

LIFE PASTORALP

Pastures vulnerability and adaptation strategies
to climate change impacts in the Alps



PASTORALP PLATFORM



For more information, visit our website:

<https://www.pastoralp.eu/homepage/>



LIFE Pastoralp



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LIFE
PASTORALP

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PASTORALP PLATFORM

The online platform was created as a result of the **LIFE PASTORALP** project (**LIFE16 CCA/IT/000060**) and is designed as a **support tool** for pastoral communities, policy makers and other stakeholders (people working in the field, scientists, citizens, etc.) to receive useful information on coping with **climate change in alpine pastures**. The PASTORALP platform is a repository, a viewer of the main results from the LIFE PASTORALP project and aims to generate greater **stakeholder awareness** on the **vulnerability** of mountain pasture systems, expected **impacts** and **adaptation measures**. It allows for an integrated view of **future climate** projections in the two Alpine study areas (**Parc National des Ecrins and Gran Paradiso National Park**), the impacts of climate change, and the vulnerability of mountain pasture resources, offering feasible adaptation strategies to be adopted and promoted. The **open access** mode of the platform and its user-friendliness allow the **dissemination of the results** obtained from the LIFE PASTORALP project to all stakeholders and potential new users, thanks to a set of **suggestions that can be easily replicated** in other mountain pasture areas.

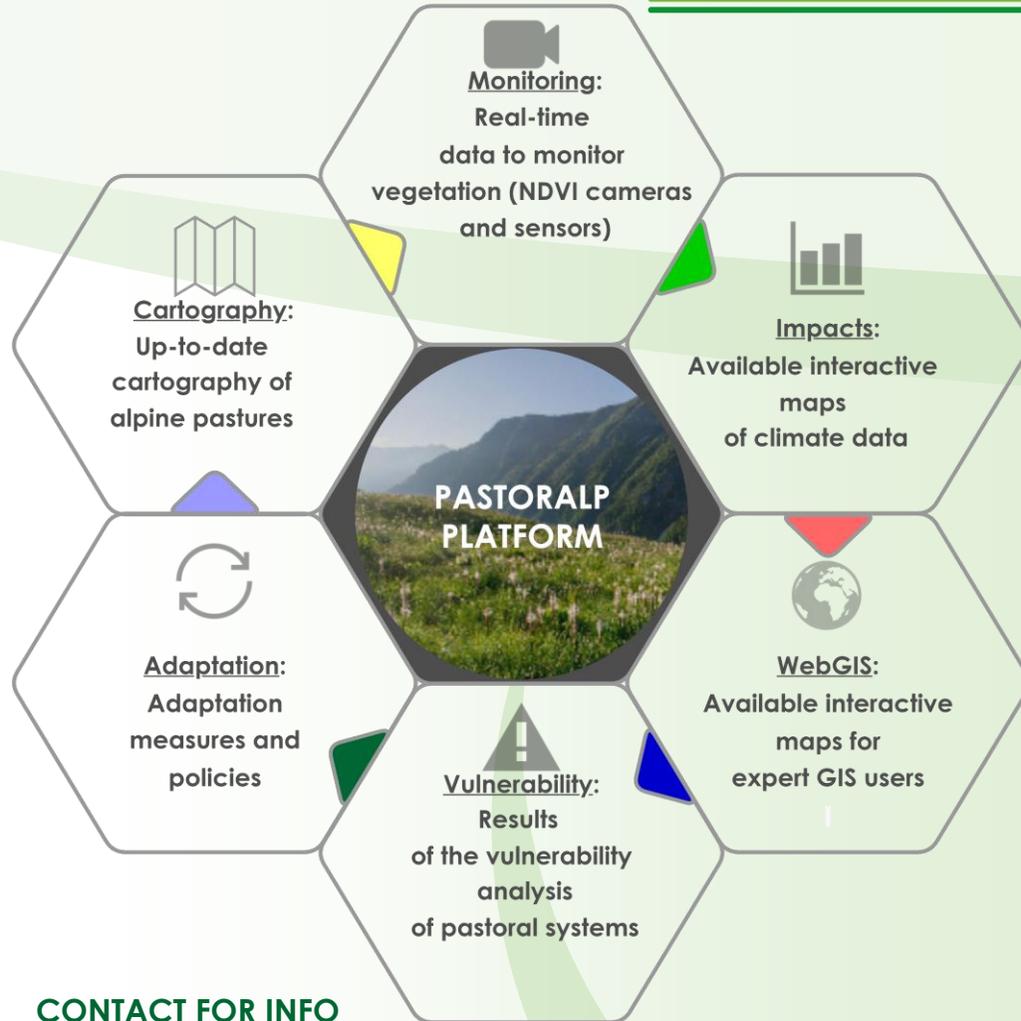
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The **PASTORALP PLATFORM** contains up-to-date **cartography** of major mountain pastoral types at a functional scale for pastoral management. Data from **cameras and sensors** placed in the two study areas are available **in real time**, which are useful for monitoring temperature and air moisture, phenology, and productivity of mountain pastures. User-friendly **interactive maps** provide information regarding current and future climate data (2011-2040 and 2041-2070) according to the Intergovernmental Panel on Climate Change (IPCC) «Representative Concentration Pathways» (RCP) 4.5 and 8.5 scenarios. In addition, the platform contains a set of **adaptation measures** identified through stakeholder **consultations** and **modeling tools**, considering their applicability, impacts on biodiversity, and success factors. **Vulnerability** is analyzed through biophysical, biodiversity and socioeconomic indicators. Finally, interactive maps produced during the project are available in a **WebGIS** environment that can be used by GIS (Geographical Information Systems) software expert users.

HOW TO ACCESS

The LIFE PASTORALP online platform is available at:
<https://www.pastoralp.eu/tools/>

PLATFORM



CONTACT FOR INFO

Data obtained from the project and maps are available to users. Please request data at this email address:

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THE PLATFORM

Help us improve the platform by filling out the questionnaire!

QUESTIONNAIRE

