

Alps 2050

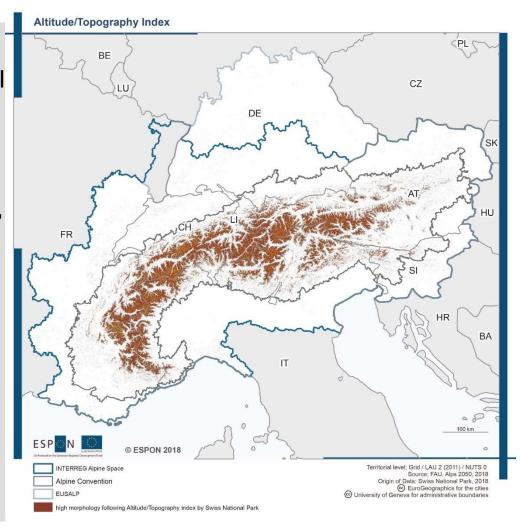
Common Spatial Perspectives for the Alpine Area. Towards a Common Vision

Tobias Chilla, University of Erlangen

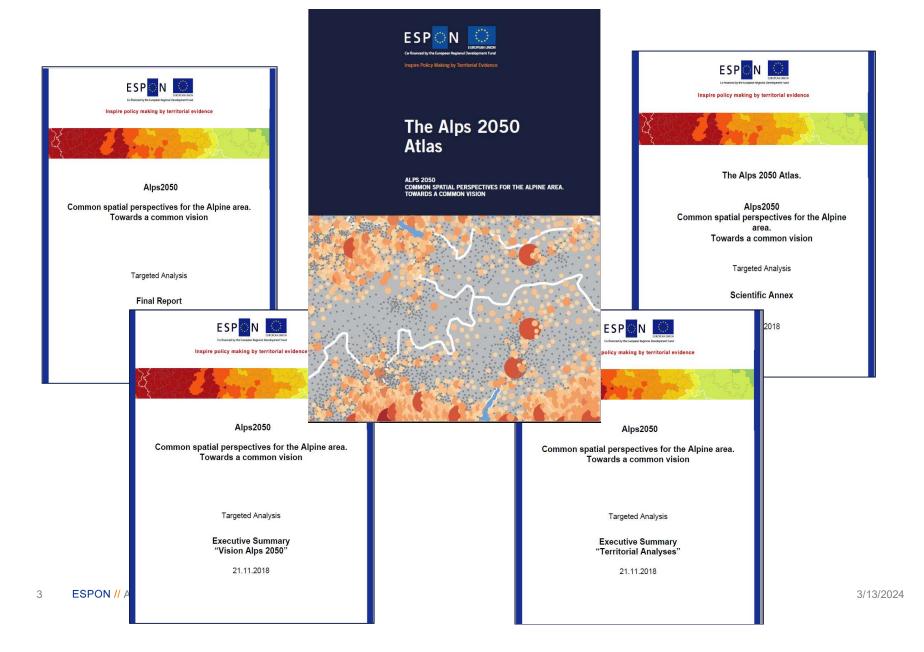
The project

Main objectives:

- A territorial vision and common spatial perspectives for the Alpine area until 2050.
- Stakeholders develop the project idea (Leadpartner DE, partners from AT, CH, FR, IT, LI, SI and Alpine Convention)
- Research consortium: Leadpartner DE, partners/subcontractors from AT, CH, FR, IT, SI
- The programme ESPON finances the project and coordinating the process
- Timing: Nov 2017- Nov 2018
 https://www.espon.eu/Alps2050



The project

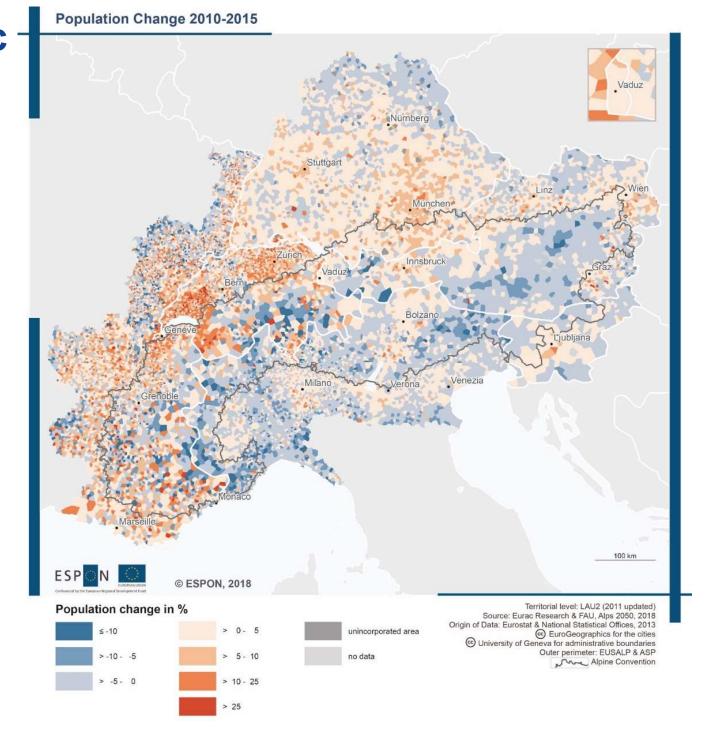


I. Mapping outputs



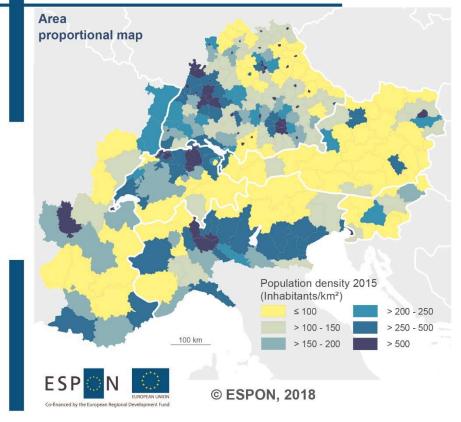


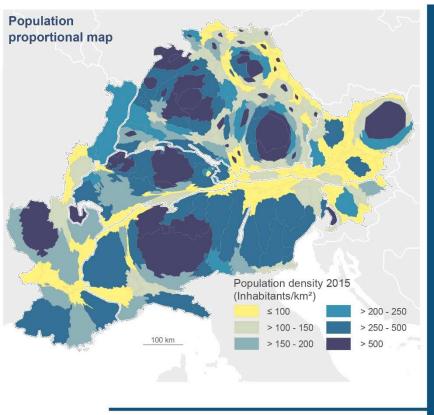
Demographic - development



Population density

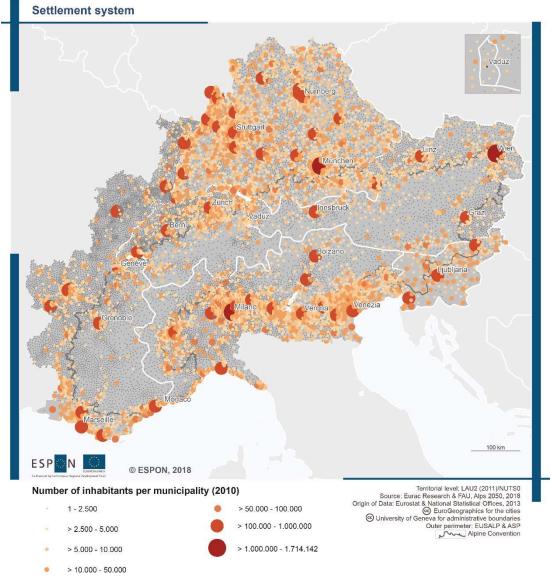
Population density





Territorial level: NUTS 3 (2013)
Source: FAU & Eurac Research, Alps 2050, 2018
Origin of data: Eurostat & National Statistical Offices, 2018
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Settlement system



Services of General Interest-

Services of general interest **Travel Time to** Travel time to primary doctors by car school by car Alpine Morphology Travel time to train stations by car © ESPON, 2018 Territorial level: LAU2 (2011) Source: RRG & FAU, Alps 2050, 2018 Travel Time by car in minutes Origin of Data: ESPON Profecy, 2017; Swiss National Park, 2018 © EuroGeographics for the cities © University of Geneva for administrative boundaries 0 - 5 > 20 - 40

> 40 - 132

> 5 - 10

> 10 - 20

Economic - **Patterns**

Spatial patterns and trends in different economic sectors GDP change Tourism intensity GDP change in % (2008-2014) Overnight stays * -14,4 - -7,5 > -7.5 - 0 > 15 - 22.5 7 - 250 > 750 - 1000 > 0 - 7.5 > 22,5 - 30 > 250 - 500 > 1000 - 1500 > 500 - 750 **Employment change** Share of labour force in agriculture sector Labour force in agricultural Employment change in % (2008-2014) sector in % (2014) -16,3 - -5,0 > 5,0 - 10,0 > 9,0 - 12,0

> -5,0 - 0.0

> 0,0 - 5,0

© ESPON, 2018

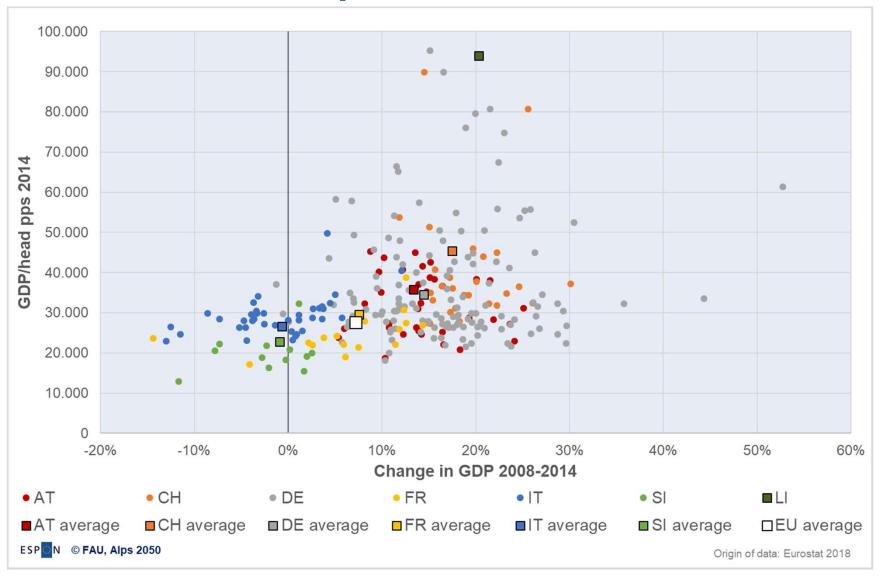
> 10,0 - 21,1

Territorial level: NUTS 3 (2013)
Source: FAU & Eurac Research, Alps 2050, 2018
Origin of Data: Eurostat & National Statistical Offices, 2018
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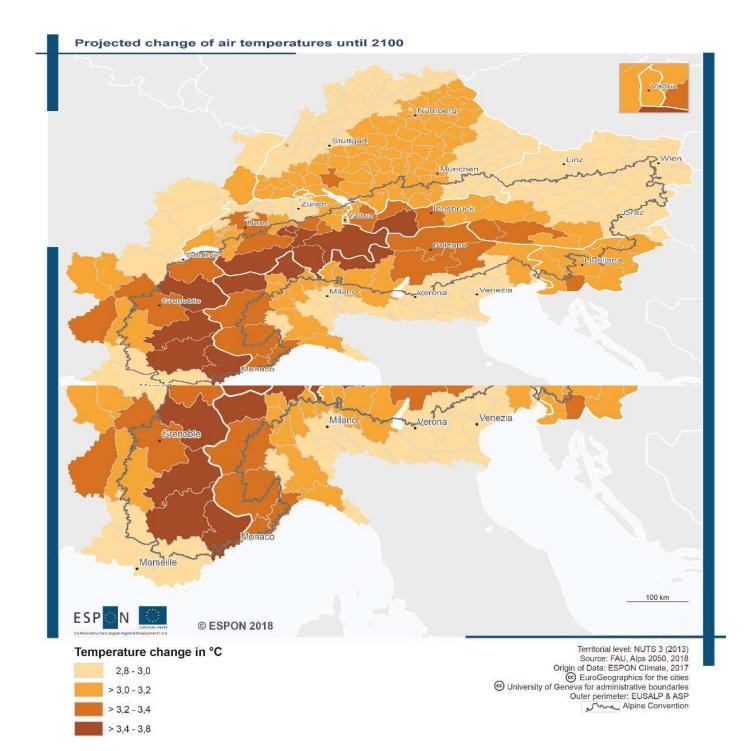
> 3.0 - 6.0

> 12,0 - 19,3

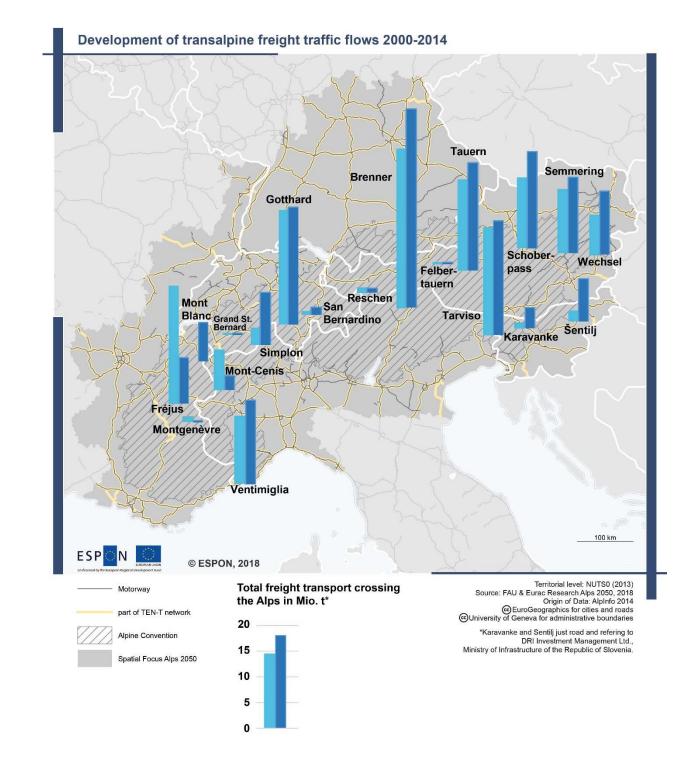
Economic development



Climate change



Transport

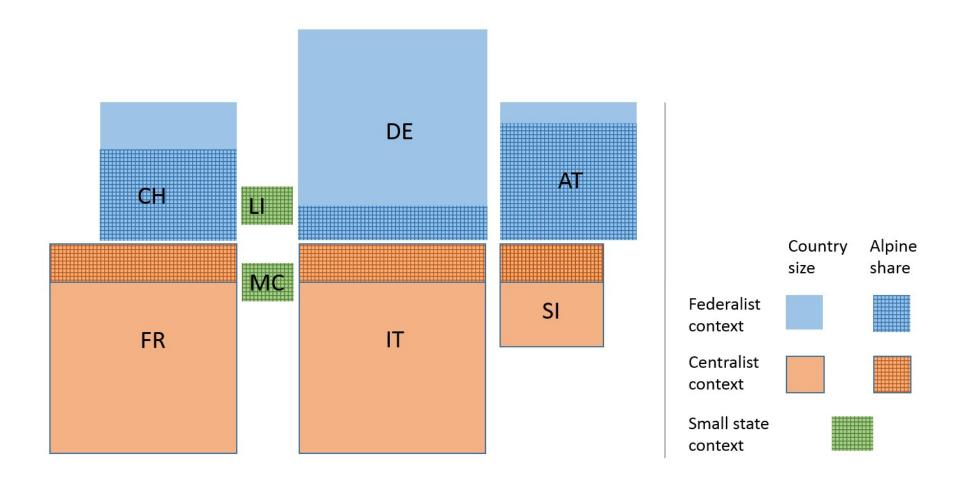


II. Macroregional focus and spatial blindness

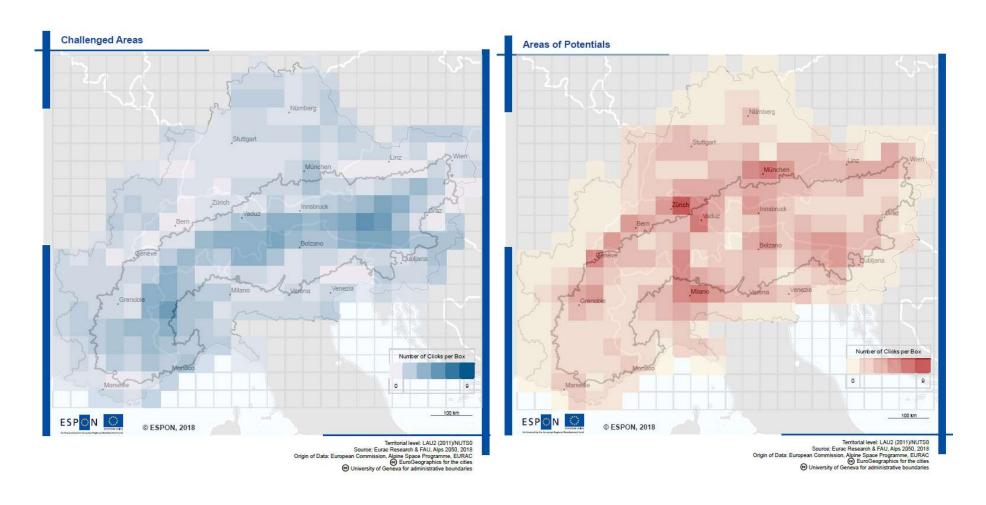




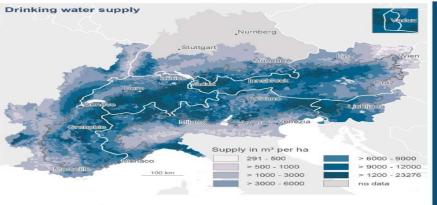
Governance



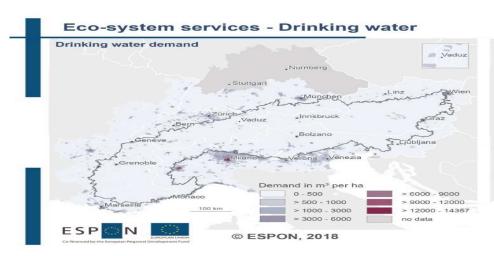
Experts' Delphi assessment

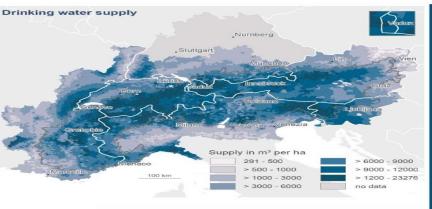






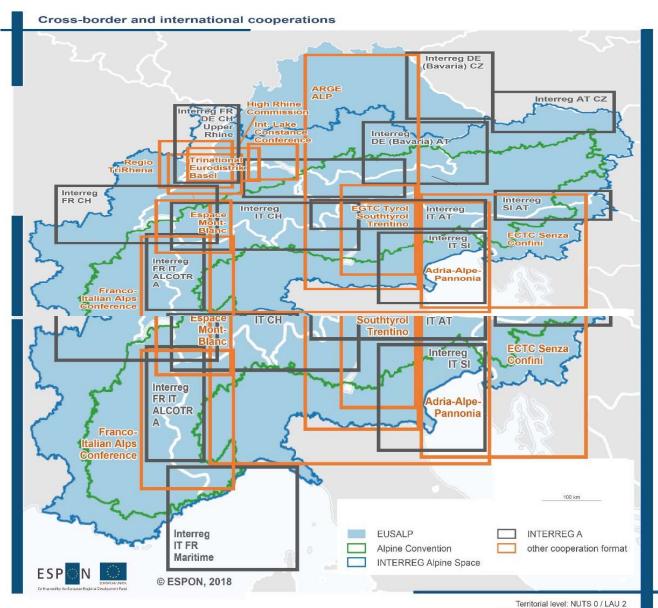
Territorial level: LAU2 (2011 updated)
Source: Eurac Research & FAU, Alps 2050, 2018
Origin of data: AlpES, 2018
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Territorial level: LAU2 (2011 updated)
Source: Eurac Research & FAU, Alps 2050, 2018
Origin of data: AlpES, 2018
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Governance



Macro-regional focus Spatial blindness?

Regional / territorial development? Spatial planning/monitoring?

EUSALP Objectives	Alpine Convention Protocols	INTERREG Alpine Space priorities
(Action Groups AG)	(Working Bodies)	(Specific objectives SO)
Economic activities and innovation		
Growth / innovation	Prot. Mountain farming Prot. Mountain forests Prot. Tourism	Innovative Alpine Space
economic development (AG2)		
research & innovation (AG1)		Innovation (SO1.1)
Labour market, education, training (AG3)		
	Mountain Agriculture Platform	
	Sustainable Tourism Working Group	
	Green Economy Advisory Board	
Environment and ecocology		
Environment	Prot. Spatial planning and sustainable development Prot. Nature protection and landscape conservation Prot. Energy Prot. Soil conservation	Low Carbon Alpine Space Liveable Alpine Space
	Alpine Climate Board	
	Ad-hoc Expert Group on Spatial Planning	
Energy (AG8)		Low carbon policy instruments (SO2.1)
Green infrastructure (AG7)	Ecological Network Platform Mountain Forests Working Group	Ecological connectivity (SO3.2)
Resources (AG8)	Water Management in the Alps Platform	Cultural and natural heritage (SO3.1)
Risk governance (AG8)	Natural Hazards Platform - PLANALP	
	Large Carnivores, Wild Ungulates and Society Platform - WISO	
Ac	cessibilty and services of general	interest
Connectivity [and society]	Prot. Transport	
Mobility (AG4)	Transport Working Group	Low carbon mobility and transport (SO2.2)
accessibility (AG5)		Services of general interest (SO1.2)
Governance	Governance	Well-Governed Alpine Space
Table 1 Priorities of EUS	Macro-regional strategy for the Alps Working Group	nd the INTERPEG Alnine Space

Table 1 Priorities of EUSALP, Alpine Convention and the INTERREG Alpine Space programme (sources: webpages of the mentioned institutions)

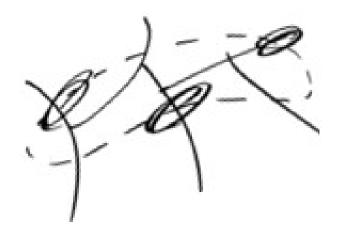
III. Contingency and potentials





Scenarios

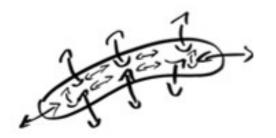
Status quo



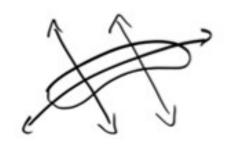
Protected Alps



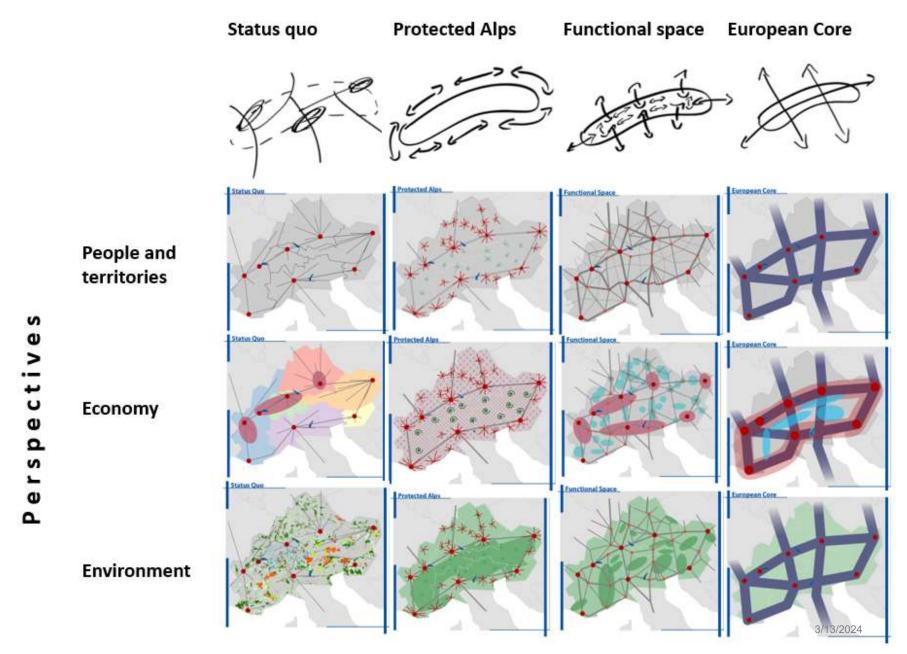
Functional space



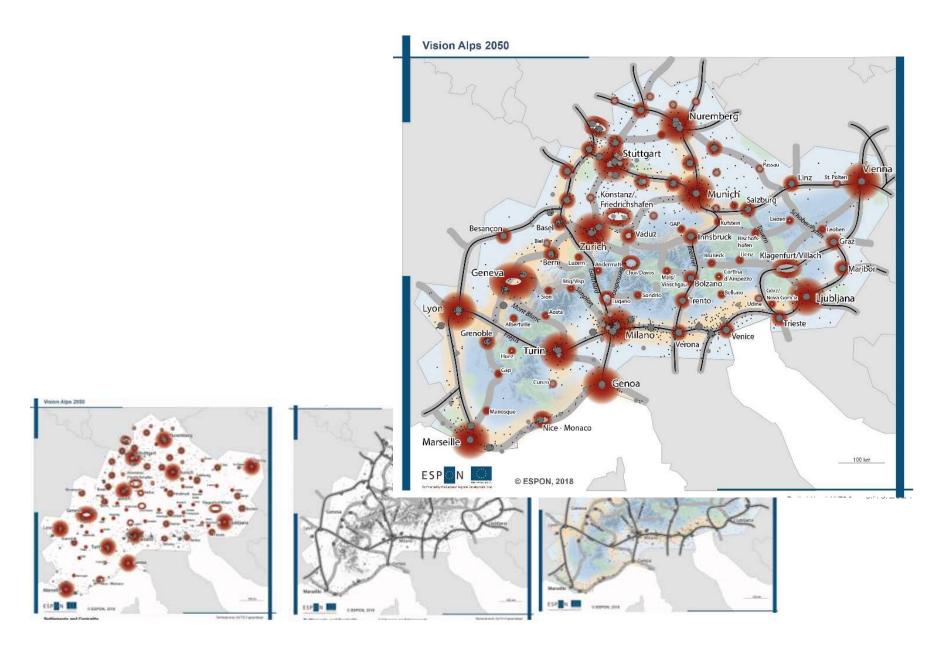
European Core



Scenarios



Towards a common vision

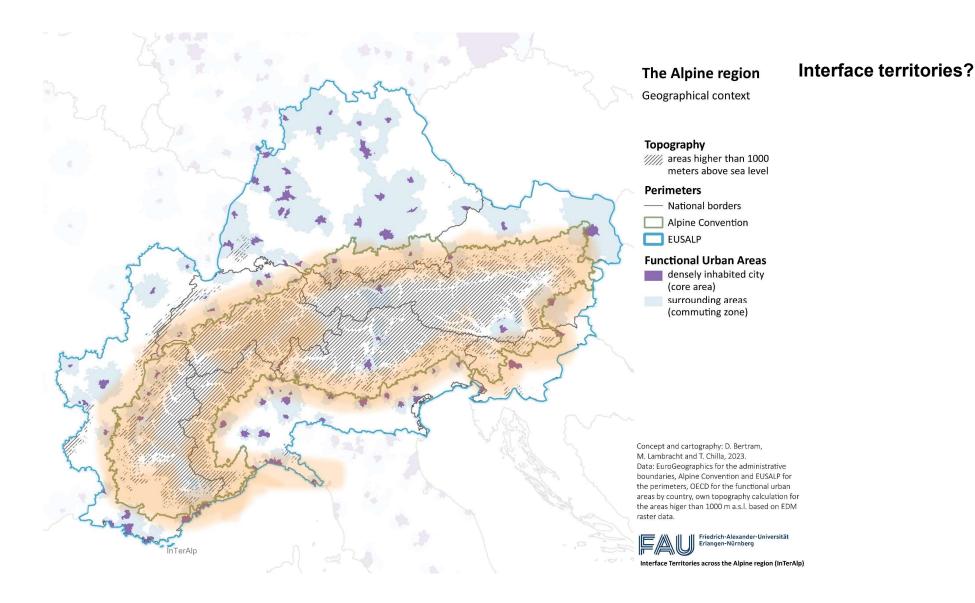




Inspire Policy Making with Territorial Evidence

InTerAlp

// Interface Territories across the Alpine region





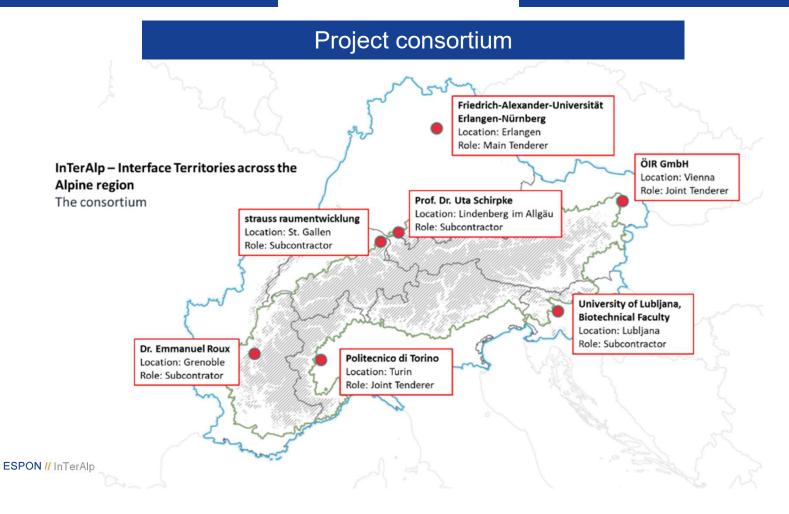


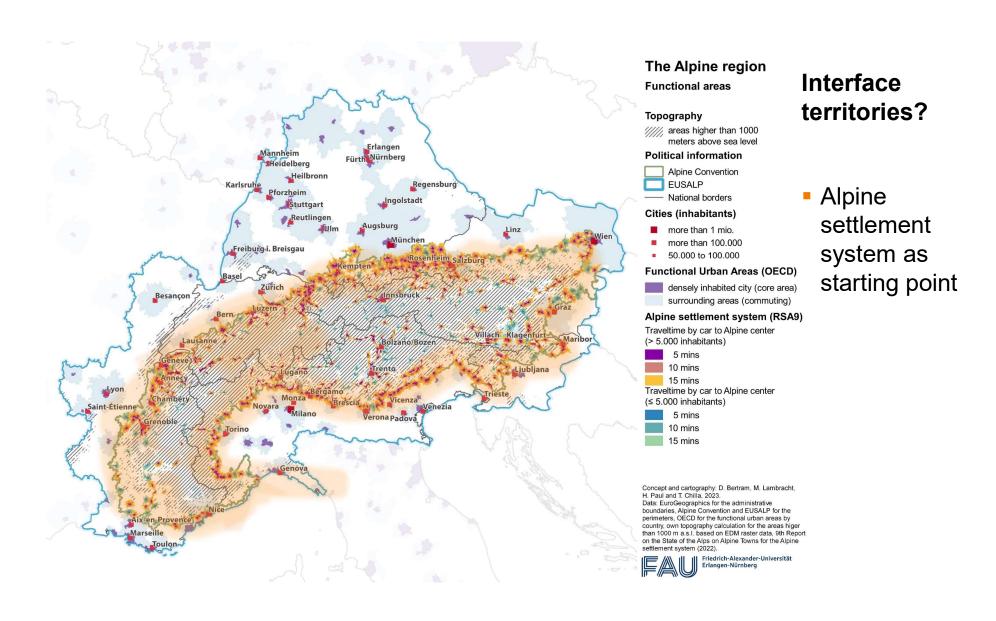
Klein 2024

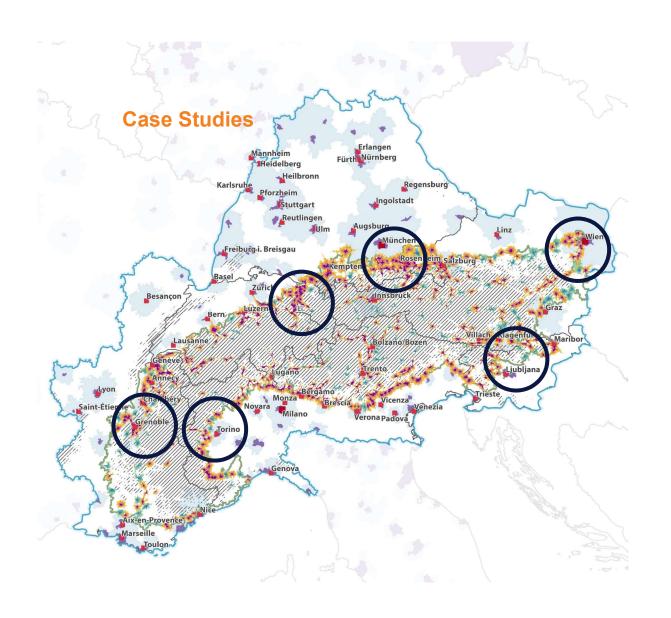
Institutional background

Alpine Convention
WG Spatial Planning and
Sustainable
Development

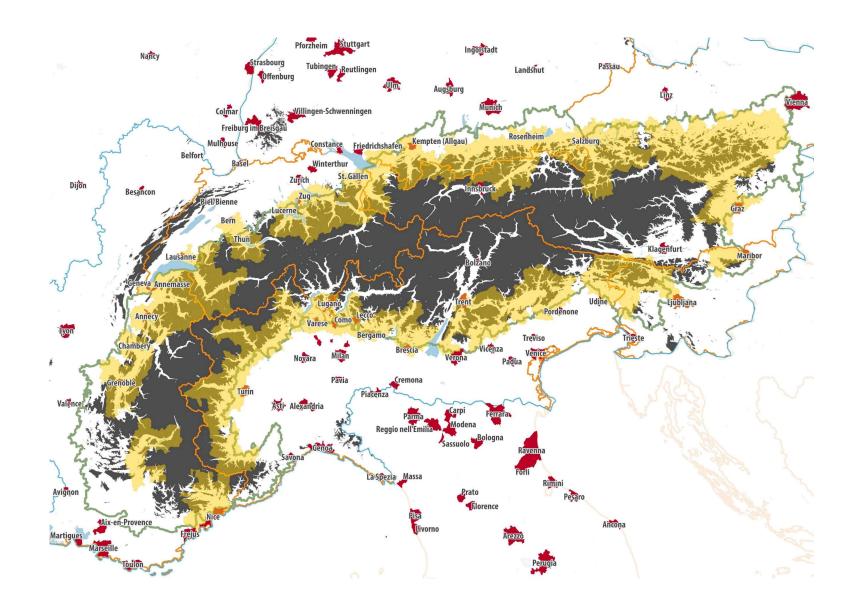
ESPON EGTC







- Turin Metropolitan City (POLITO)
- Munich-Tyrol (FAU)
- Ljubljana-Julian Alps (FAU/Naja Marot)
- Vienna-Lower Austrian Alps (ÖIR)
- Grenoble/Rhône Alpes region (FAU/Emmanuel Roux)
- St. Gallen-Alpine Rhine Valley (FAU/Ueli Strauss)





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