

AlpES Alpine Ecosystem Services – mapping, maintenance and management



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Our objective...

... is to introduce a common understanding of ecosystem services (ES) as a regional and transnational environmental governance framework and train and support the AlpES target groups in understanding, valuing and managing them.

The Alpine space...

... is an important provider of ES, which are one of the main pillars of a Green Economy in the Alps and a key driver of Alpine development.



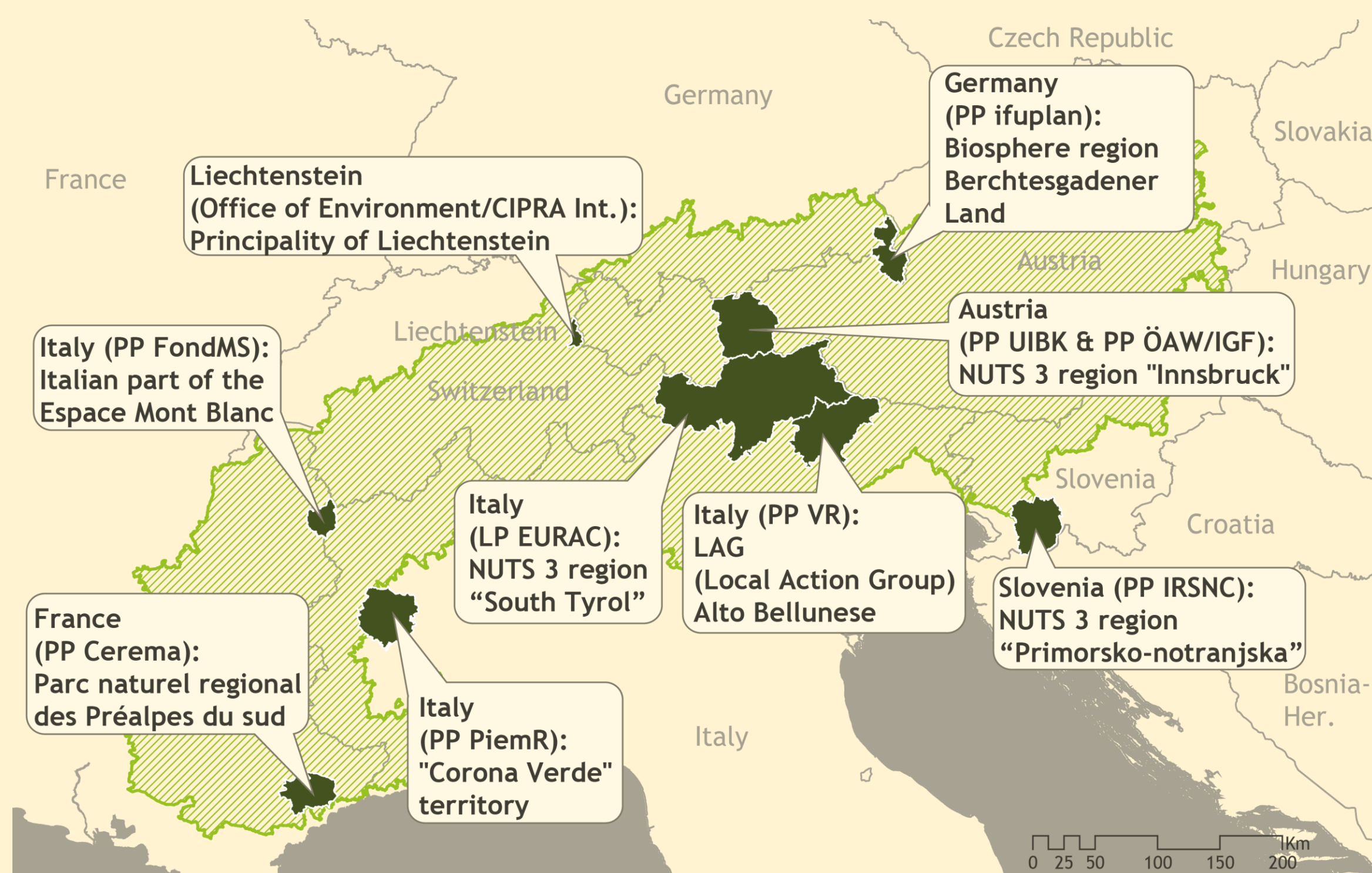
The AlpES approach

1 Ecosystem services – Alpine concept

Development of a common understanding of ES in the Alpine space and of a harmonized ES mapping and assessment concept for the Alpine space.

2 Mapping & Assessment

Mapping and assessment of ES for the whole Alpine space area including the testing in 9 different study regions.



3 Web GIS & WIKIAlps

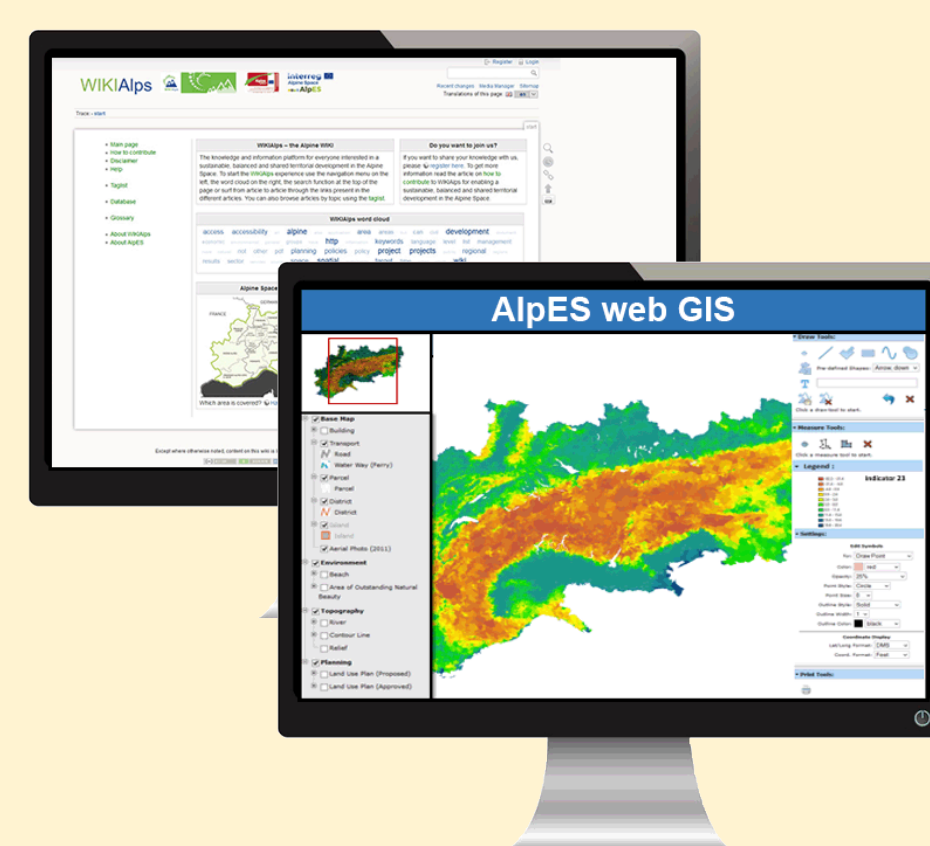
Provision of stakeholders with the results through an interactive web GIS and publication of additional information in www.wikialps.eu, the Alpine wiki.

4 Capacity building model

Multi-level and cross-sectoral transfer of AlpES results to a maximum number of stakeholders via a suite of innovative, tailored and transferable learning tools and targeted activities.

AlpES will assess eight ES

1. Groundwater for drinking with minor or no treatments
2. Biomass production from grassland
3. Fuel wood
4. Filtration of air pollutants by ecosystem types
5. Protection of areas against avalanches, mudslides and rockfalls
6. CO₂ sequestration by forests and bogs
7. Outdoor recreation activities (including enjoyment and willingness to preserve)
8. Symbolic alpine plants and animals, landscapes



- ✓ Trainings
- ✓ Transnational workshops
- ✓ E-learning tool

Synergies with other projects

OPERAs (FP7)
OpenNESS (FP7)
ESMERALDA (Horizon 2020)
PEGASUS (Horizon 2020)
SPARE (Alpine Space Programme ASP 2014-2020)
WIKIAlps (ASP 2007-2013)
greenAlps (ASP 2007-2013)
recharge.green (ASP 2007-2013)
Making Good Natura (LIFE+)
DIAMONT (Interreg IIIB Alpine Space)
RAUMALP (ÖAW)

Knowledge to be built on

MAES process
CICES and EUNIS classifications
PRESS project – PEER Research on ES
EEA and JRC ecosystem services databases
BISE (Biodiversity Information system for Europe)
National expertise in ES assessments (e.g. TEEB and partners' expertise)

EU Strategy for the Alpine Region

Contribution to
Action Group 6 "To preserve and valorise natural resources, including water and cultural resources"
Action Group 7 "To develop ecological connectivity in the whole EUSALP territory"

Stakeholder involvement

regular stakeholder involvement
targeted results transfer to stakeholders

Background information

Project duration 16 Dec. 2015 - 15 Dec. 2018

Funding 2.265.507,59 € (ERDF + public contribution)

Project website

www.alpine-space.eu/projects/alpes



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Partners

^a European Academy of Bozen/Bolzano (IT, Lead partner) • ^b University of Innsbruck (AT) • ^c Austrian Academy of Sciences (AT) • ^d Centre For Studies and Expertise on Risks, Environment, Mobility, and Urban and Country planning (FR) • ^e Safe Mountain Foundation (IT) • ^f Veneto Region (IT) • ^g Piedmont Region (IT) • ^h The Institute of the Republic of Slovenia for nature conservation (SI) • ⁱ Principality of Liechtenstein, Office of Environment (LI) + subcontractor ^j CIPRA International • ^k Institute for Environmental Planning and Spatial Development (DE)

Observers

Permanent Secretariat of the Alpine Convention • Euromontana • UNEP Vienna – Secretariat of the Carpathian Convention (UNEP Vienna – SCC) • Italian Ministry for the Environment Land and Sea (IMELS, IT) • Italian National Institute for Environmental Protection and Research (ISPRA, IT) • Department for Nature, landscape and spatial development / Autonomous Province of Bozen/Bolzano - South Tyrol (IT) • South Tyrolean Association of Municipalities Cooperative (IT) • Aosta Valley Autonomous Region, Department of agriculture, natural resources and forest rangers, Structure of protected areas (IT) • Local Action Group (LAG) Alto Bellunese (IT) • The Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management (AT) • Environment Agency Austria (AT) • Office of the Government of Tyrol, Department of Agriculture (AT) • Tyrolean Environmental Ombudsman (AT) • WWF Austria • Swiss Federal Office for the Environment FOEN (CH) • Federal Agency for Nature Conservation (DE) • Bavarian Environment Agency, Unit 15 "Sustainability, Indicators and Intermedia Environmental Protection" (DE) • German Alpine Association (DE) • Ministry for Ecology, Sustainable development and Energy (FR) • Region Provence-Alpes-Côte d'Azur (FR) • Ministry of the Environment and Spatial planning, Directorate for Spatial planning, construction and housing (SI)

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European Regional Development Fund