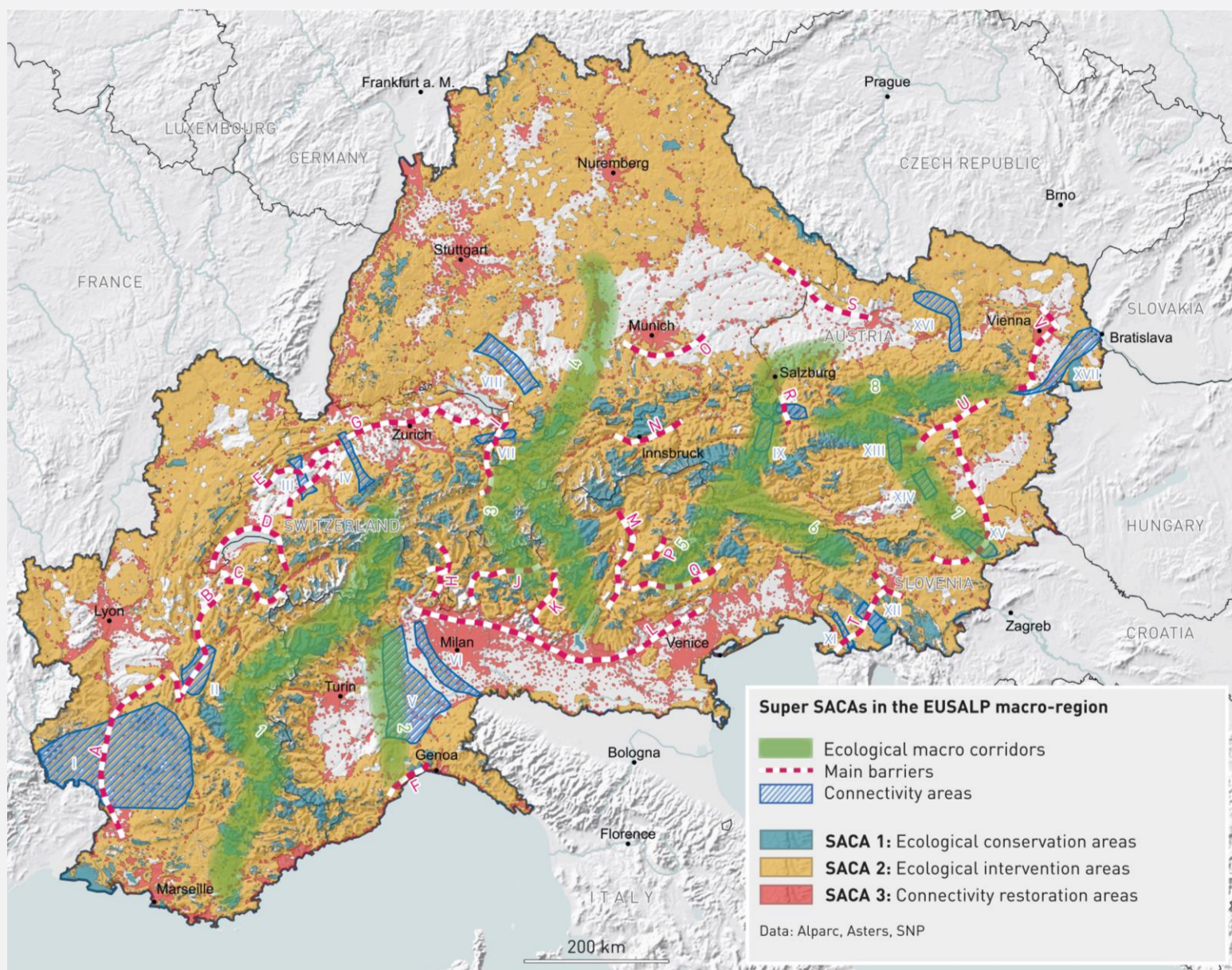


# ALPBIONET2030

Integrative Alpine wildlife and habitat management for the next generation

## The Alps: Connectivity Areas and Ecological Transects – Towards solutions to ensure Ecological Connectivity to and from the Alps?



Ecological connectivity is no longer ensured in many parts of the Alps, especially in the large belt area around the Alpine arc. To protect biodiversity and enable enough gene exchange and migratory movements of species, it is crucial to concentrate on measures in areas where connectivity is the most needed and where implementation is feasible. Transalpine ecological macro corridors and strategic connectivity areas are hot spots of connectivity allowing species to overcome barriers by improving landscape permeability through adequate measures and strategies.

The main features of Alpine ecological connectivity (barriers, ecological macro corridors and connectivity areas) that were collected and evaluated during the ALPBIONET2030 project are summarised on this map, which illustrates the high priority areas for action to ensure ecological connectivity for generations to come. Adapted measures need to be taken in these areas.

### STRATEGIC ALPINE CONNECTIVITY AREAS and RECOMMENDATIONS

- SACA1:** Ecological conservation areas  
Areas where ecological connectivity works quite well  
*Recommendation: conservation of the status quo*
- SACA2:** Ecological intervention areas  
Important links between SACA1s; connectivity is (partly) working  
*Recommendation: improvement / restoration measurements*
- SACA3:** Connectivity restoration areas  
Important barriers between SACA1s  
*Recommendation: remove barriers/mitigate negative impacts*

### PROJECT BACKGROUND

**Ecological connectivity** is the basis of Alpine and global habitat and species protection. However, since different areas have different tools and assessments to measure and improve biodiversity, a **main issue** is **realizing an integrative concept for the protection of ecosystems, wildlife and biodiversity.**

[www.alpbionet2030.eu](http://www.alpbionet2030.eu)

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**Lead Partner:** ALPARC – Alpine Network for Protected Areas  
**14 Project Partners from all Alpine Countries**

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