

Interreg



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BeyondSnow

eurac research

Alpine Space

13/01/2025

Mapping Vulnerability

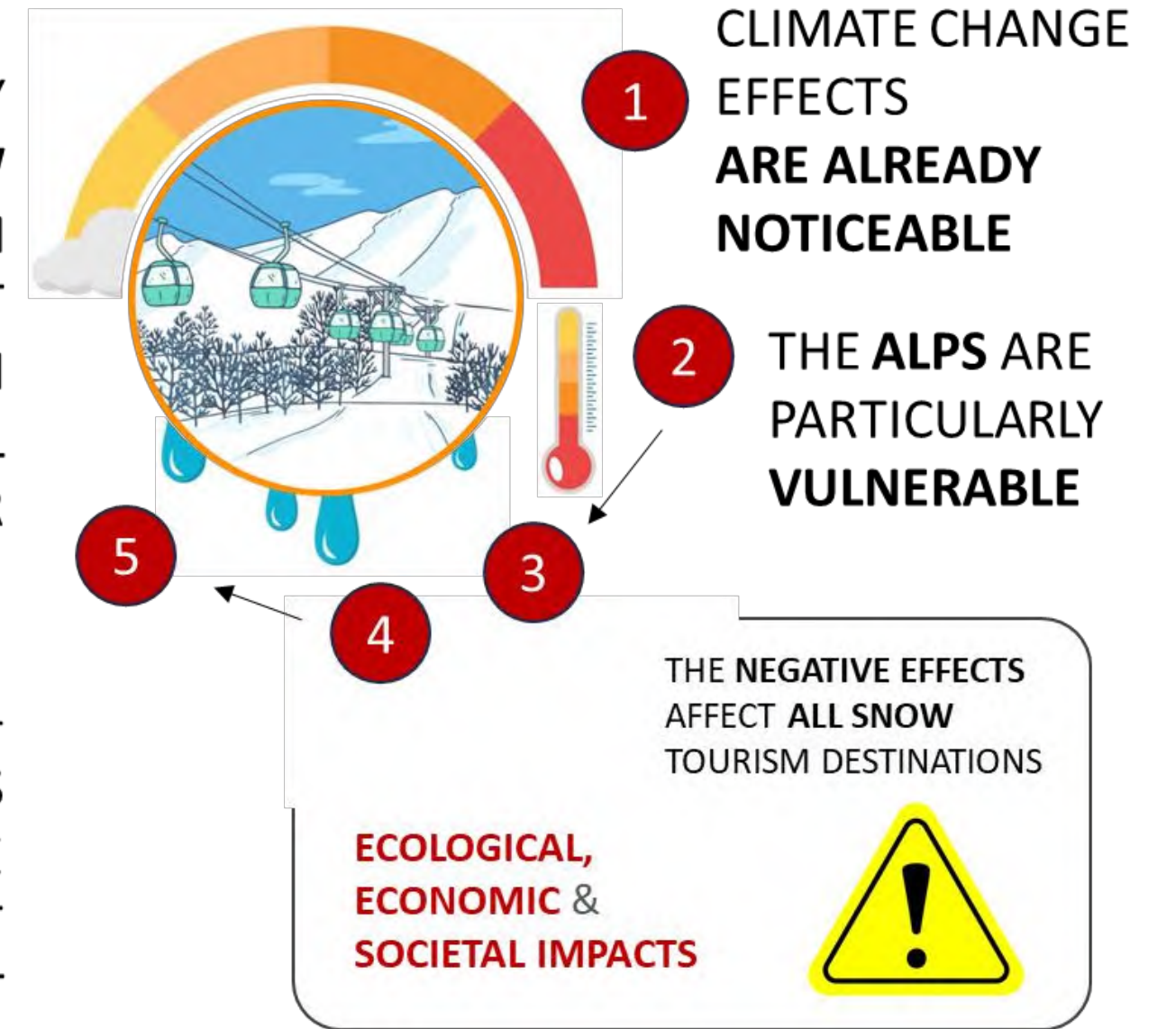
Insights from the Interreg Alpine Space Project BeyondSnow

Agnese Moroni – Eurac Research

The overall project objective

ESPECIALLY
**SMALL SNOW
TOURISM
DESTINATIONS AT
LOW AND MEDIUM
ALTITUDES WILL
SUFFER**

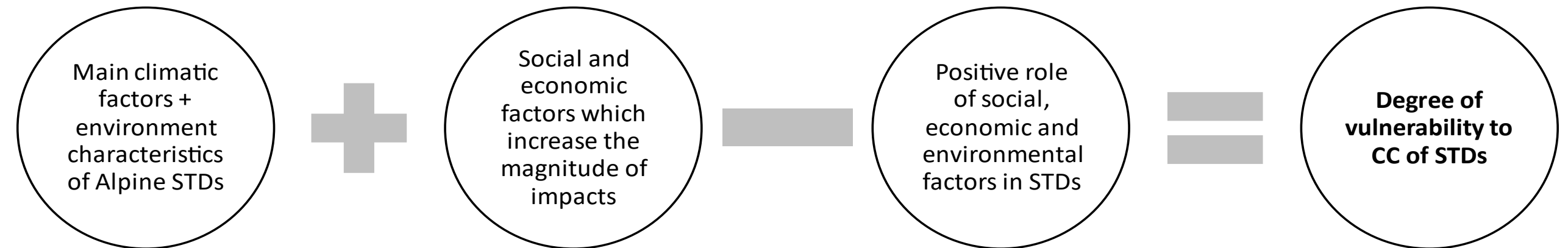
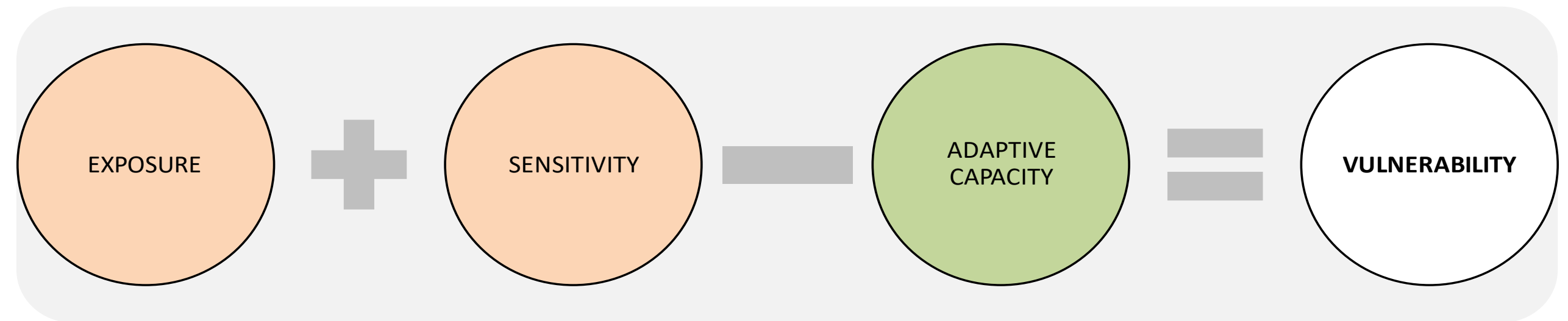
... IN WHICH
MAINTAINING SNOW-
RELATED ACTIVITIES
WILL NO LONGER BE
POSSIBLE AS AT
PRESENT



Enhancing the resilience of Alpine Space
small medium-altitude Snow Tourism Destinations (STDs)
and their **Communities** facing climate change issues,
especially regarding the diminishment of snow coverage.

Vulnerability

«the propensity or predisposition to be adversely affected, a quality shaped by diverse factors, including exposure, sensitivity, and adaptive capacity» (IPCC)



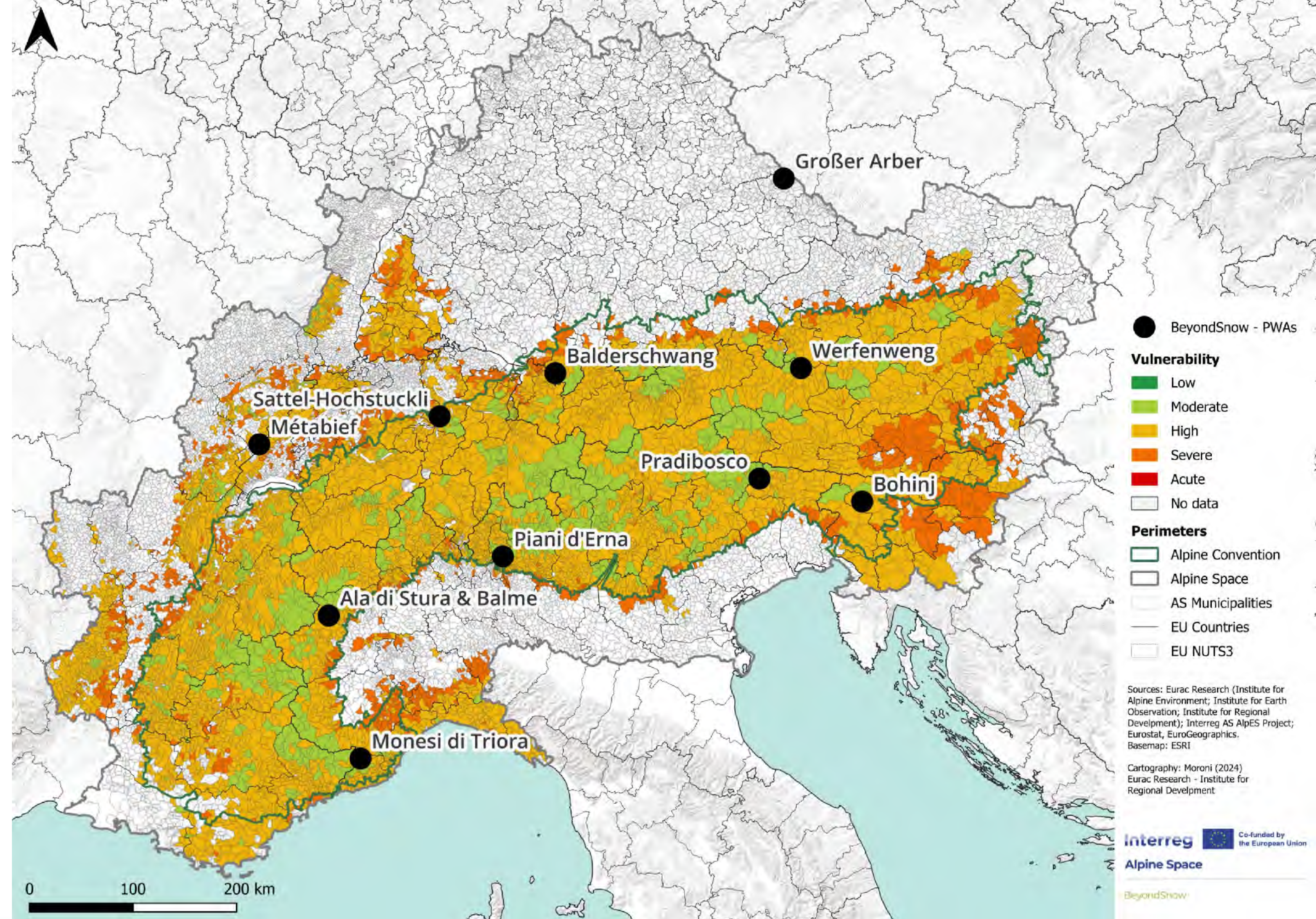
Key aspects



Vulnerability Map

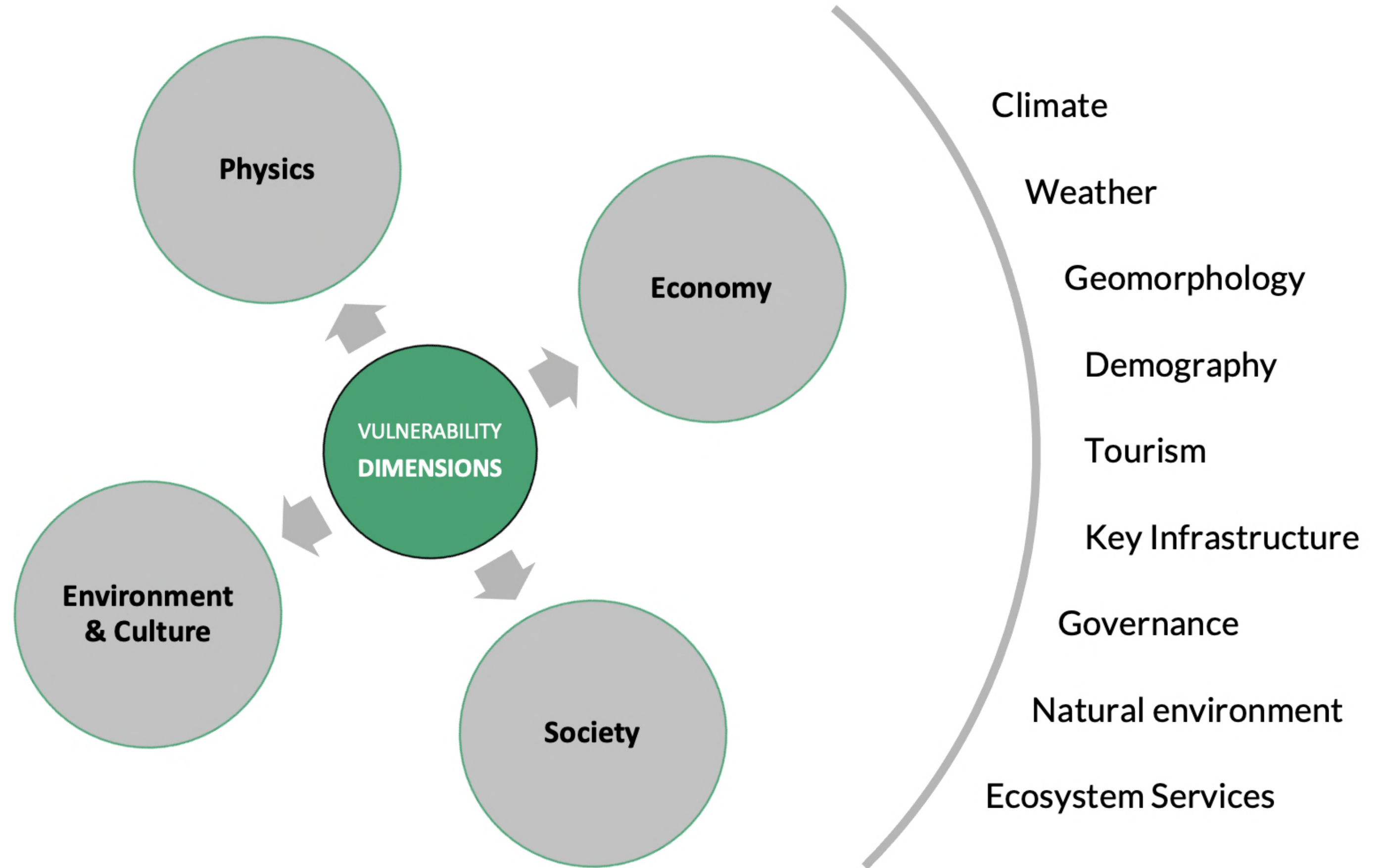
The current map is an initial overview, subject to improvement and updates.

It relied on the utilization of presently accessible data.

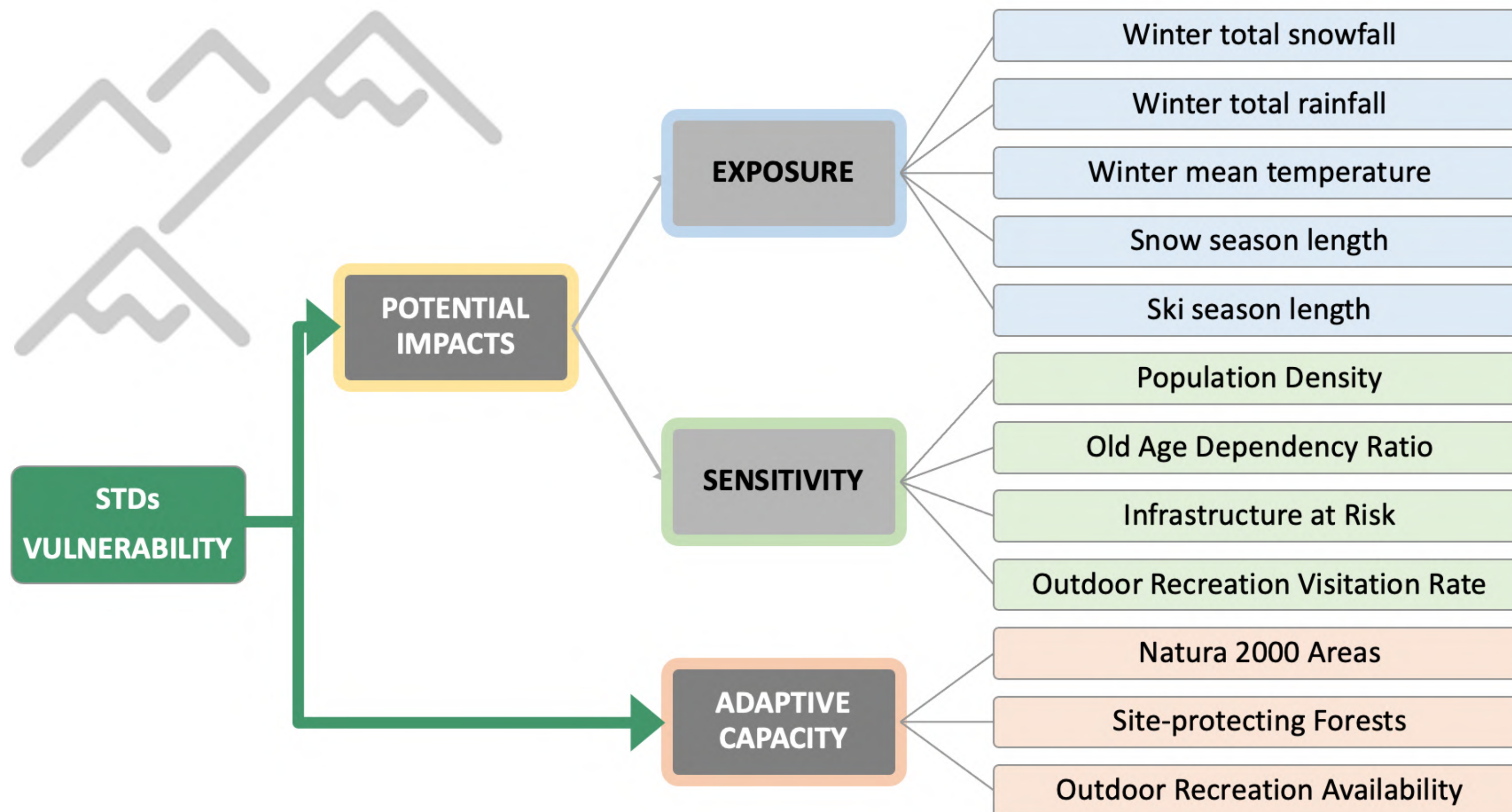


Vulnerability dimensions

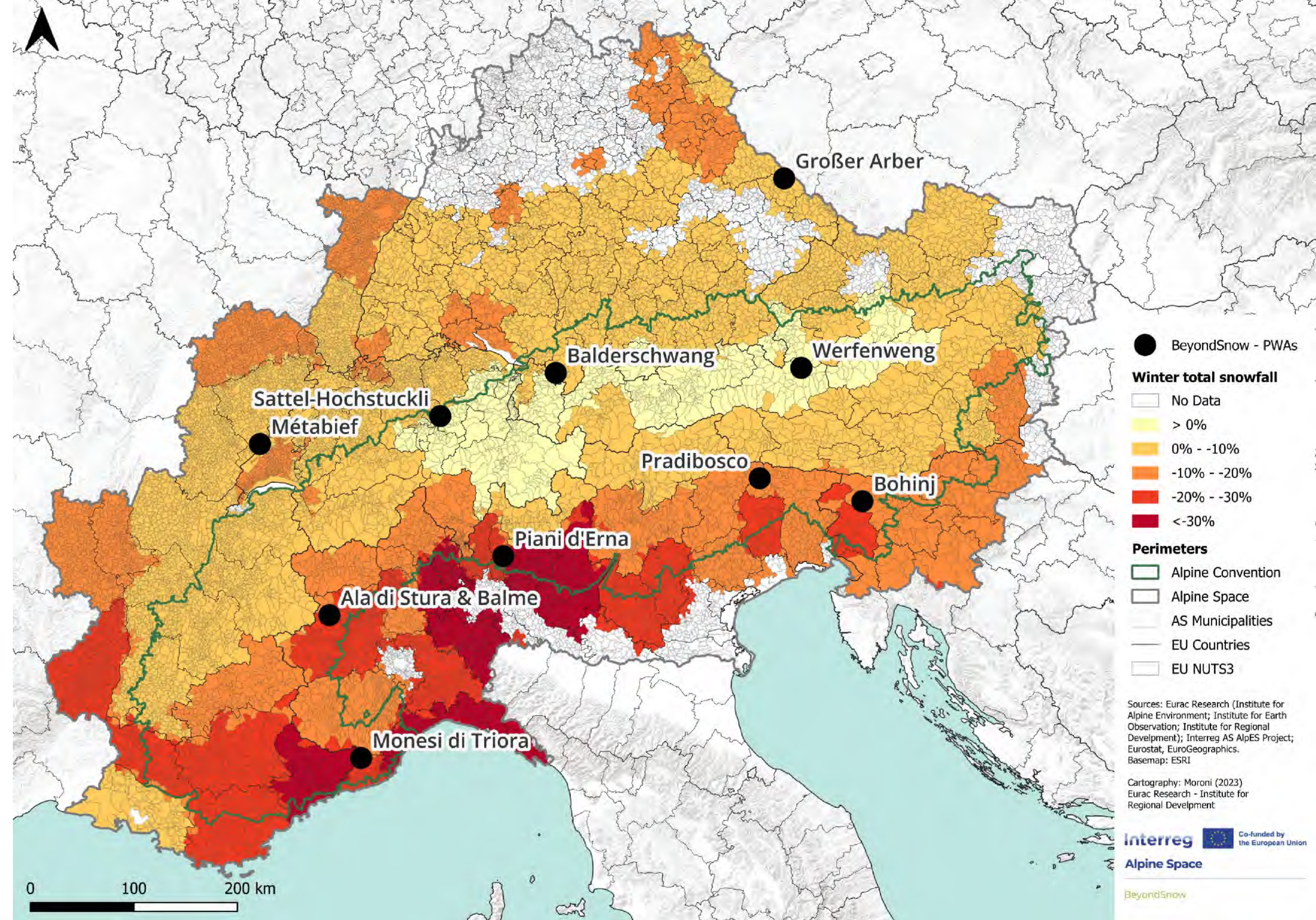
The set of indicators that could be included in the evaluation is broader than that used in this first version.



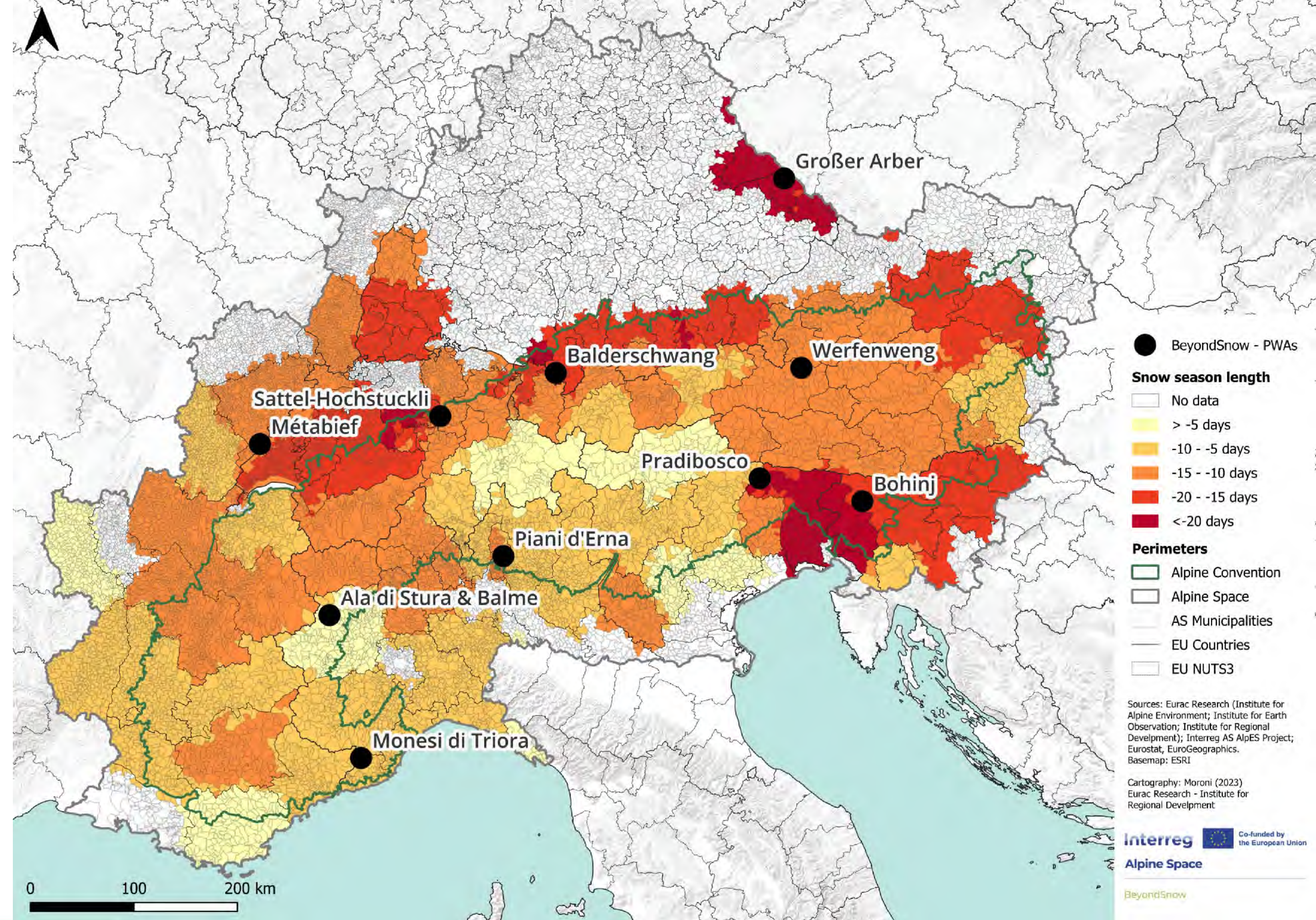
Current Indicators



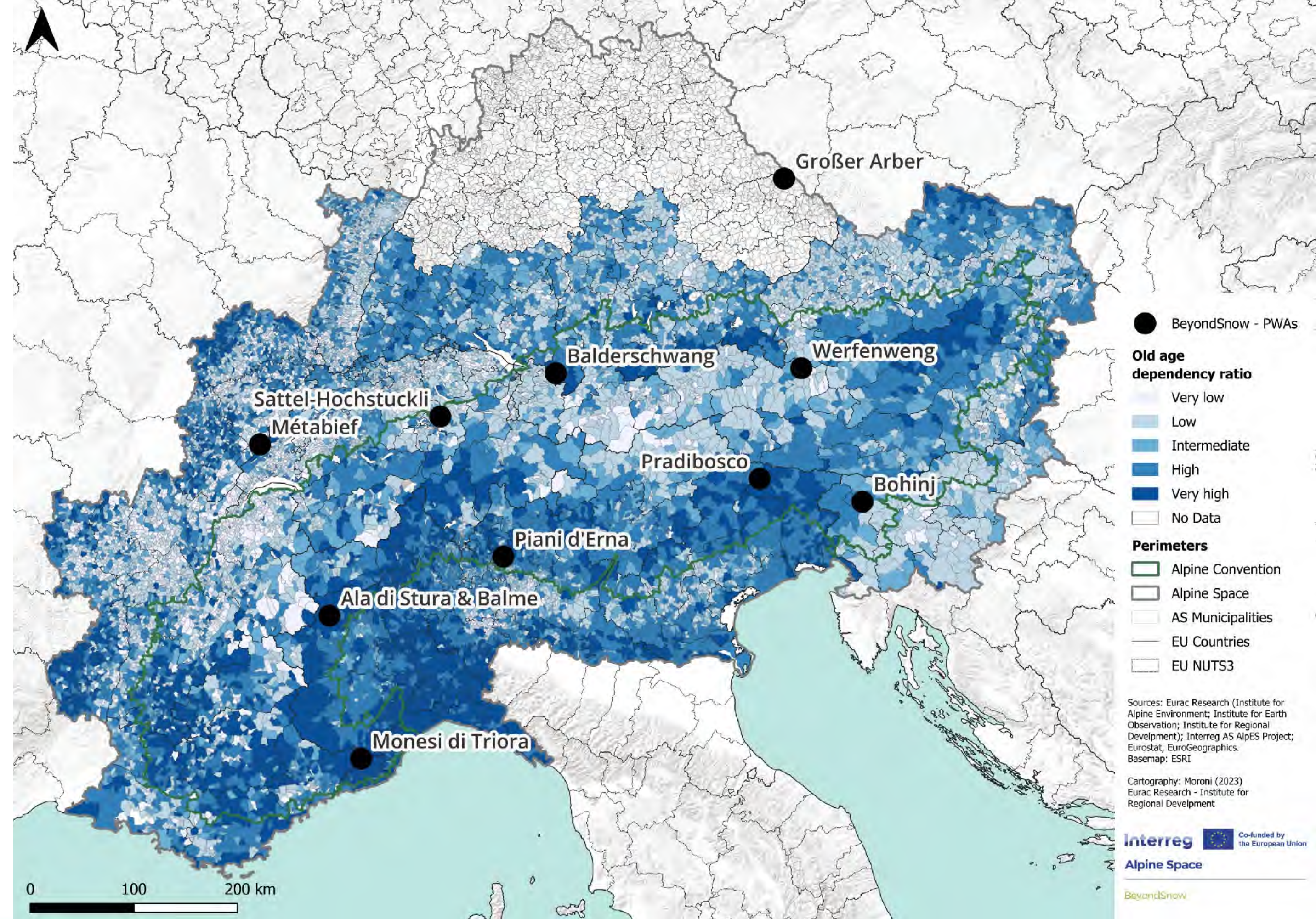
Winter total snowfall



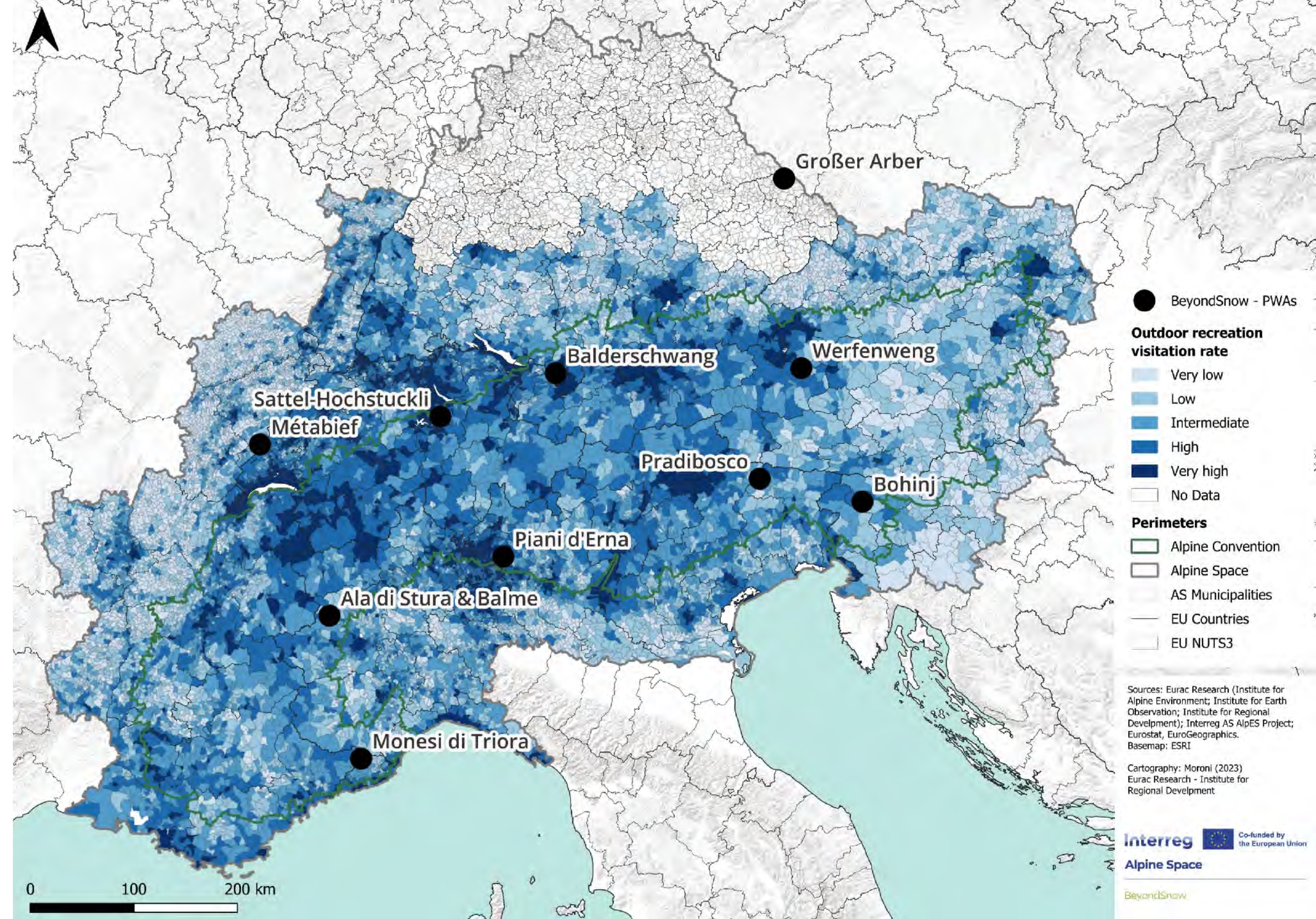
Snow season length



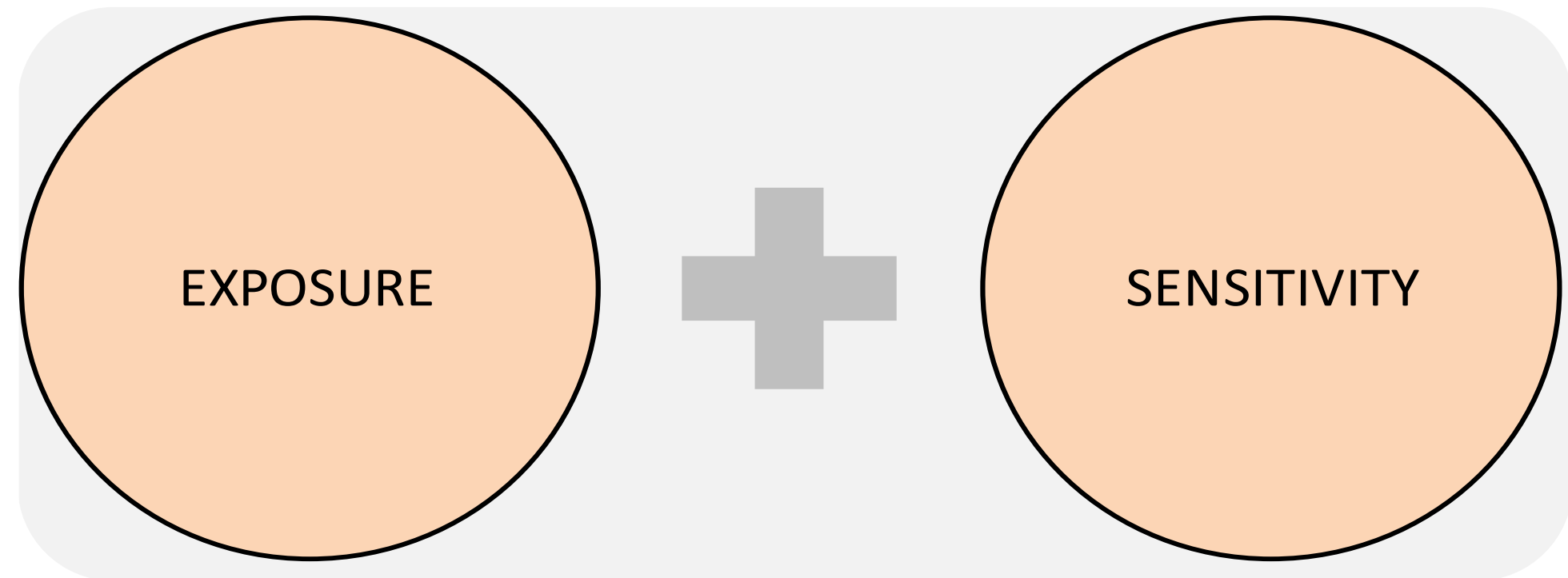
Old age dependency ratio



Outdoor recreation visitation rate

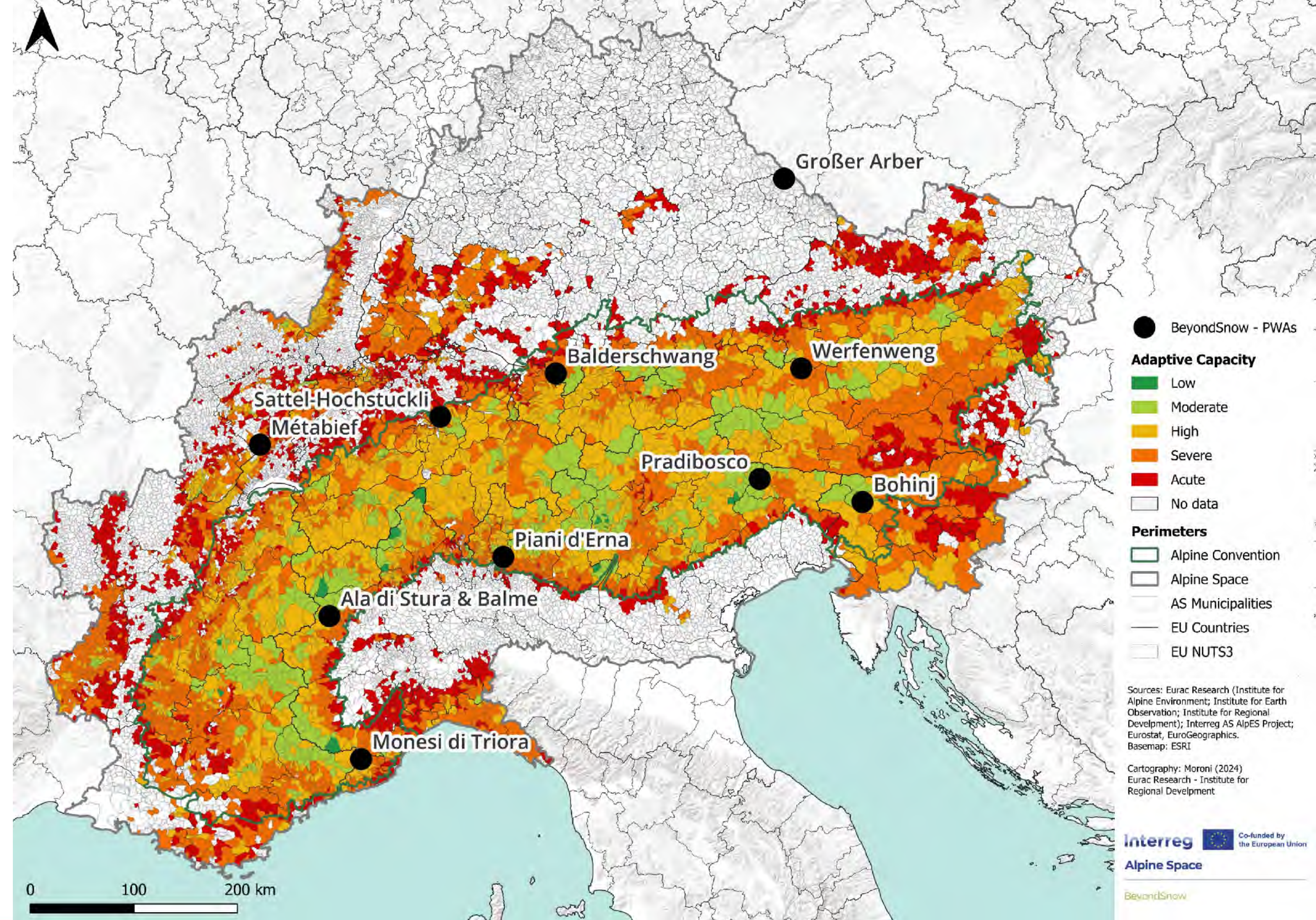


Potential Impact



For the BeyondSnow project, the identified potential impact is a change in winter attractiveness for Snow Tourism Destinations and the consequential weakening of the local economy.

Adaptive capacity



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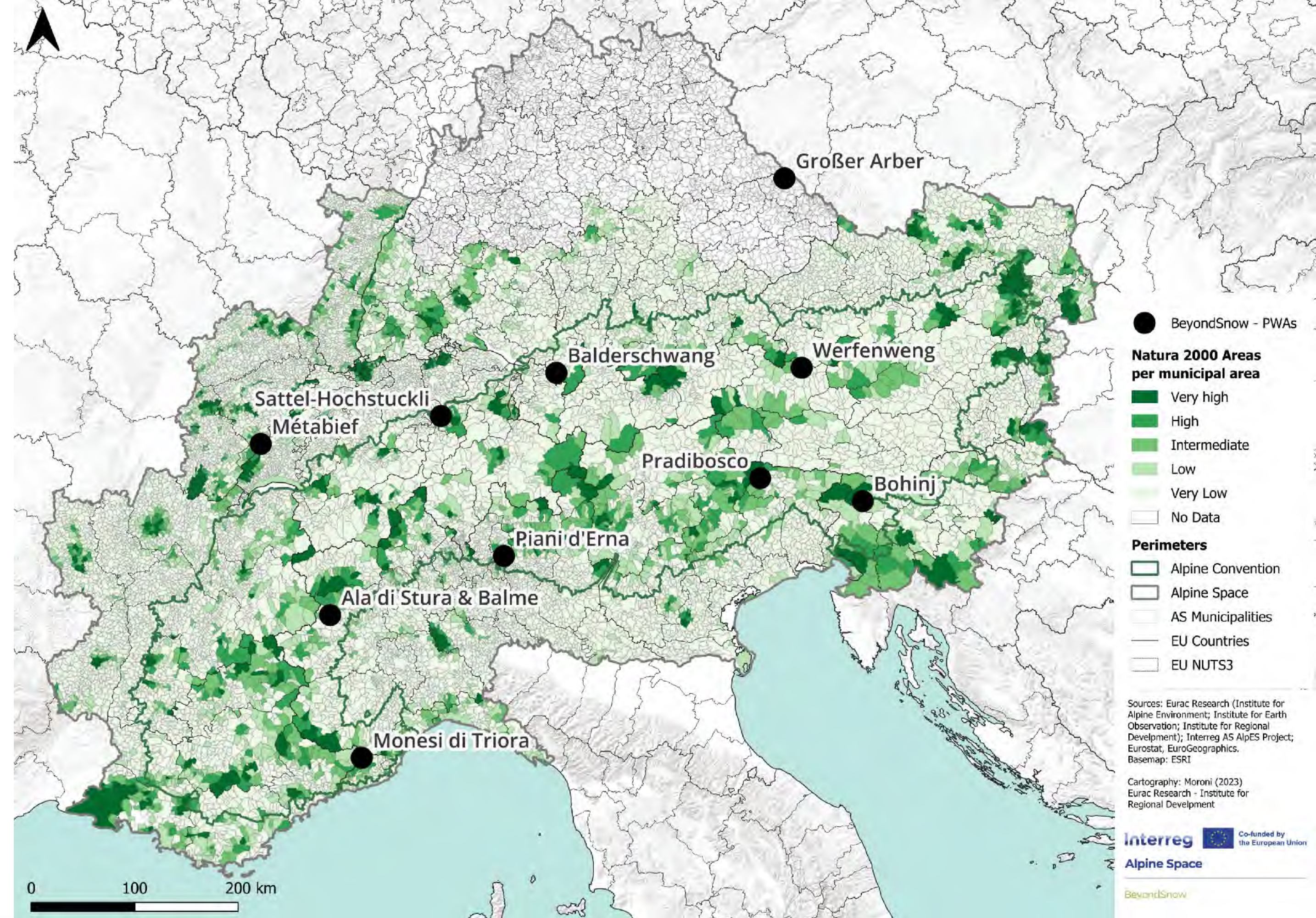
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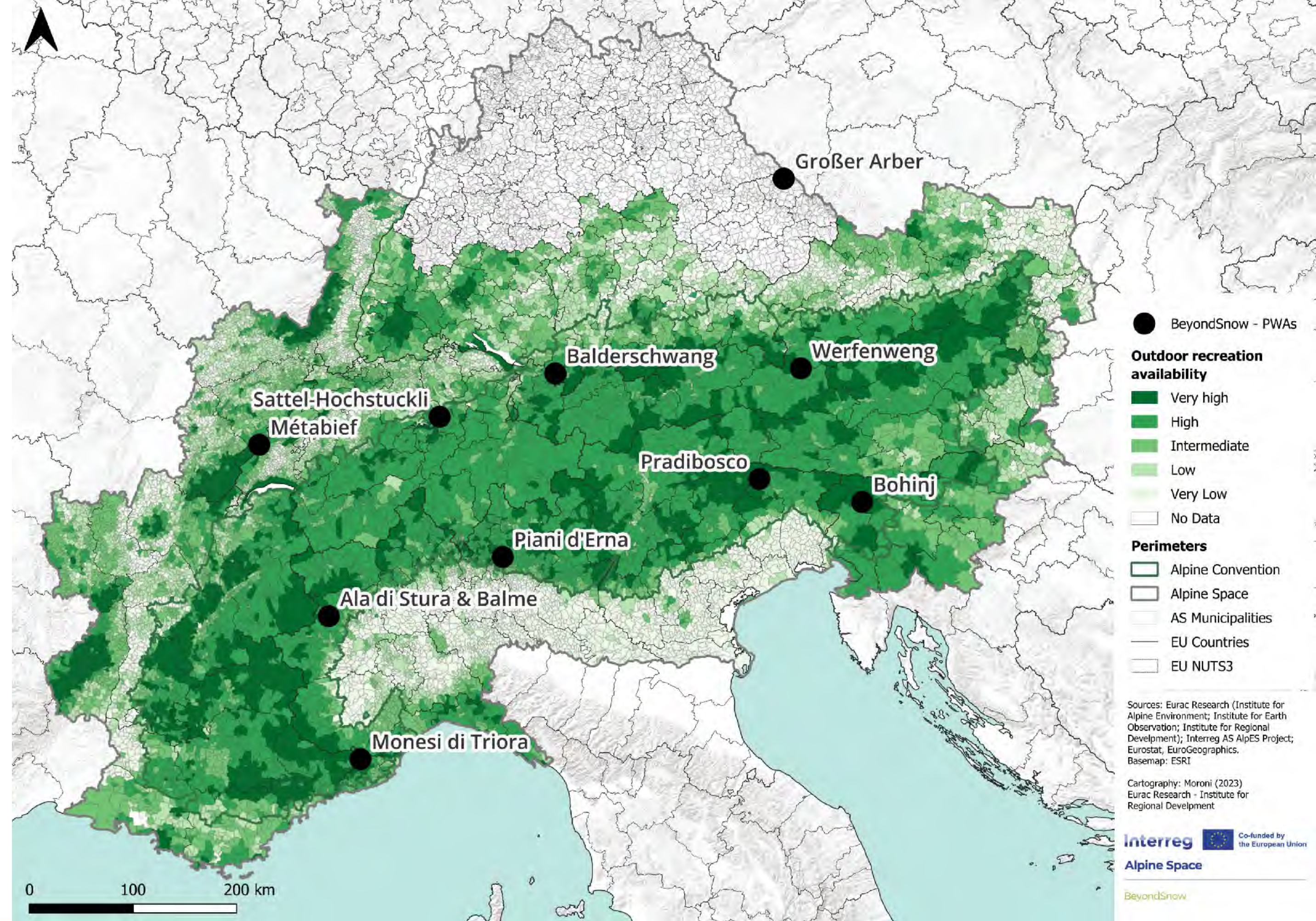
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Natura 2000 areas per municipal area



Outdoor recreation availability



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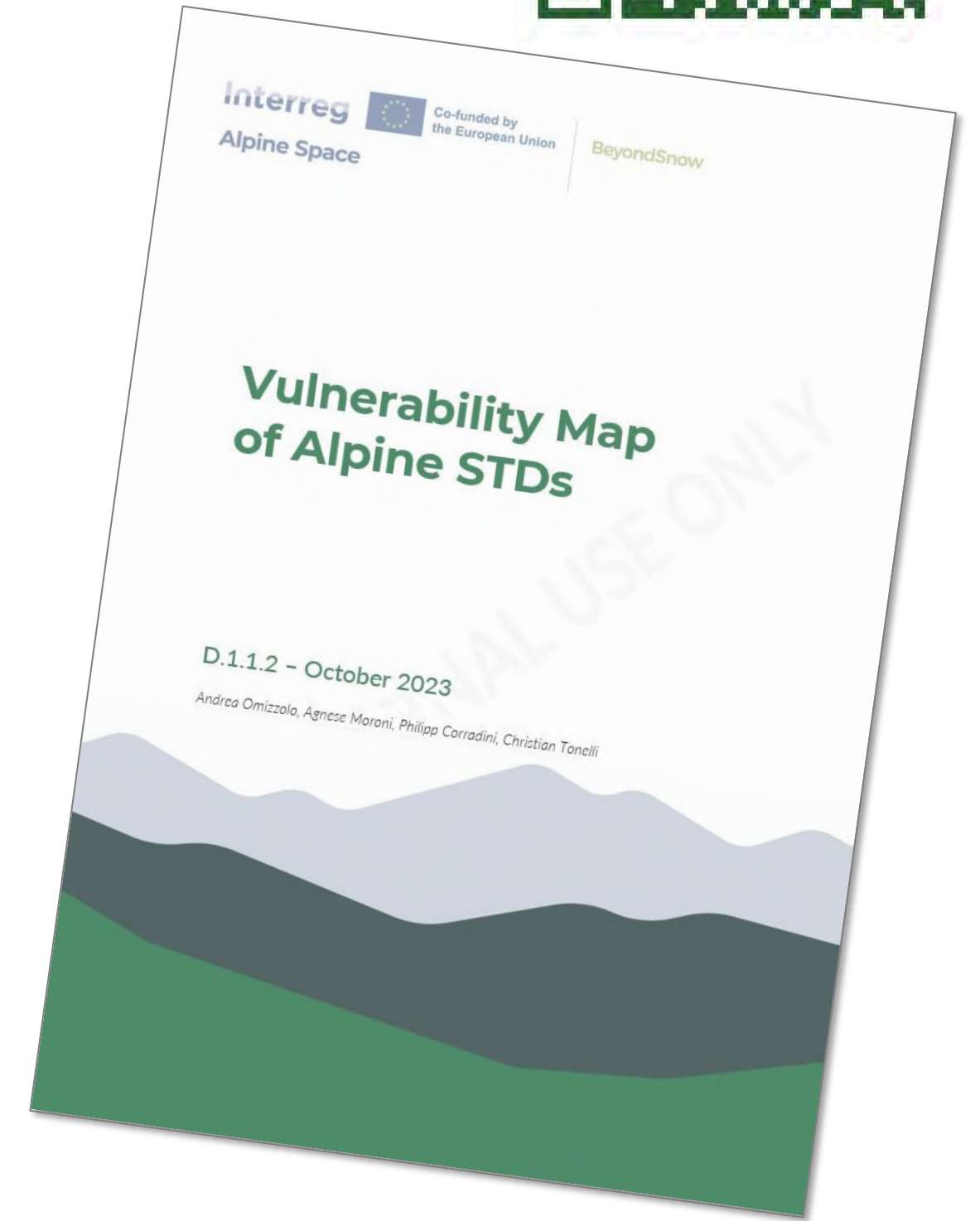
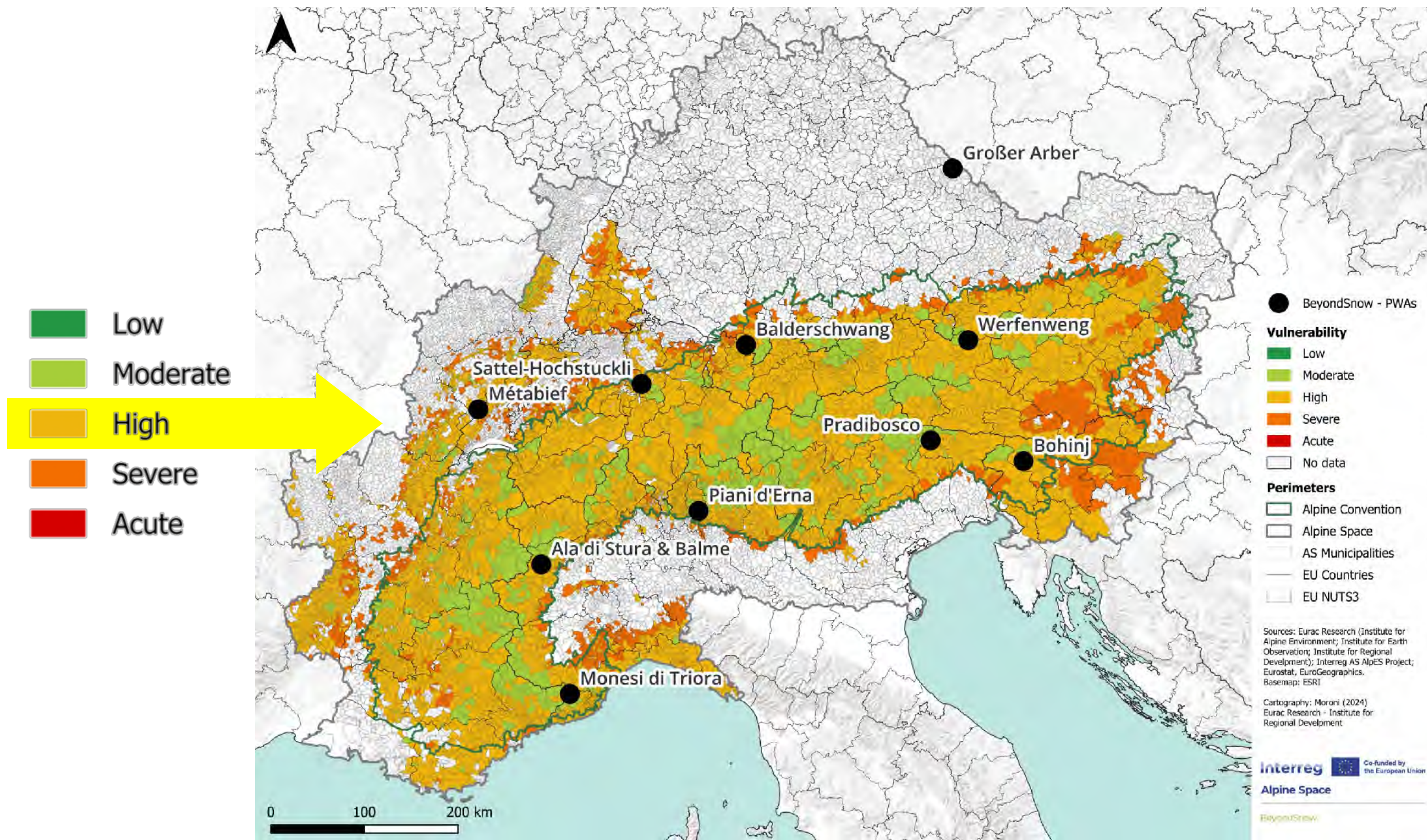
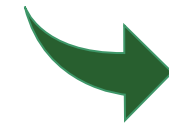
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D.1.1.2 – Vulnerability Map

Available on project website



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