LOMBARDY REGION CHALLENGES FOR SUSTAINABILITY IN THE ALPS 2021/2027 EU PROGRAMME PERIOD

FEBRUARY 6 2024

Regione Lombardia

The framework

❖ Lombardy region DFS Sport is the sport unit of Lombardy

❖ Sustainability of tourism sports, outdoor sports and mountain communities sustainable development – Milano Cortina 2026 – Olympic games

❖ Support local economies are highly seasonal and potentially deeply affected by climate change conditions

❖ Securing the future of mountain economies requires adaptation to climate change & the implementation of efficient strategies promoting the transition towards more resilient tourism models

❖ Support mountain stakeholder in order to sustainability and accessibility

Regione Lombardia

The framework

Lombardy region defined, in the **S3 Regional Strategy** the **sustainability of the tourism in mountain** areas as a specific objective for next 5 years and the sustainable and accessible sport. The same objective is indicated in the **Regional Strategy for the Sustainable Development** as declared during the Forum for the Sustainable Development in November 2021 and 2023

To reach this goals, a lot of strategic project have been implemented in last 4 years or are already in phase of implementation in order to **capitalize** results of old experimentation and in order to test **new solution and measures** able to support the raching defined in the two strategies

What we do

- ❖ Economical support for sports associations and societies;
- ❖ Economical support for municipalities on sport infrastructures;
- ❖ Regulation of sports activities at regional level;
- ❖ Regulation of winter sports at regional level;
- ❖ **Test of new innovative solutions for sport, sustainable tourism and mountain areas**

The Strategy

Identification of needs and thematic areas

accessibility

Sustainable transition

digitalization

innovation

Circular economy

The Strategy

New experimental projects/solutions

- TransTat Project in ASP Programme
- Pass4Tourisme in Central Europe
- Benefit of outdoor sports for society
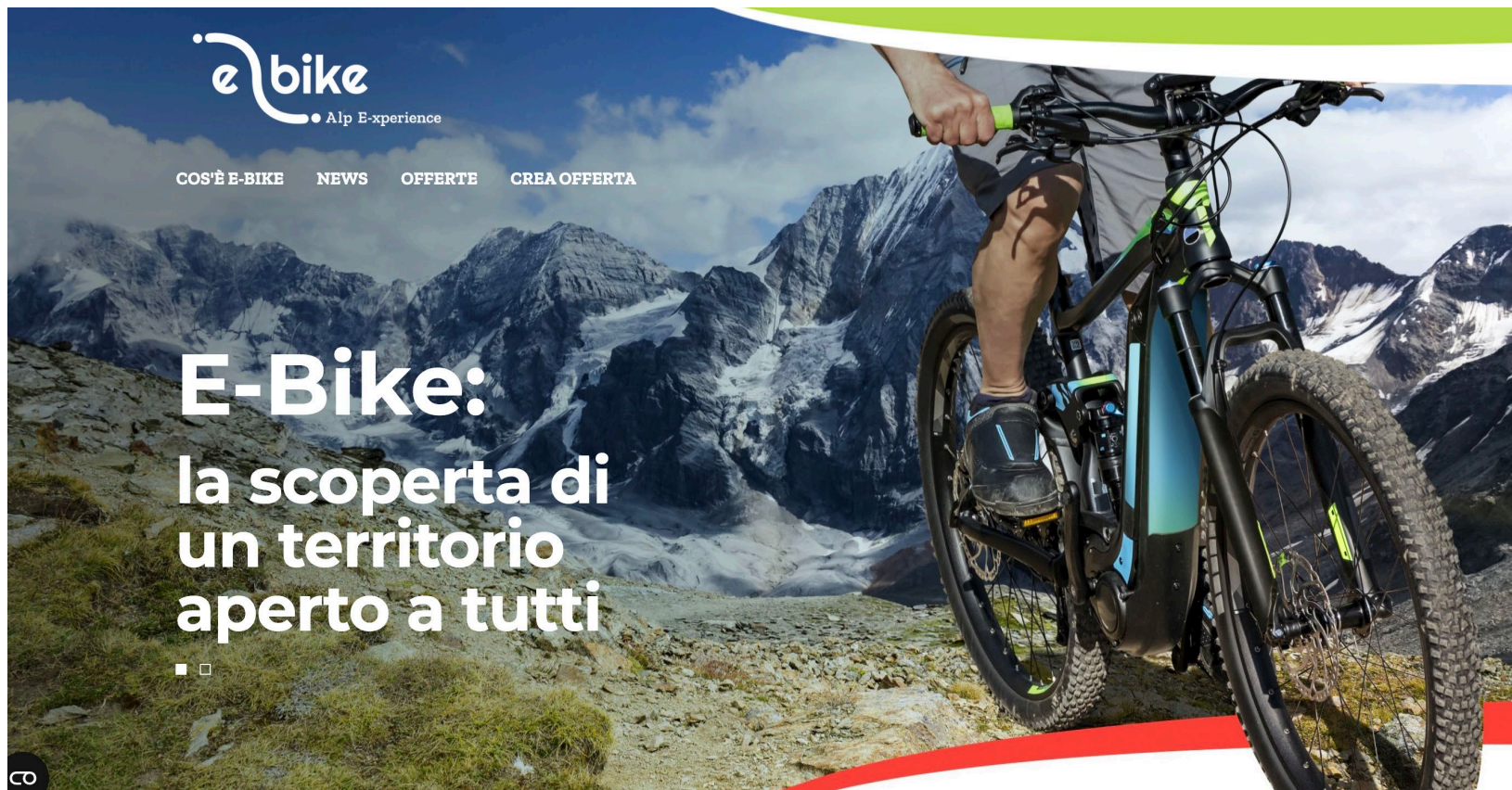- Interreg E-BIKE
- Arge Alp Ski Ability

Capitalizazion of old project and solutions

- From SMARTALTITUDE to NovALTITUDE (test of implementation of energy communities in ski resorts)

The Interreg IT-CH E-BIKE Project

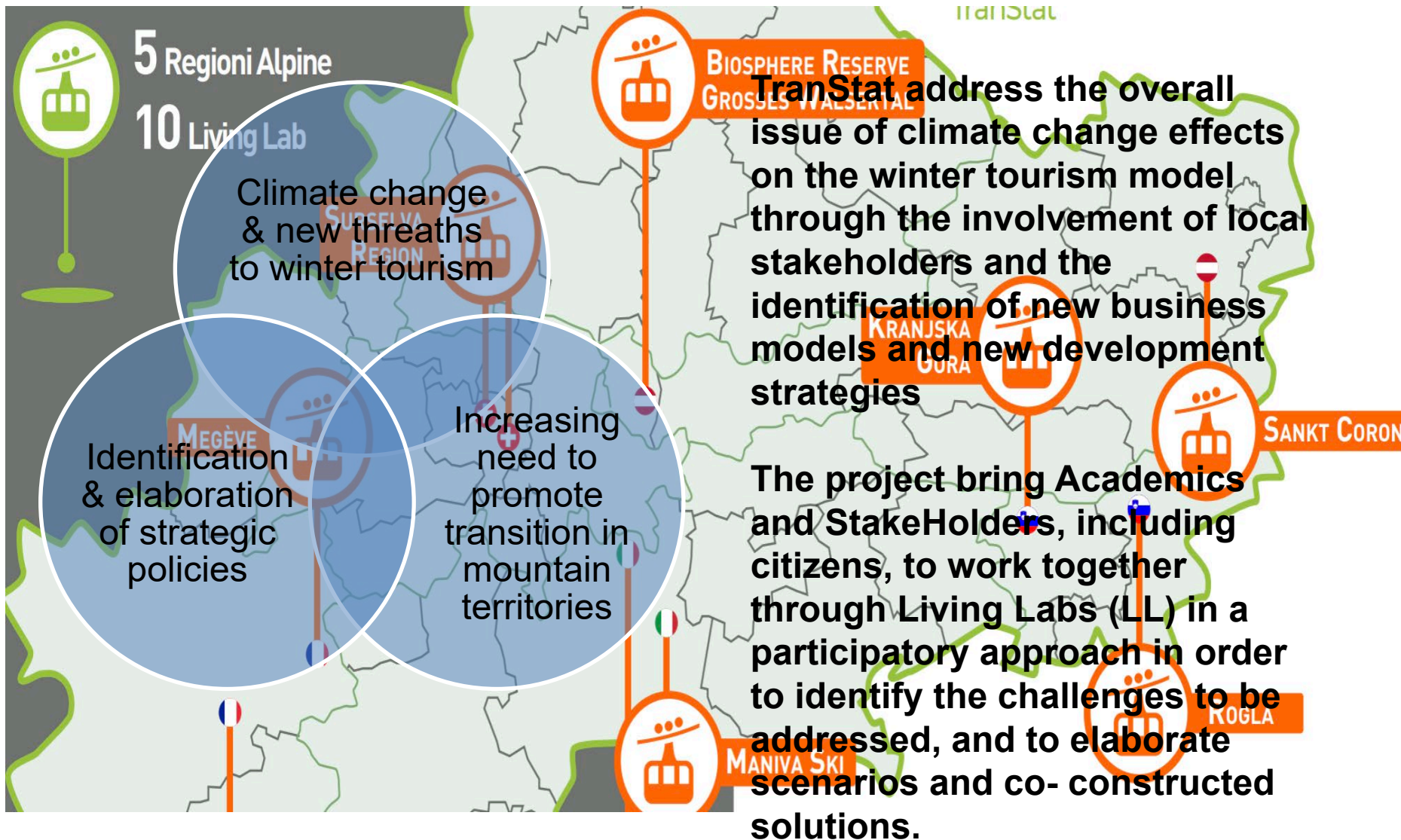## E-bike green way

E-bike cluster
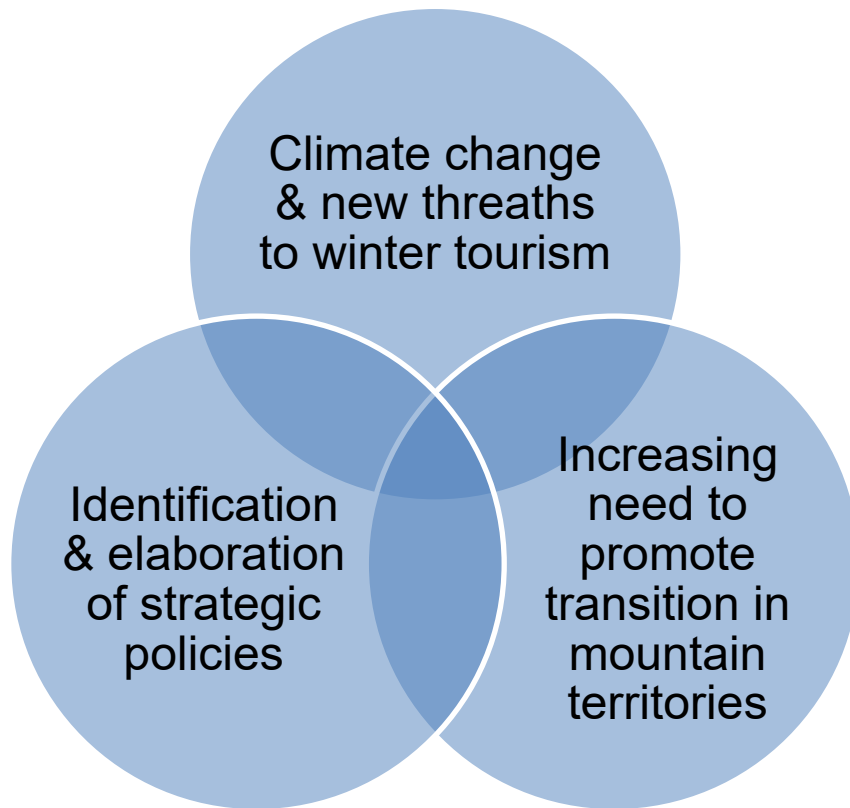
The E+ BOSS Project

Benefits of outdoor sports for society

Creation and testing of a toolkit for measurement of economic impact and economic benefits of outdoor sport activity for society

Regione Lombardia

The Alpine Space project TranStat

5 Regioni Alpine
10 Living Lab

Climate change & new threaths to winter tourism

Identification & elaboration of strategic policies

Increasing need to promote transition in mountain territories

TranStat address the overall issue of climate change effects on the winter tourism model through the involvement of local stakeholders and the identification of new business models and new development strategies

The project bring Academics and StakeHolders, including citizens, to work together through Living Labs (LL) in a participatory approach in order to identify the challenges to be addressed, and to elaborate scenarios and co- constructed solutions.

The Alpine Space project TranStat

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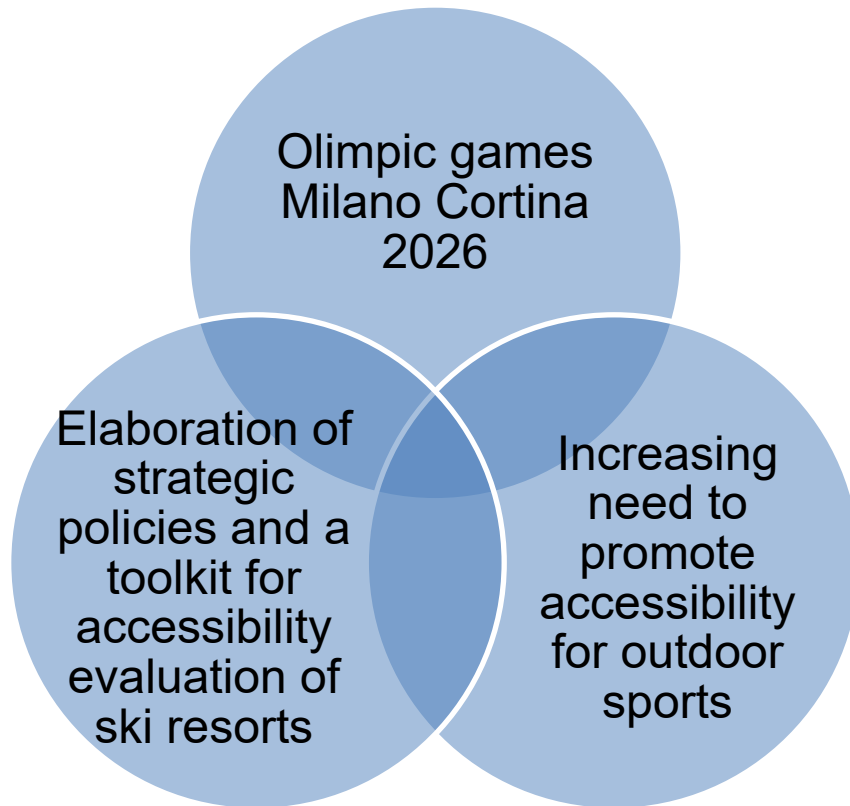Identification & elaboration of strategic policies

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The Arge Alp Ski Ability project

Olimpic games Milano Cortina 2026

Elaboration of strategic policies and a toolkit for accessibility evaluation of ski resorts

Increasing need to promote accessibility for outdoor sports

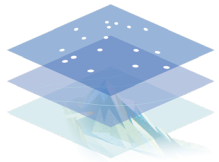Arge Alp community – 12 regions and cantons from Italy, Swizerland, Austria, Germany

Toolkit for evaluation of accessibility in ski resort – main goal;

8 ski resort involved in the test;

Future design for accessibility;

Guidelines for the accessibility transition for alpine ski resorts

The previous project – Smart Altitude

WebGIS:
for measuring and visualizing energy performance

Living labs:
for testing clean energy innovation in mountain tourism territories

Toolkit:
for planning, optimizing and implementing new strategies

Replication:
for transferring knowledge and solutions over the Alpine Space

03 PLAN
Plan future low-carbon improvements consulting implementation models on energy efficiency, sustainability, energy management, smart grid and climate adaption.

04 IMPLEMENT
Carry out the planned low carbon interventions, see the experiences of real living labs.

02 SET PRIORITIES
Where can we go? What are the main weaknesses? Where it is most effective to invest?

05 MONITOR
Monitor the performance of what has been implemented and quantify the benefits obtained.

01 AUDIT
Where are we and where do we want to go? Collect data on the status of energy efficiency, sustainability, energy management, smart grid and climate adaptation; Evaluate the Kpls in a comparative perspective with other ski resorts.

06 COMMUNICATE
What have we achieved? Make visible what has been implemented (local advertising, internet, low-carbon label.

Smart Altitude Decision Making

smartALTITUDE

Smart Altitude tools

The Alpine Space NOVALTITUDE project

Regione Lombardia recently approved a new law on Renewable Energy Communities. The NOVALTITUDE project aims at providing:

- One of the first sites in Lombardy where the new law applied in real-life conditions
- First energy community in mountains connected to a ski resort in Italy
- Big interest of local decision-makers to experiment and establish new models of self energy production/consumption
- Potential integration with new mobility models based on shared electrical vehicles

Within the project the objective **is to promote the establishment of a local energy community** connected to ski resort and e-mobility for sustainable mountain tourism

RegioneLombardia
IL CONSIGLIO

Legge Regionale 23 febbraio 2022, n. 2
Promozione e sviluppo di un sistema di Comunità Energetiche Rinnovabili (CER) in Lombardia. Verso l'autonomia energetica
(BURL n. 8 del 25 Febbraio 2022)
urn:nir:regione.lombardia:legge:2022-02-23;2

Art. 1
(Finalità e oggetto)

1. Regione Lombardia persegue la transizione energetica del sistema socioeconomico regionale ponendosi l'obiettivo della neutralità carbonica netta al 2050.

2. Regione Lombardia favorisce la produzione di energia da fonti rinnovabili, la sperimentazione e la promozione dell'efficientamento e della riduzione dei consumi energetici, al fine di superare l'utilizzo dei combustibili fossili, anche in attuazione degli obiettivi fissati dall'Unione europea in materia di sostenibilità ambientale e di produzione e consumo di energia da fonti rinnovabili, ai sensi di quanto previsto dalla direttiva 2018/2001/UE del Parlamento europeo e del Consiglio dell'11 dicembre 2018 sulla promozione dell'uso dell'energia da fonti rinnovabili e dalla direttiva 2019/944/UE del Parlamento europeo e del Consiglio del 5 giugno 2019 relativa a norme comuni per il mercato interno dell'energia elettrica e che modifica la direttiva 2012/27/UE, nonché dei decreti legislativi 8 novembre 2021, n. 199 e n. 210 di attuazione delle direttive 2018/2001/UE e 2019/944/UE.

The Strategy – collect output in policies