alpenkonvention convention alpine convenzione delle alpi alpska konvencija

Réseau Alpin des Espaces Protégés
Rete delle Aree Protette Alpine
Netzwerk Alpiner Schutzgebiete
Mreža zavarovanih območij v Alpah

Alpine Network of Protected Areas

Transboundary ecological network in the Alps

Alpine Network of Protected Areas

Alpine Convention

konvention convention alpine convenzione delle alpi alpska konve

Article 12 – Protocol „Nature conservation and landscape planning“ of the Alpine Convention

Ecological network

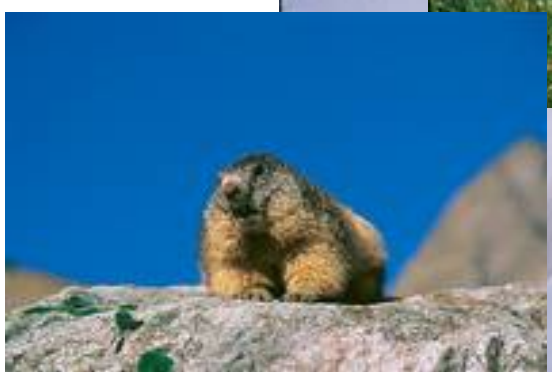
„The contracting parties take adequate measures to establish a network of existing national and transboundary protected areas, of biotopes and other protected elements or those to be protected. They commit themselves to harmonize the objectives and applicable measures in transboundary protected areas.“

Alpine Diversity

natural and cultural landscape

Alpine Diversity

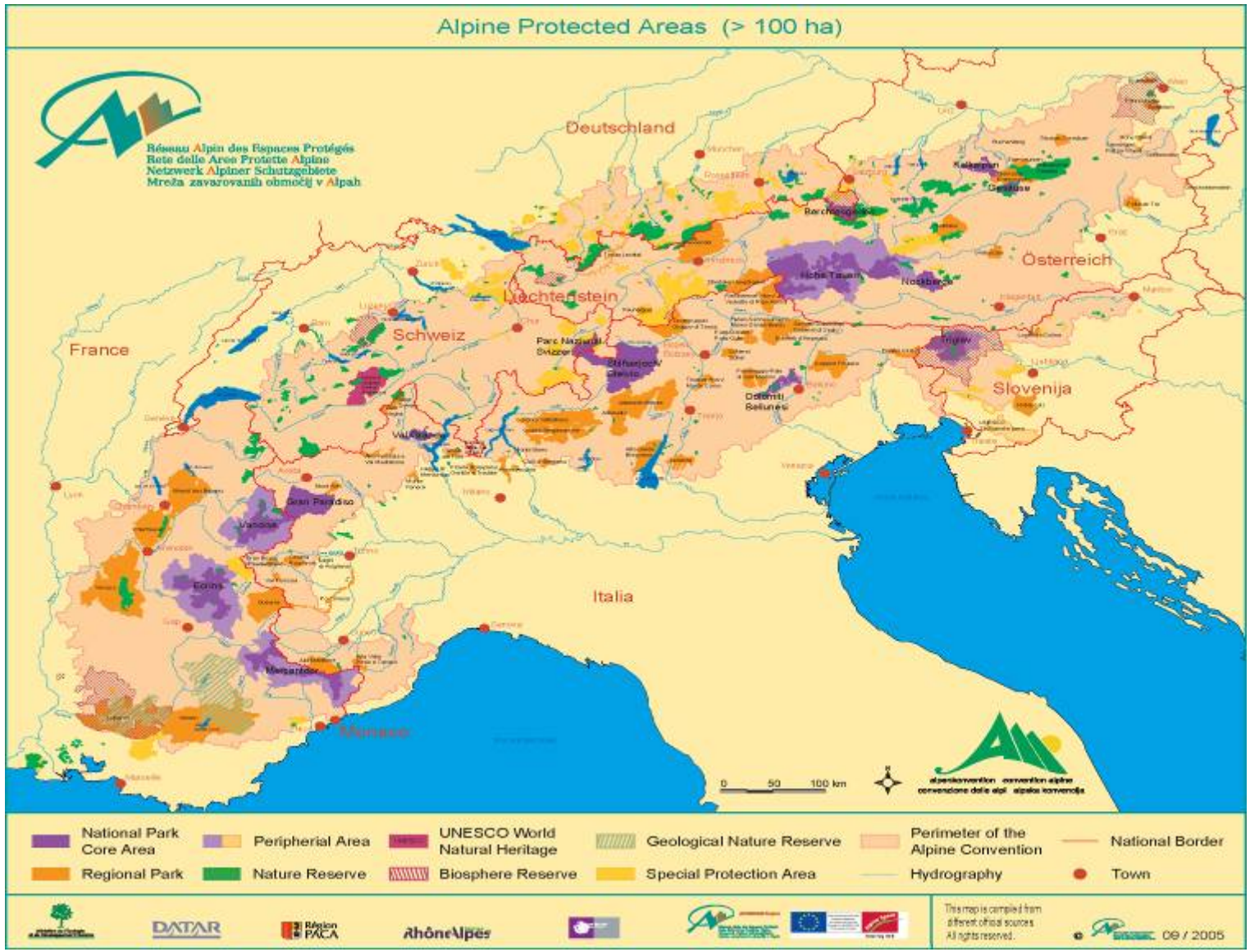
Flora and Fauna



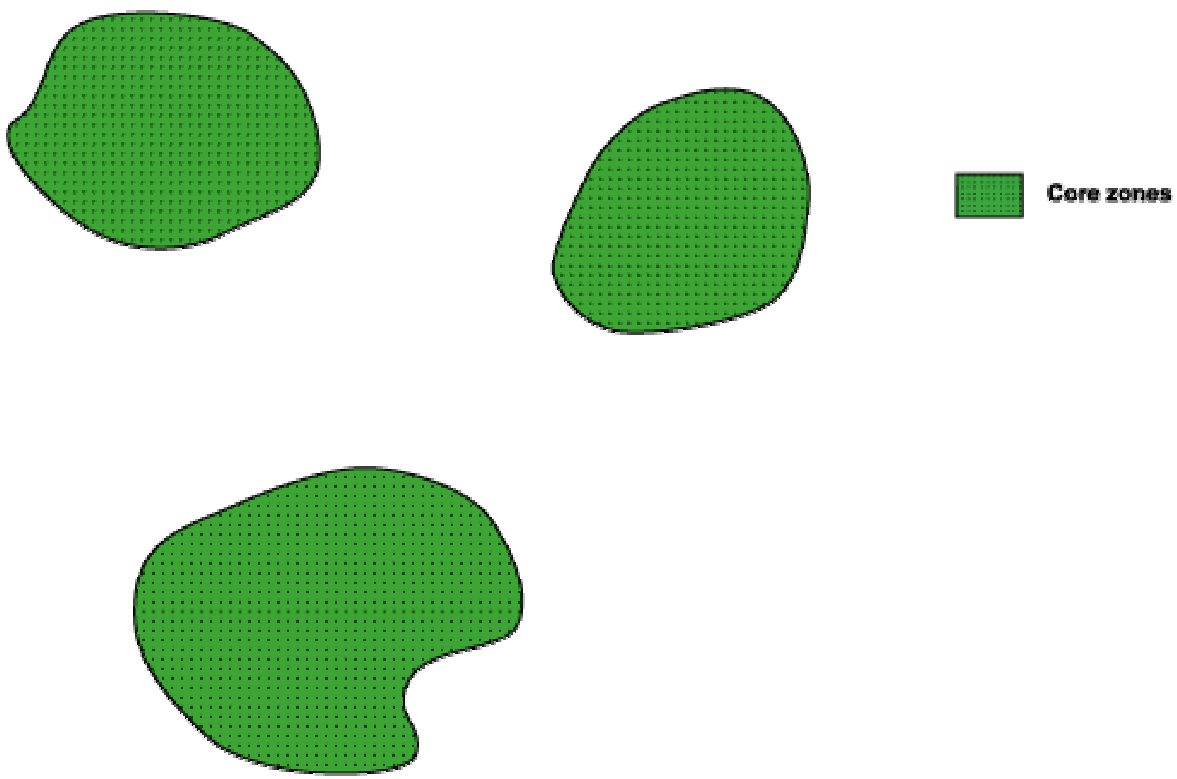
Alpine Diversity

threatened by landscape fragmentation

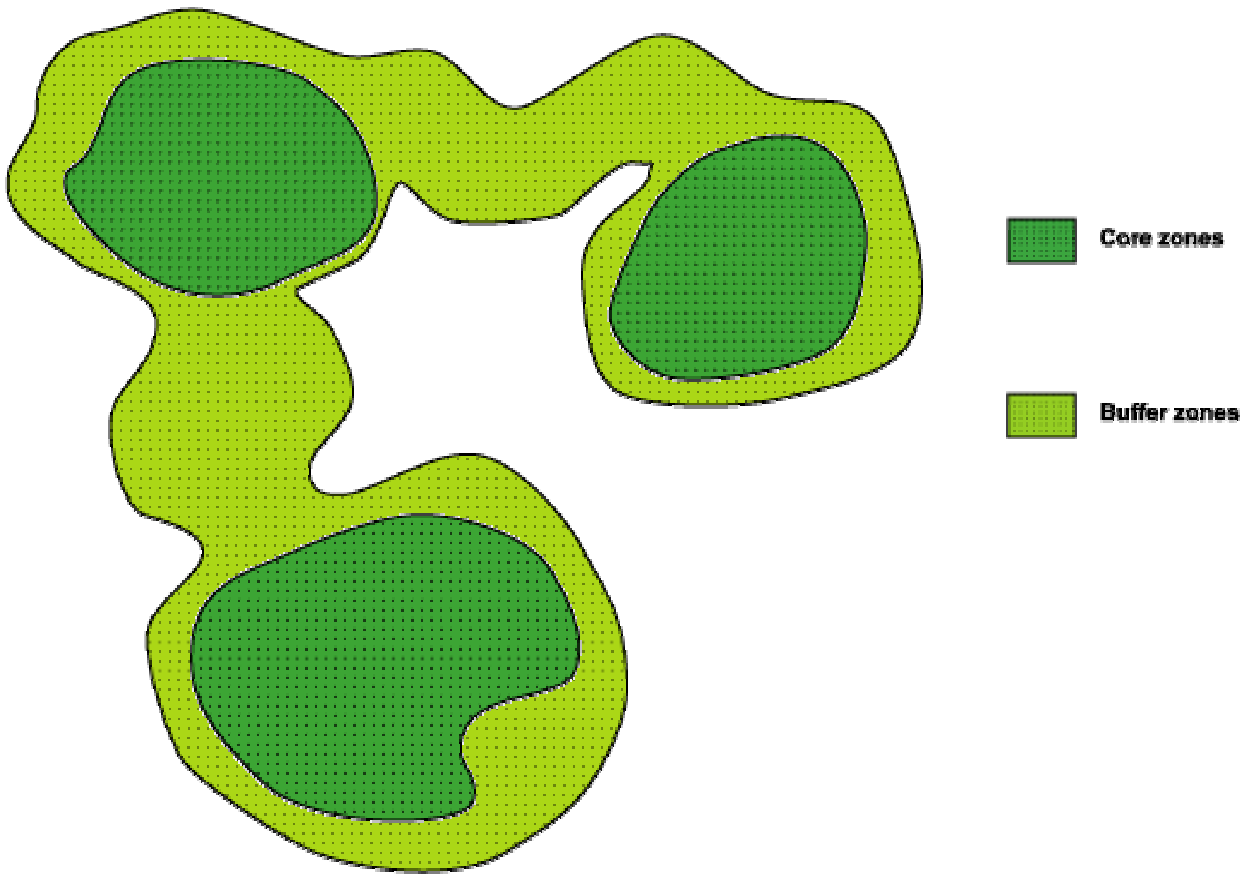
Alpine Protected Areas



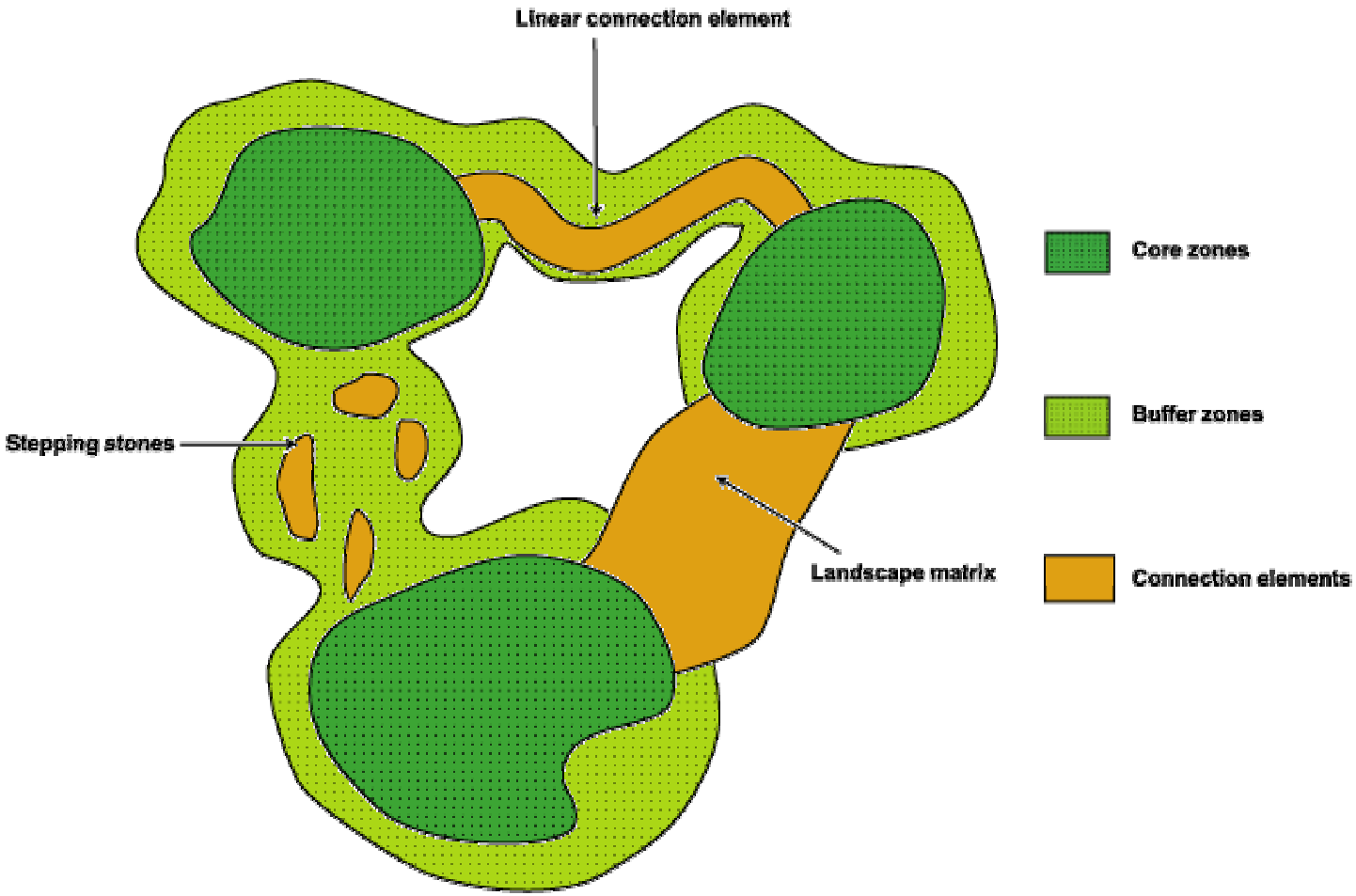
Concept: Ecological Network



Concept: Ecological Network

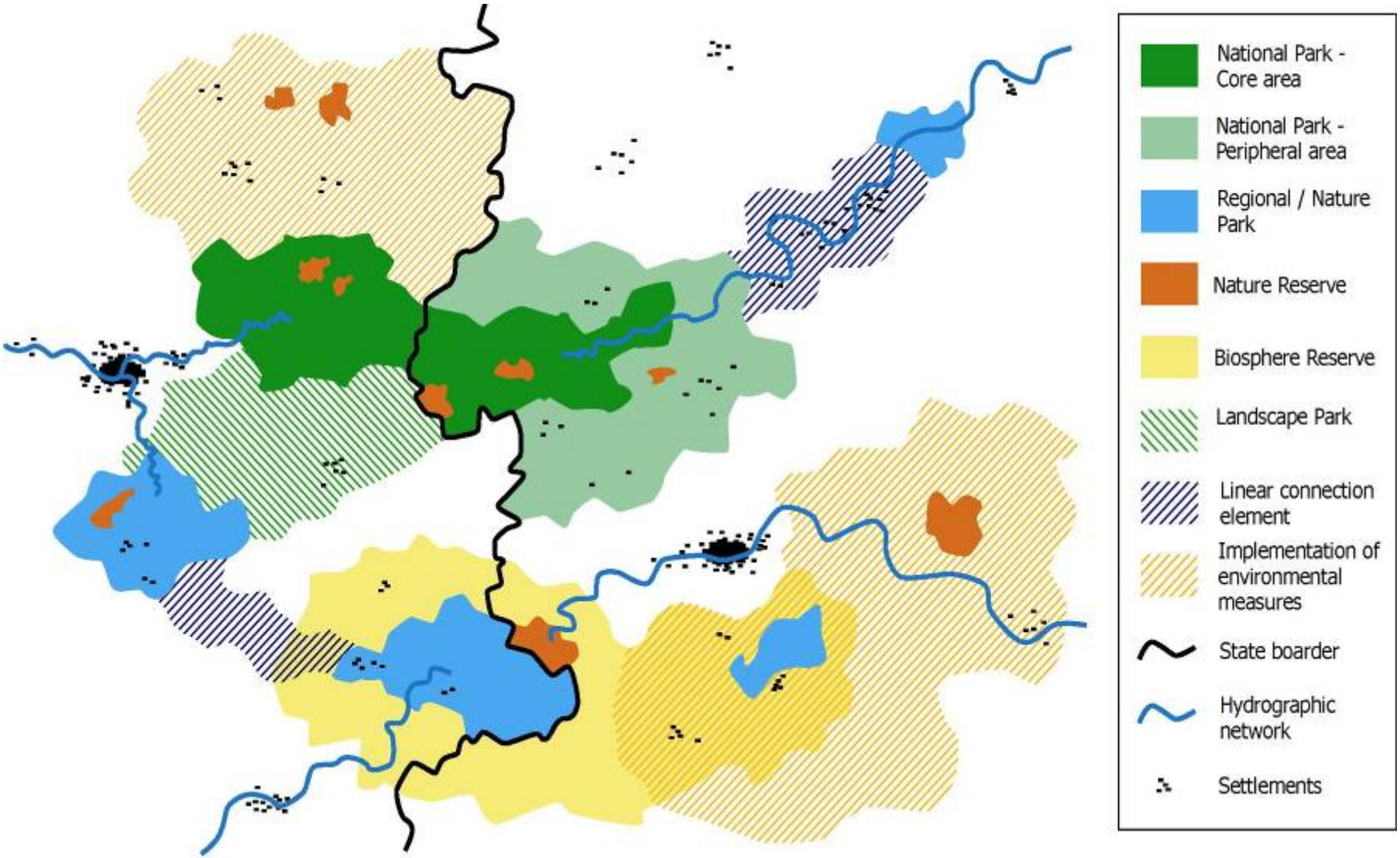


Concept: Ecological Network



Elements of an ecological network

Model: Ecological network of protected areas



Study: Transboundary ecological network

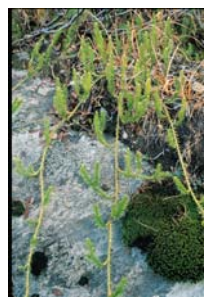
Mandat of the Alpine Convention

Inventories and analysis of the existing basics in the alpine countries

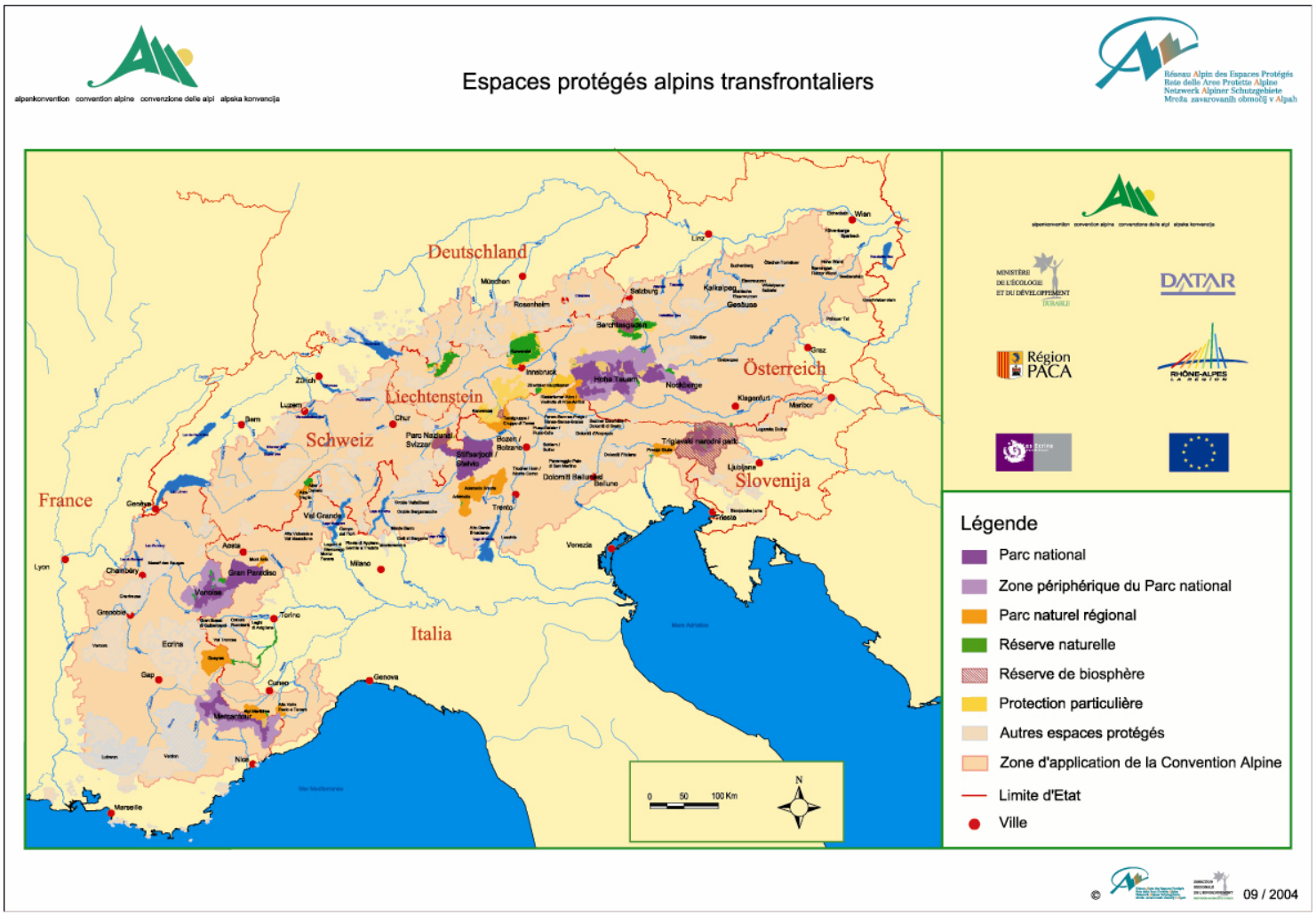
- **protected areas and existing connections**
- **different relevant conventions, guidelines, legislations**
- **favorable measures and programmes**
- **national strategies**

Analysis of the alpine protected areas

- **Transboundary protected areas**

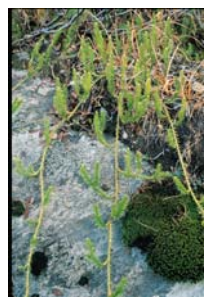


Protected Areas (1): Transboundary Protected Areas



Analysis of the alpine protected areas

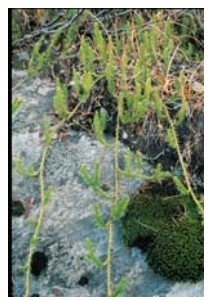
- Transboundary protected areas
- National complexes



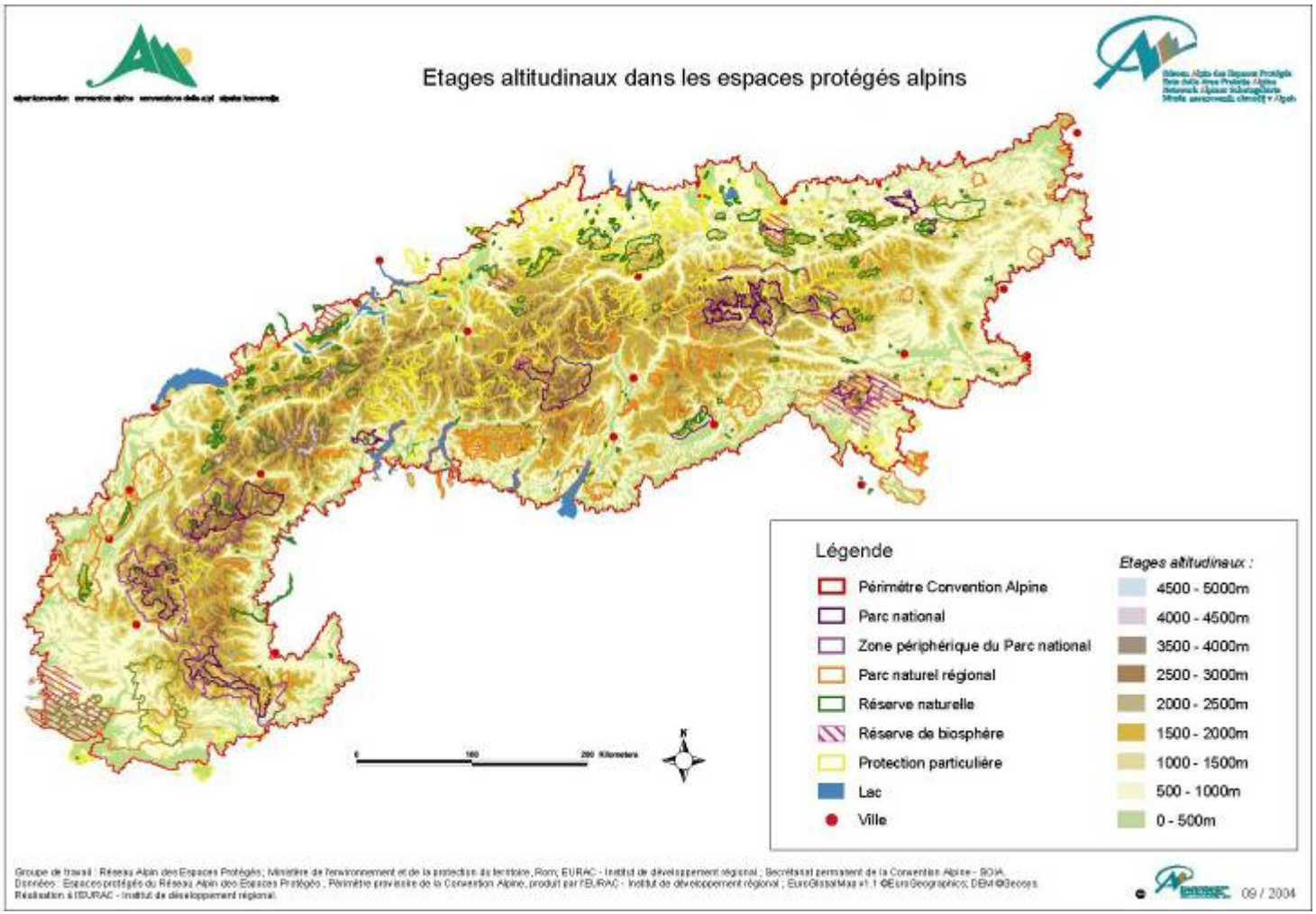
Protected Areas (2): National complexes of Protected Areas

Analysis of the alpine protected areas

- Transboundary protected areas
- National complexes
- Altitude

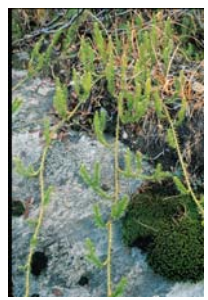


Altitude in the Alpine Protected Areas

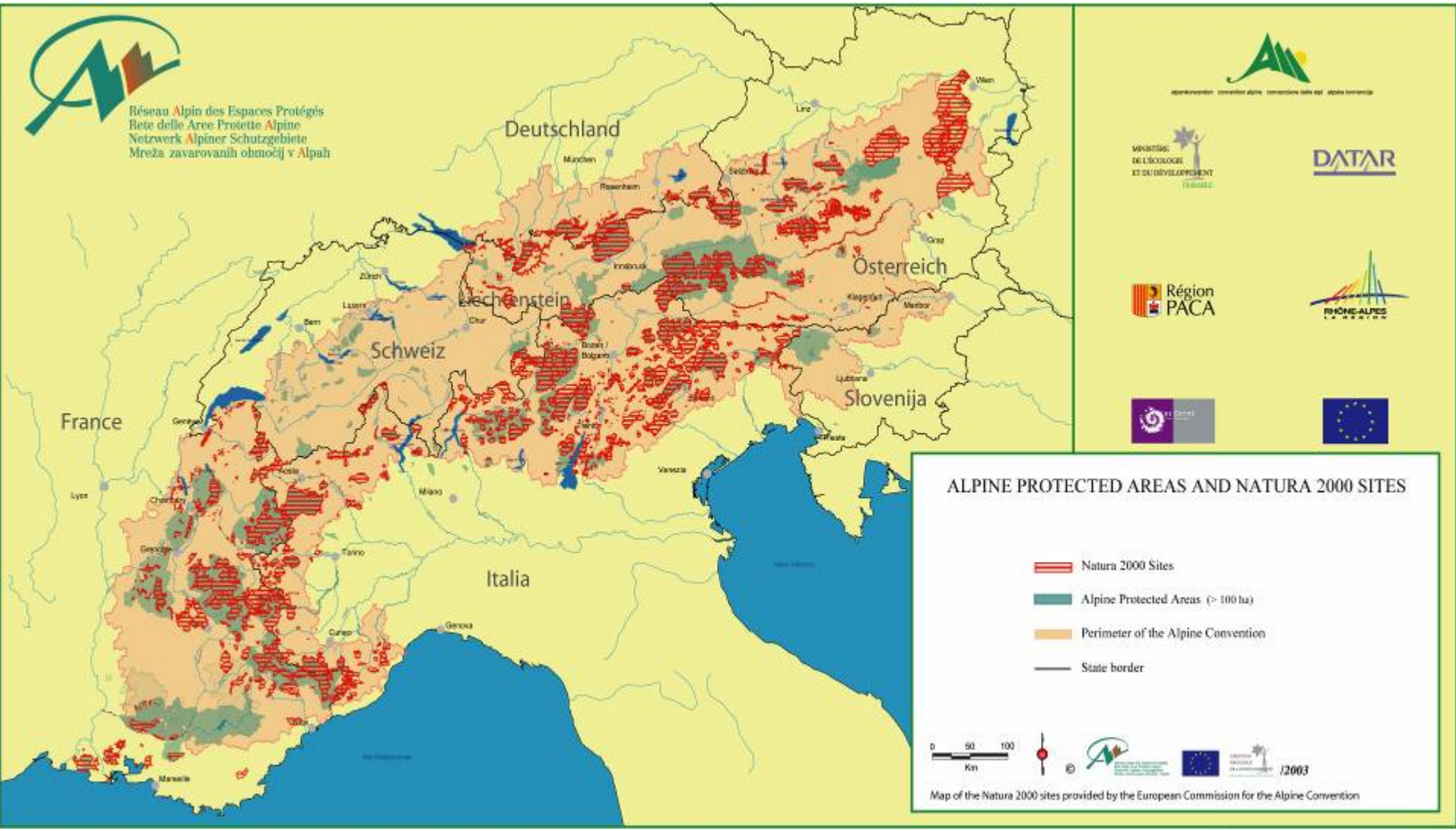


Analysis of the alpine protected areas

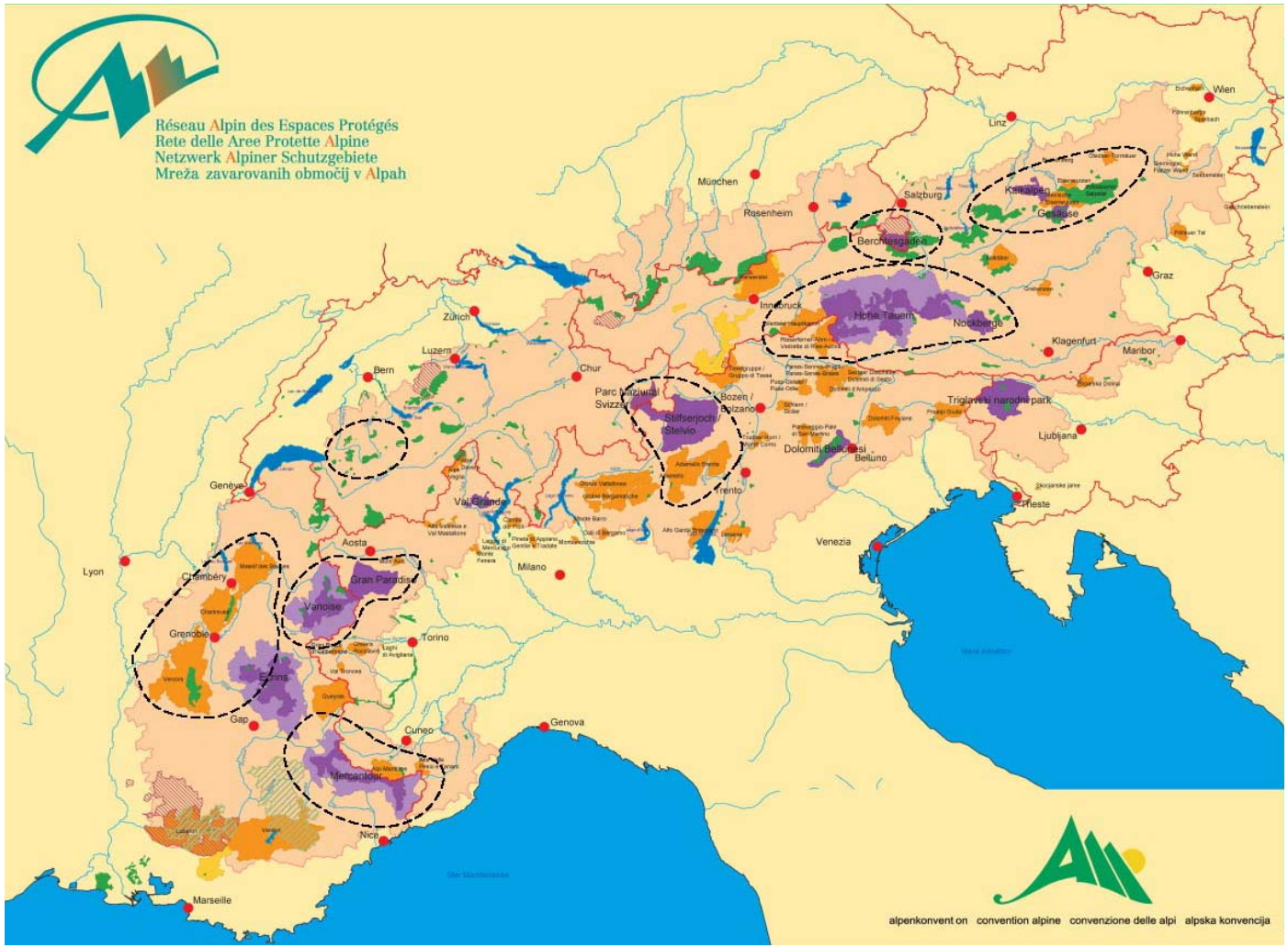
- Transboundary protected areas
- National complexes
- Altitude
- NATURA 2000 sites

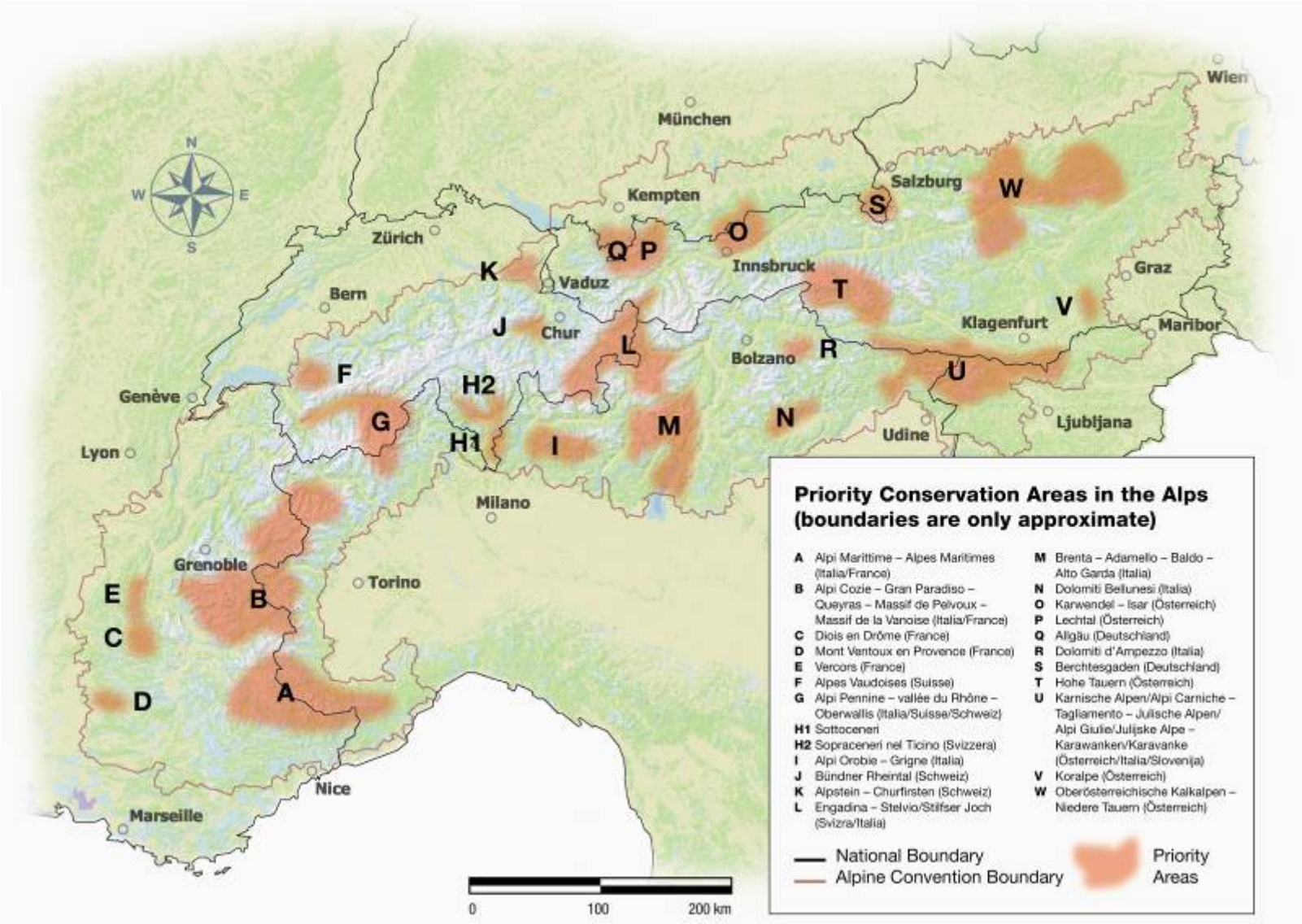


NATURA 2000 sites in the Alps

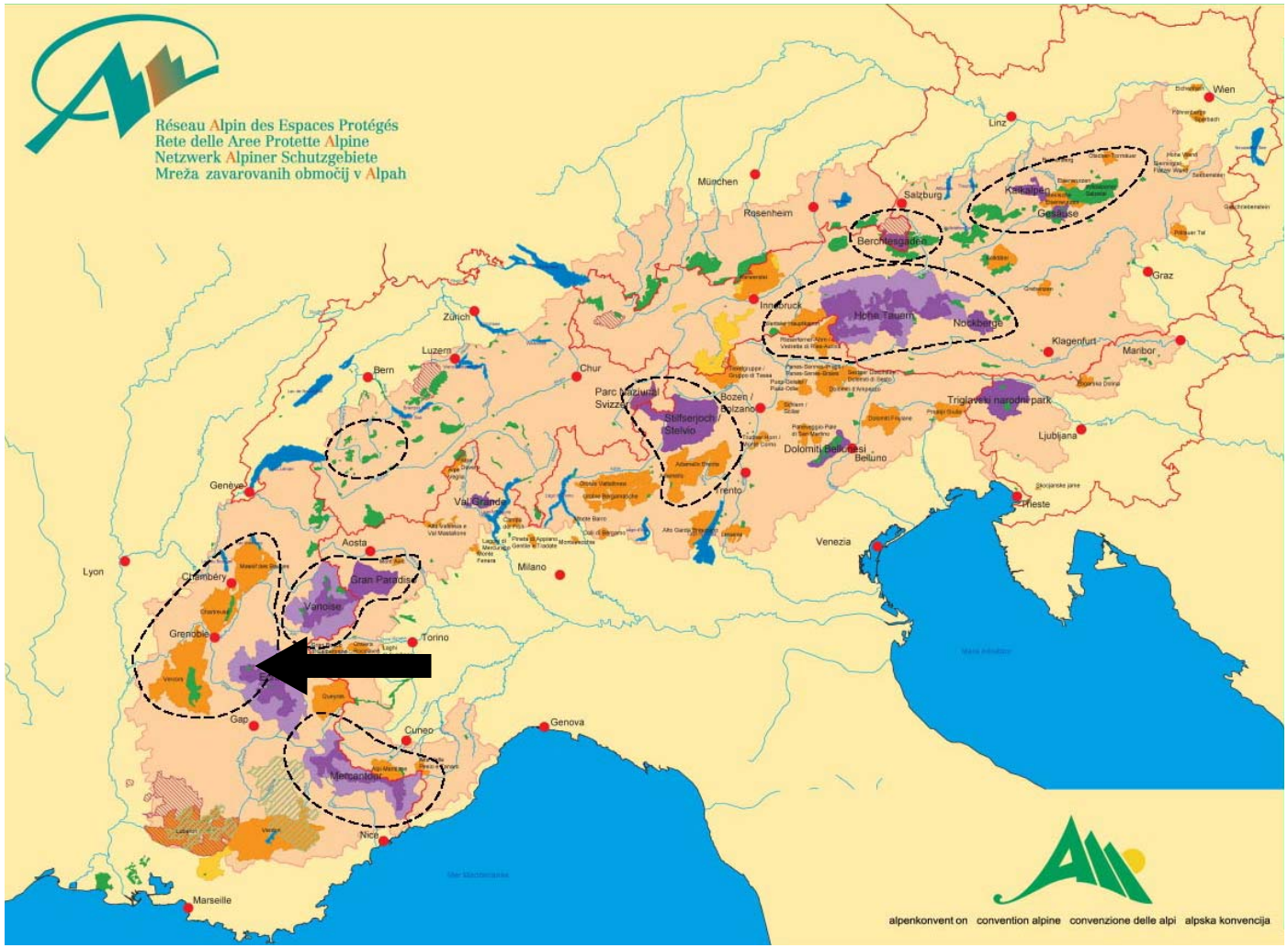


Further analysis in 8 model regions

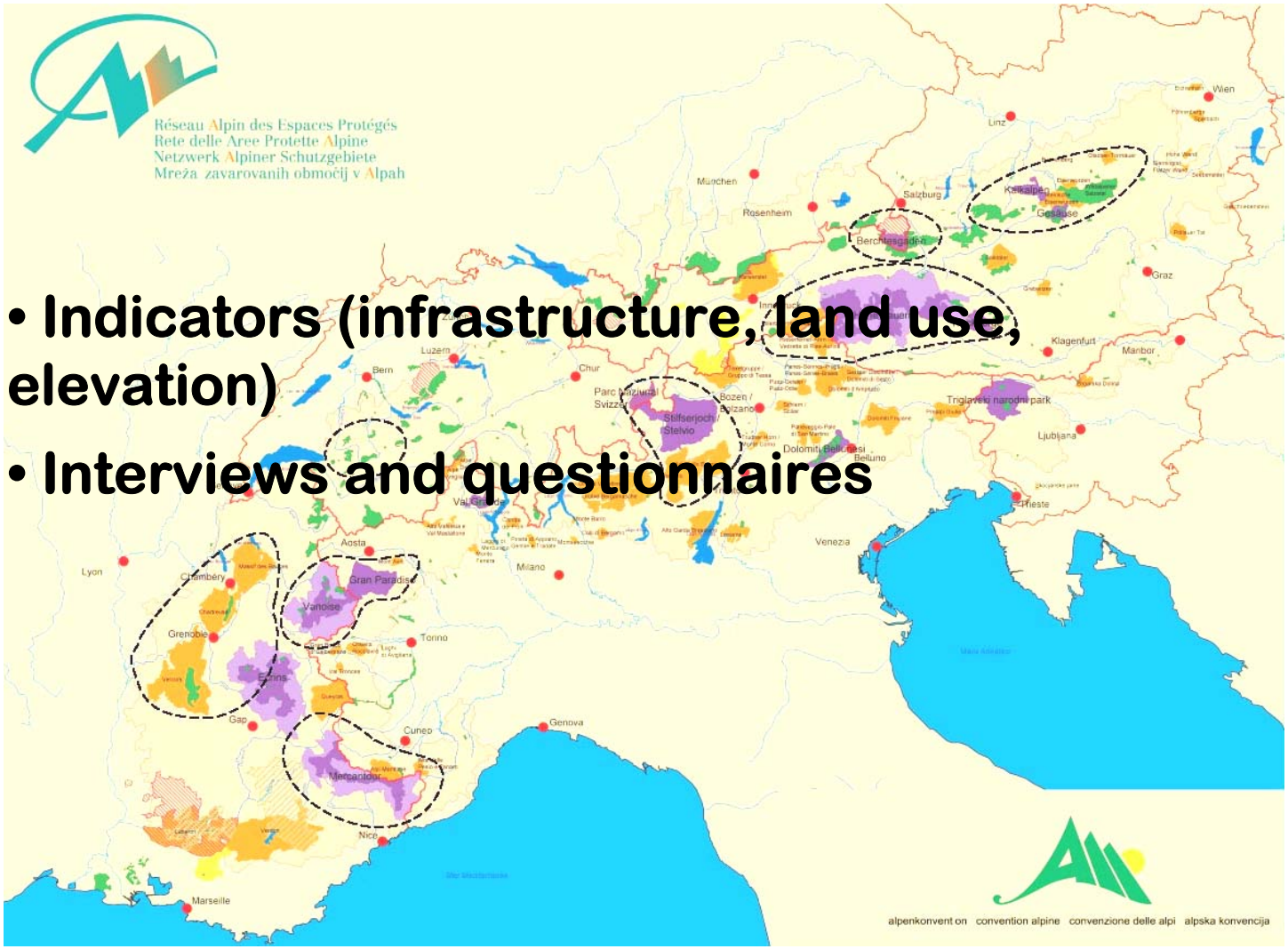



Priority Conservation Areas in the Alps
(boundaries are only approximate)
A Alpi Marittime – Alpes Maritimes (Italia/France)
B Alpi Cozie – Gran Paradiso – Queyras – Massif de Pelvoux – Massif de la Vanoise (Italia/France)
C Diois en Drôme (France)
D Mont Ventoux en Provence (France)
E Vercors (France)
F Alpes Vaudoises (Suisse)
G Alpi Pennine – vallée du Rhône – Oberwallis (Italia/Suisse/Schweiz)
H1 Sottoceneri
H2 Sopraceneri nel Ticino (Svizzera)
I Alpi Orobie – Grigne (Italia)
J Bündner Rheintal (Schweiz)
K Alpstein – Churfirsten (Schweiz)
L Engadina – Stelvio/Stilfser Joch (Svizra/Italia)
M Brenta – Adamello – Baldo – Alto Garda (Italia)
N Dolomiti Bellunesi (Italia)
O Karwendel – Isar (Österreich)
P Lechtal (Österreich)
Q Allgäu (Deutschland)
R Dolomiti d'Ampezzo (Italia)
S Berchtesgaden (Deutschland)
T Hohe Tauern (Österreich)
U Karnische Alpen/Alpi Carniche – Tagliamento – Julische Alpen/Alpi Giulie/Julijske Alpe – Karawanken/Karavanke (Österreich/Italia/Slovenija)
V Koralpe (Österreich)
W Oberösterreichische Kalkalpen – Niedere Tauern (Österreich)
National Boundary
Alpine Convention Boundary
Priority Areas
0
100
200 km
N
S
E
W
München
Wien
Salzburg
Kempten
Zürich
Innsbruck
Graz
Vaduz
Bern
Chur
Klagenfurt
Maribor
Bolzano
Genève
Udine
Ljubljana
Lyon
Milano
Grenoble
Torino
Nice
Marseille

Further analysis in 8 model regions



8 model regions



- Indicators (infrastructure, land use, elevation)
- Interviews and questionnaires

Indicator : Land use

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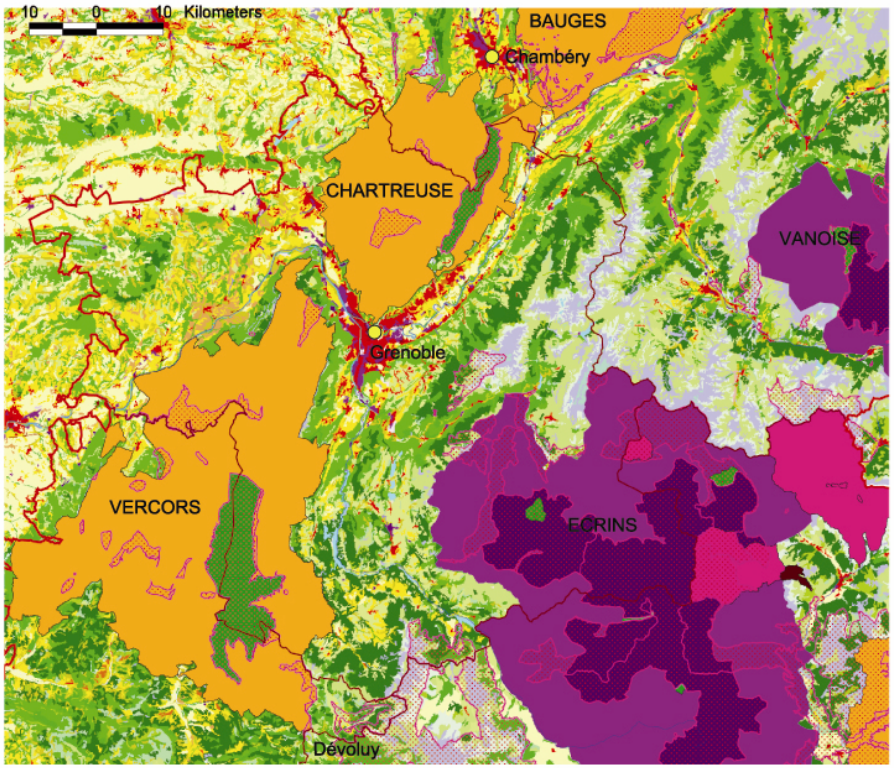
Utilisation du sol et zones NATURA 2000 dans la zone exemple 2

Réseau Alpin des Espaces Protégés
Rete delle Aree Protette Alpine
Netzwerk Alpiner Schutzgebiete
Mreža zavarovanih območij v Alpah



Légende

- NUTS 3 (Limites des départements)
- Site Natura 2000
- Parc national
- Zone périphérique du Parc national
- Parc naturel régional
- Réserve naturelle
- Réserve naturelle volontaire
- Site classé
- Ville

La légende Corine Landcover se trouve à la fin de la publication

N

Groupe de travail : Réseau Alpin des Espaces Protégés ; Ministère de l'environnement et de la protection du territoire, Rom; EURAC - Institut de développement régional ; Secrétariat permanent de la Convention Alpine - SOIA.
Données : Espaces protégés du Réseau Alpin des Espaces Protégés ; Périmètre provisoire de la Convention Alpine, produit par l'EURAC - Institut de développement régional ; Seamless Administrative Boundaries of Europe (SABE2001 v1.1) ©EuroGeographics; EuroGlobalMap v1.1 ©EuroGeographics; Corine Landcover Europa ©EEA, Copenhagen, 2000 (www.eea.eu.int); DEM ©Geosys.
Réalisation à l'EURAC - Institut de développement régional.

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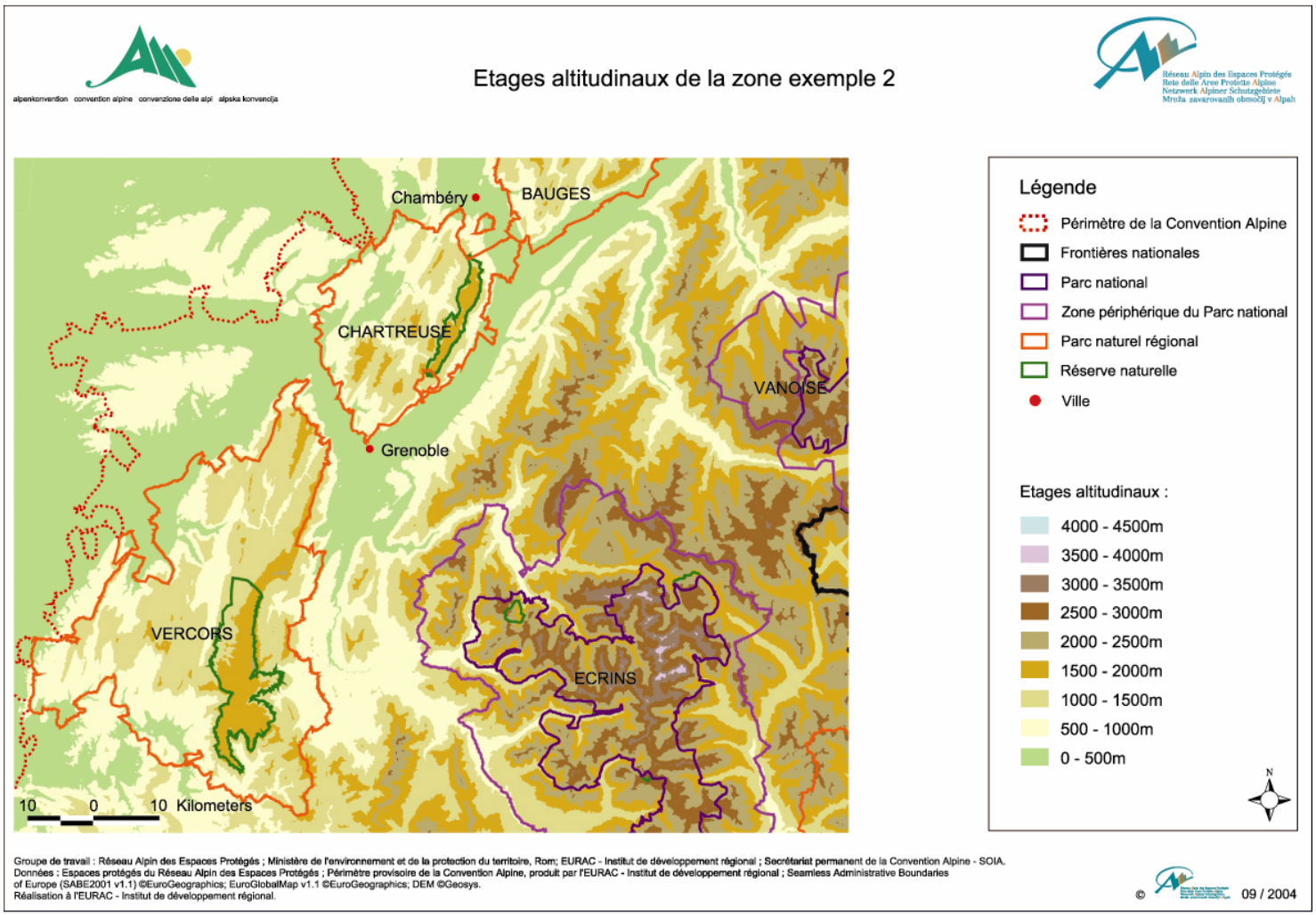
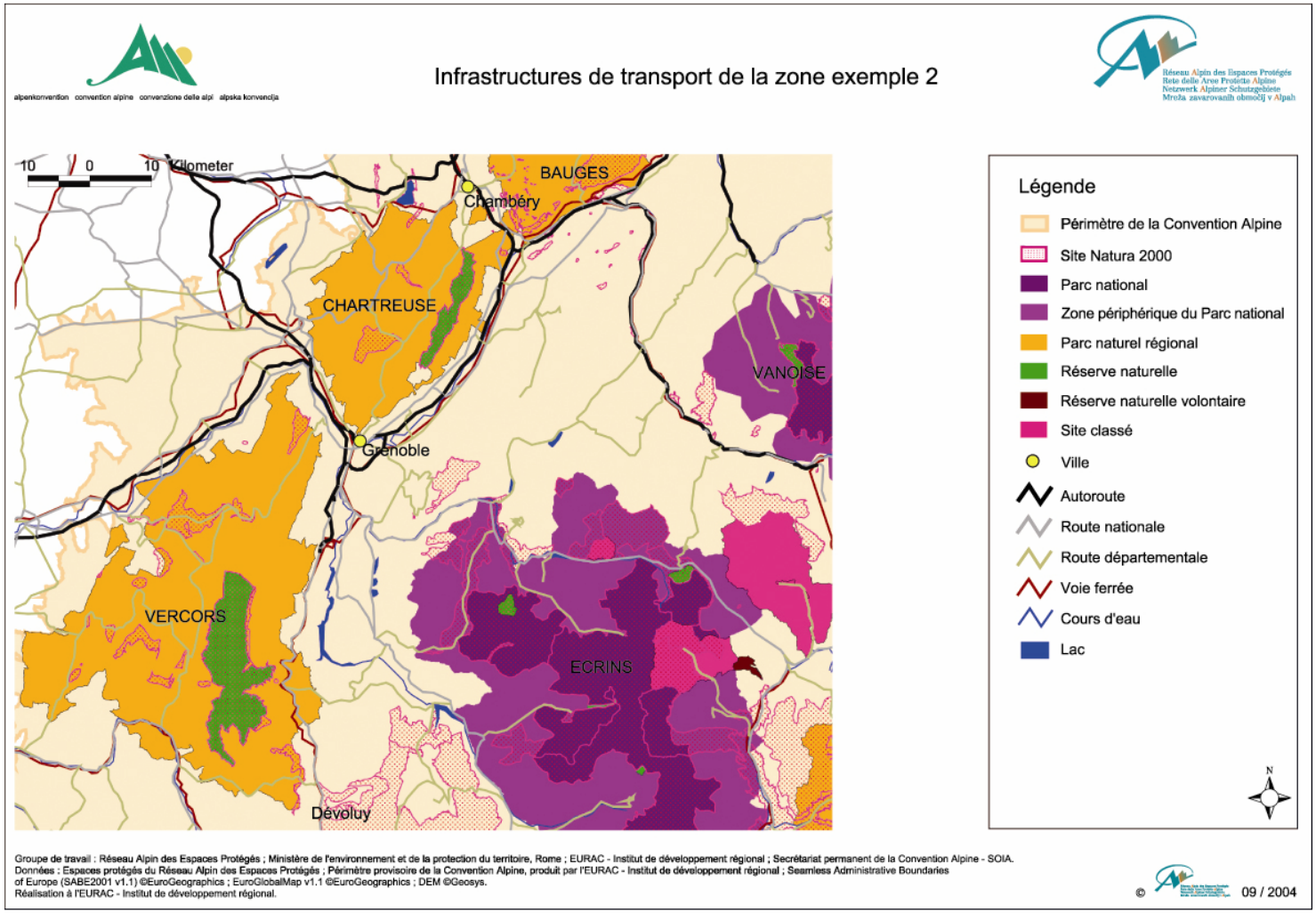
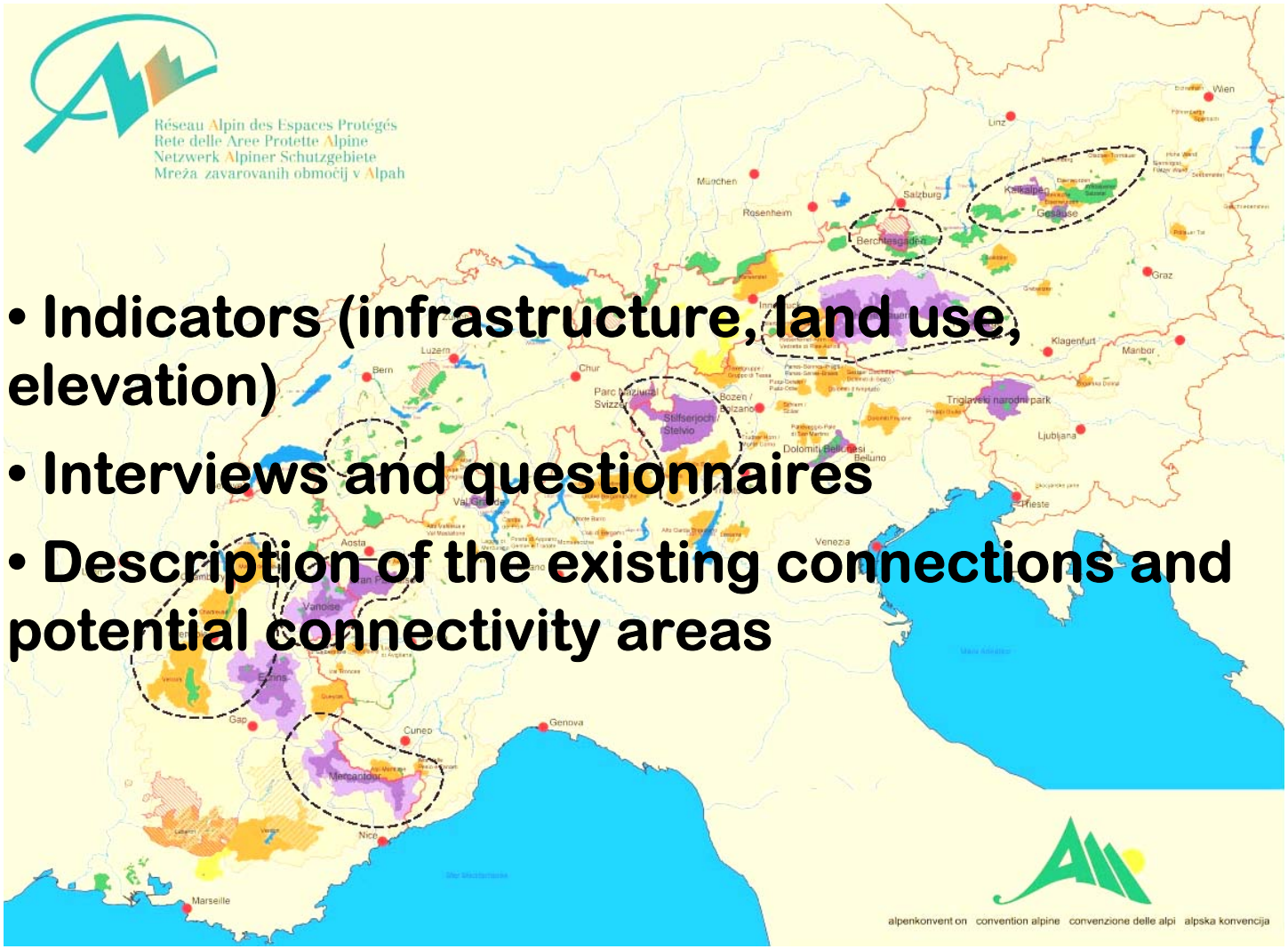
Indicator : Altitude



Indicator : Infrastructure

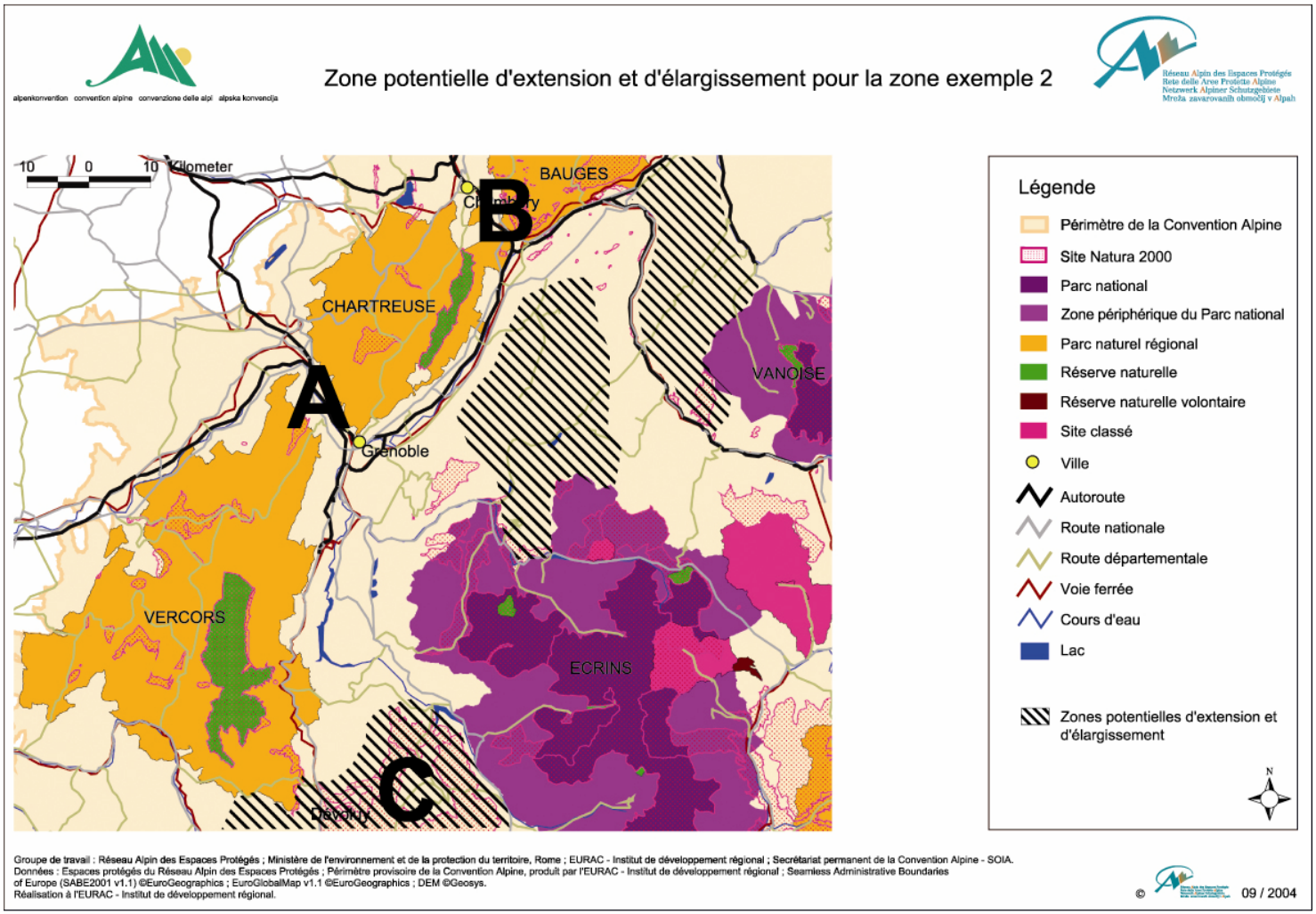


8 model regions



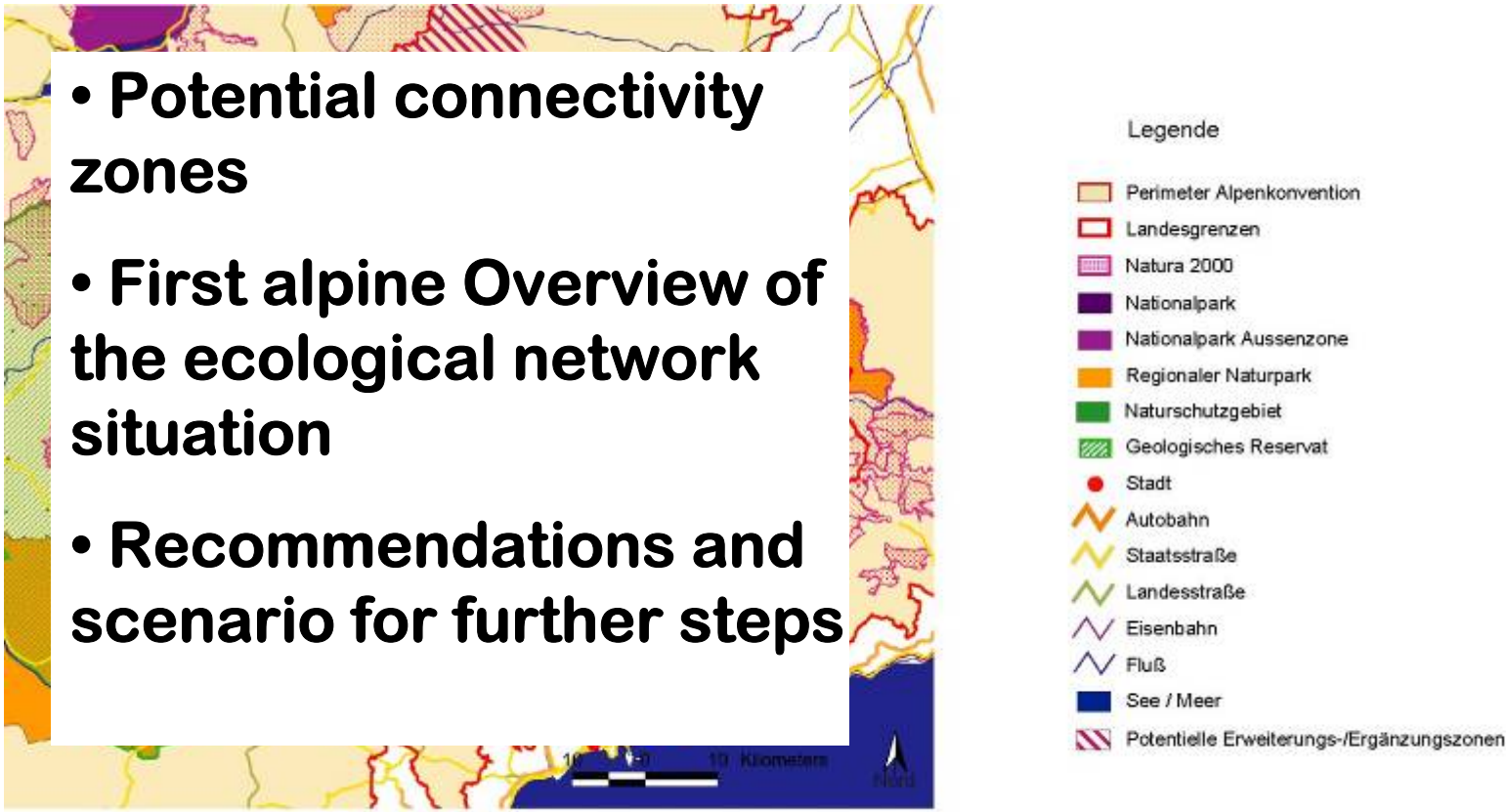
- Indicators (infrastructure, land use, elevation)
- Interviews and questionnaires
- Description of the existing connections and potential connectivity areas

Potential connectivity areas



Results of the study

- Potential connectivity zones
- First alpine Overview of the ecological network situation
- Recommendations and scenario for further steps



Arbeitsgruppe: Netzwerk Alpiner Schutzgebiete; Ministerium für Umwelt und Schutz des Territoriums, Rom; EURAC Institut für Regionalentwicklung; Ständiges Sekretariat der Alpenkonvention - SOIA.
Daten: Schutzgebiete des Netzwerks Alpiner Schutzgebiete; Provisorischer Perimeter der Alpenkonventions erarbeitet von der EURAC - Institut für Regionalentwicklung; Seamless Administrative Boundaries of Europe (SABE2001 v1.1) ©EuroGeographics, EuroGlobalMap v1.1 ©EuroGeographics; DEM ©Geosys.
Erarbeitet an der EURAC, Institut für Regionalentwicklung.

This study was realised with the support of :

Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit

Fürstentum Liechtenstein

are
Bundesamt für Raumentwicklung
Office fédéral du développement ter
Ufficio federale dello sviluppo territ
Federal Office for Spatial Developme

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MINISTÈRE DE L'ÉCOLOGIE ET DU DÉVELOPPEMENT DURABLE

Bayerisches Staatsministerium für Umwelt, Gesundheit und Verbraucherschutz

Bundesministerium für Land- und Forstwirtschaft Umwelt und Wasserwirtschaft
Das Lebensministerium

Perspectives

1) Coordination between the Alpine Protected Areas to create the basics for a future network

- Meeting of protected areas managers to initiate new research projects on internal functioning of their areas
- Coordination of existing projects
- Promotion of concrete actions to create spatial connection between protected areas

Perspectives

2) Joined working group of CIPRA, ISCAR, WWF and ALPARC the basics for a future network

- Priority conservation areas for biodiversity
- First workshop in Buchs to define a method to identify priority connectivity areas

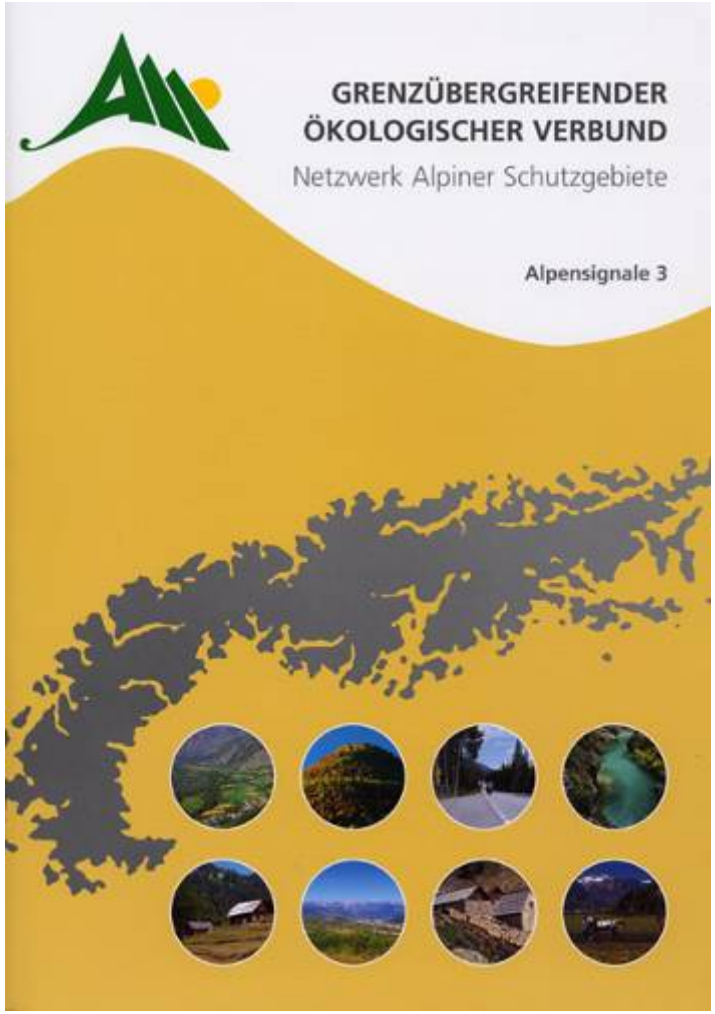
Perspectives

3) 7- 8 November 2005, Seminar in Berchtesgaden (D)
« Creation of an ecological network of Protected Areas in the Alps »

For local representatifs, experts and interested observers

- Agreement of a common methodology
- Definition of the next steps
- Definition of test regions

Study: Transboundary ecological network



- **Alpensignale 3: « Grenzübergreifender ökologischer Verbund »**

- **Signaux Alpins 3: « Réseau écologique transfrontalier »**

- **Segnali alpini 3: « Rete ecologica transfrontaliera »**

- **Alpski signali: « Čezmejna ekološka povezanost »**

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