interaction is easier when projects are still ongoing, on the other hand closed project may offer a better perspective of the effectiveness of the tested / developed good practices.
Website or social network link	
Twitter link of the project	
Contacts (name of responsible, partner, person that can be contacted for interview)	The contacts (if available) can be useful should questions arise
Main contact (e-mail, phone number)	
Short description	
Why is this project inspirational for MountainHER?	

The identified projects

The activity brought to the identification of 25 projects linked to the different “perspectives” of the MountainHER project and mostly regarding the rural development in mountains and women empowerment. They are equally divided between closed and ongoing projects.

Typologies of projects	Number of projects
Mountain rural development	8
Women empowerment	4
Agroecological practices	5
Circular economy	3
Mountain agriculture	3
Durum and barley cultivation in mountains	2
Total	25

The following table shows the list of identified projects.

Project title	Website or social network link
'Leaving something behind' - Migration governance and agricultural & rural change in 'home' communities: comparative experience from Europe, Asia and Africa	https://agrumig.iwmi.org/
4CE-MED	https://www.4cemed.eu/accueil/
AE4EU: Agroecology for Europe	https://www.ae4eu.eu/
Agricultural Value Chain Development Programme in the Mountain Zones of Taza Province	https://www.ifad.org/fr/web/operations/-/projet/1100001525
AGROGEN: The mountain agriculture as an opportunity for youth	https://www.agrogenproject.eu/
AppenBio	https://www.appenbio.eu/
Cerealmed: Enhancing diversity in Mediterranean cereal farming systems	https://www.cerealmed.eu/it/
CLCA	n.a.
Farms4Climate: Smart governance and operational models for agroecological carbon farming	https://www.farms4climate.eu/
ForWomen - connected by knowledge and experience	https://klubselo.hr/projekti/nagrada/zazene-povezane-znanjem-i-iskustvom
Gendibar	https://www.gendibar.com/eng/home
GRASS: Gender Equality in Rural and Agricultural Innovation Systems	https://cordis.europa.eu/project/id/101083408
Med-Inn-Local: Innovations autour de la valorisation des spécificités locales dans les arrières-pays méditerranéens	https://mediter.ird.fr/anr-med-inn-local
MEDWHEALTH: Development of new wheat-derived foods on the Mediterranean diet with improved nutritional and health value	http://www.unitus.it/it/dipartimento/medwhealth
MOVING: MOUNTAIN Valorisation through INterconnectedness and Green growth	https://www.moving-h2020.eu/ https://cordis.europa.eu/project/id/862739
Production of food, biocomposites and biofuels from cereals in the circular bioeconomy	https://projekt-klima.eu/
ReCrop: Bioinocula and CROPPing systems: an integrated biotechnological approach for improving crop yield, biodiversity and REsilience of Mediterranean agro-ecosystems	https://mel.cgiar.org/projects/recrop
Regulated organic seed supply chains for wheat evolutionary populations: an important asset for organic agriculture	www.gobreedforbio.it
Rural Development Programme in the Mountain Zones of Sefrou and azilal	https://www.ifad.org/en/web/operations/-/project/1100001727
Solidarity and Integrated Agriculture Project in Morocco	https://www.ada.gov.ma/en/news/closing-workshop-solidarity-and-integrated-agriculture-project-morocco-asima
Strengthening national capacities and regional integration for efficient conservation of plant genetic resources in a post-conflict region	n.a.
Taza Mountain Integrated Rural Development Project for the pre-Rif Region	https://www.ifad.org/en/web/operations/-/project/2000002073
Technical assistance to the project management cells of DRI-PMH project (Morocco); Assistance technique aux cellules de gestion du projet DRI-PMH (Maroc)	http://www.secheresse.info/spip.php?article38950
The Rural Development Project of the Atlas Mountains	https://www.agriculture.gov.ma/fr/projet/developpement-rural-des-montagnes-de-latlas
Views, Experiences and Best Practices as an example of possible options for the national implementation of Article 9 of the International Treaty	https://www.agriculture.gov.ma/

Key takeaways of the research, useful for the MountainHER project

Suggestion	Source: projects
a) Varieties, cultivation, seeds	
Wheat populations have proven effective on mountains, thanks to their adaptability and higher stability of yields.	Bio2, Breed4Bio
Own seed production requires specific practices to ensure quality. By means of a professional seed management it is possible to obtain – in an environmentally and economically sustainable way – high quality seeds (germinability, absence of phytosanitary issues), with requirements compatible with European and international standards. These management procedures can become part of a possible disciplinary of the cooperative, that can become a template for other cooperatives.	Breed4Bio
Rotations, cover crops are key elements of the practices we want to enhance in MountainHER. We can base wheat farming on biodiversity, using pulses such as chickpeas and lentils (landraces, wild relatives) in rotation and consociation to restore nitrogen in soils. Also Camelina, an ancient crop with high nutritional values can be interesting, as a profit-enhancing cover crop.	Cerealmed, Appenbio, 4CE MED
A lot can be done with the remaining biomass from wheat, barley and corn, and possibilities depend on the quantity and quality of this biomass. Therefore, we might benefit from analyses that pursue, with measures, the definition of the optimal equilibrium between grains and biomass.	KLIMA
b) Development of work opportunities and motivate evolution	
Key drivers for the creation of job opportunities on mountain areas. Successful stories have shown, in projects, to have these elements in common: traditional products and varieties; use of scientific knowledge to be able to work in the best possible way including both productivity and sustainability; very special products that are not for daily consumption; assumption that they cannot compete in supermarkets: sales spaces are tourist areas or specialized markets. Seeing oneself as entrepreneur and as committed citizens as well as farmers. The valorisation of local specificities is an opportunity and a challenge, that can benefit from a scientific approach. The children of mountain people study and	Agrogen, Med-Inn-Local

<p>sometimes live in cities, but they keep a strong link with their local traditions, thus becoming a bridge to make local specificities appreciated by tourists.</p>	
<p>Beyond experimental farming, a project points out the importance of relations, inspiration, socio-cultural motivation. “Internal” communication is at least as important as communication towards “external” stakeholders.</p>	Farms4climate
<p>We can always benefit of the association of scientific techniques (such as bioinocula, water efficiency in drylands ...) to improve / protect the condition of soils and the identification of motivational elements to induce farmers to work in a greener way.</p>	Recrop, CLCA
<p>Measuring the effect of the choice to adopt new practices is relevant, therefore we can benefit from other examples of the application of a robust. Consistent and science-based analytical framework.</p>	4CE-MED
<p>To adopt innovative solutions, farmers can benefit from technical assistance, that reduces uncertainty and enhances motivation. The way technical assistance is provided, its quality, its effectiveness can create positive case histories that enhance motivation.</p>	Assistance technique aux cellules de gestion du projet DRI-PMH
<p>Integrated government approaches can be inspiring when MountainHER tackles the communication with institutions, is the program for the rural development of the Atlas mountains, and other mountain zones in Morocco. These projects, by addressing poor local farmers, often address young people and women.</p>	The Rural Development Project of the Atlas Mountains and other mountain areas, Solidarity and Integrated Agriculture Project
<p>c) Climate change</p>	
<p>In the MountainHER project we engage with the effects of climate change every day, especially in terms of increased weather variability and “intensity”. A year (2022) with exceptional heat is followed by another (2023) where some countries face drought and others daily, heavy rains, and/or when rain comes “at the wrong time”, increasing the risk not only of lower yields but also of spoiled quality. Resilience-wise, it is important to compare different climatic conditions among countries and develop complying procedures. Moreover, it is interesting to understand how the pursue of resilience can favour the development of upgraded and upscaled value chains, valorising local assets and delivering private and public goods.</p>	Moving

MountainHER focuses on barley to produce malt as an ingredient for a whole range of products, with relevant nutritional (and also organoleptic) value. We can receive information on barley varieties that better adapt to climate change, particularly heat waves.	Gendibar
d) Women empowerment	
What do women and young persons bring to agriculture? They can bring the ability to cooperate, and to open the mind to innovation. We must ensure that they have the opportunity to develop and express this capacity.	GRASS Ceiling, ForWomen
e) Agroecology	
We can find hints on the best way to make agroecology principles understood, and to organize living labs that are able to put the scientific and social “souls” of this concept.	AE4EU, CLCA
e) Healthy products	
MountainHER does not aim at creating products that compete on price: our products will be not only socially virtuous but also healthy and tasty. We may benefit from the results of projects that measure and underline the effect of the cereals we are working with on the health of consumers, through the improved health of microbiota: consumers are increasingly gaining awareness of the relation between healthy food, healthy microbiota and an healthy life.	Medwhealth



**MOUNTAIN
HER**

Empowering women in mountain
farming communities



PRIMA
PARTNERSHIP FOR RESEARCH AND INNOVATION
IN THE MEDITERRANEAN AREA