

# DINALPCONNECT Transboundary ecological connectivity of Alps and Dinaric Mountains



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Interreg V-B Adriatic-Ionian Cooperation Programme

# OVERALL PROJECT OBJECTIVE

To strengthen transnational and sectoral cooperation to improve ecological connectivity throughout Dinaric Mountains connecting them with the Alps enabling long term protection of biodiversity in view of current and future climatic changes.



# WHY ALPS – DINARIC MOUNTAINS?

South – north link very important in view of climate change!





# WHY ALPS – DINARIC MOUNTAINS?

Linking two mountain ranges rich in biodiversity!



# WOLF example

Travelled 1176 km in 98 days



Wolf SLAVC  
(Dinaric Mountains)



Wolf JULIET  
(Alps)





# Which are priority habitats requiring spatial connectivity?

## The Continuum Suitability Indicator (CSI)

### Population

Population pressure (density)

### Environmental protection

Protected areas, based on legal status, IUCN categories

### Fragmentation

Fragmentation by human infrastructure

### Topography

Absolute altitude and slope

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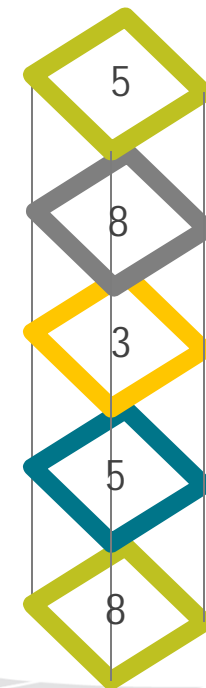
Evaluation 0 - 10

0 = Low permeability

10= High permeability

Methods:

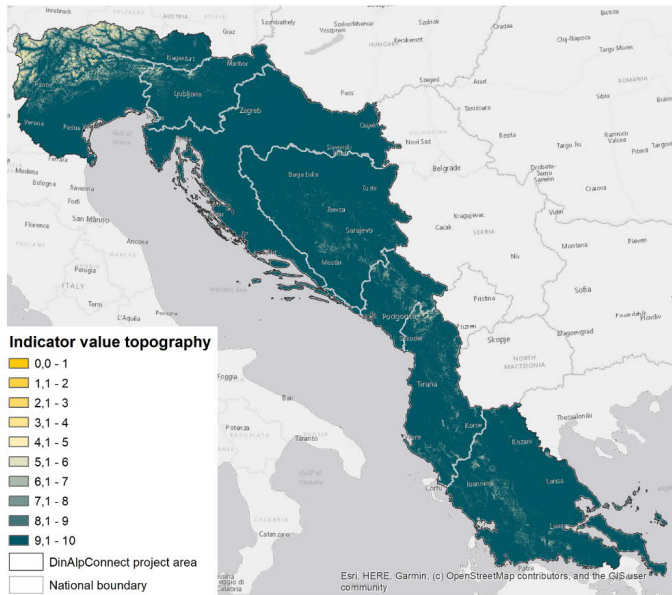
- Thresholds from Econnect, AlpBioNet
- Expert evaluation





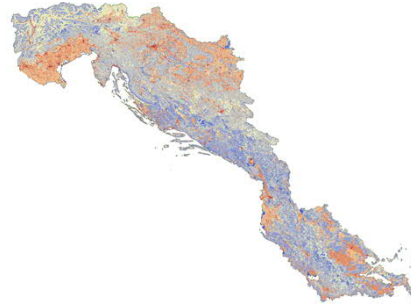
# FIRST RESULTS - MAPPING

Topography indicator (TOP) **TOPOGRAPHY**



Sources: Topography indicator based on European Digital Elevation Model (EU-DEM);  
 Administrative boundaries: Eurostat/GISCO 2016; Basemap: ESRI ArcGIS.  
 Eurac Research  
 Institute for Regional Development  
 Cartography: Peter Laner

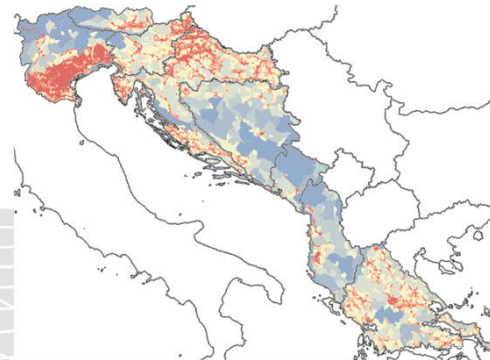
**LAND USE**



**POPULATION**

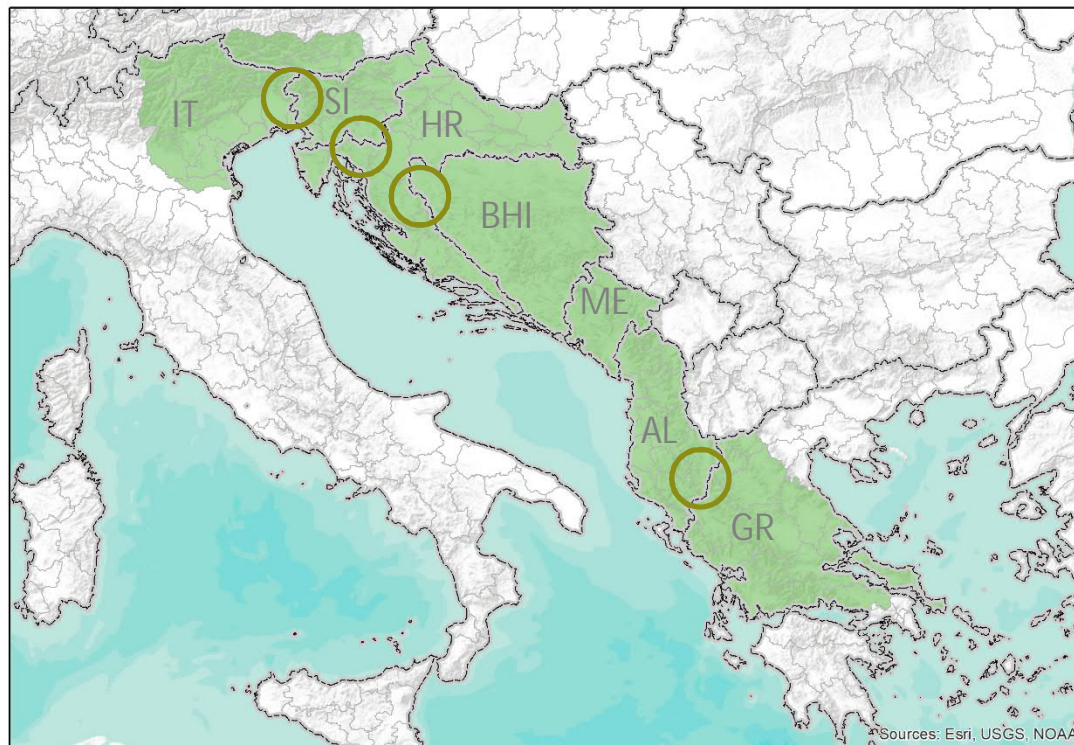


**FRAGMENTATION**

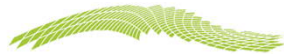


## Coordinated management of PAs – at which level?

PILOT REGION SCALE:  
ecological connectivity  
issues on the level of 4  
transboundary Pilot  
regions, mostly cross-  
border protected areas.







## Good practices from projects and beyond: why cooperation in EU projects can strengthen the effectiveness of activities?

1. Combining macro-regional and local level in the same project.
2. Bringin together different partners from diverse organisations at different level.
3. Encouraging partners to look „beyond the national border“.



PROJECT PARTNERS:

LP: Agricultural Institute of Slovenia (SLO, lead partner)

PP2 Slovenia Forest Service (SLO)

PP3 European Academy of Bozen (ITA)

PP4 Julian Prealps Nature Park (ITA)

PP5 Natura Jadera (CRO)

PP6 Association BIOM (CRO)

PP7 Center for energy, Environment and Resources (BIH)

PP8 Nongovernmental organisation Dinarica (BIH)

PP9 Development Solutions Associates (ALBANIA)

PP10 Agricultural University of Athens (GREECE)

PP11 Ministry of Agriculture and Rural Development of Montenegro (MNG)

I look forward to a fruitful discussion

