



# SIEPPUR

Sustainable snow management

The SIEPPUR project aims to identify, develop and promote sustainable practices in snow management from production, storage, transport, grooming to handling.

The European Union Erasmus + Funded project will run from December 2022-May 2025.

## OBJECTIVES

1. **Increase awareness** about sustainable snow management practices
2. **Identify solutions** for the entire snow sport sector in pursuing resource optimisation and efficiency objectives.
3. **Develop management tools** and techniques to **monitor and minimise water and energy use** and to optimise the efficiency of snow management, whilst reducing impact on flora and fauna from both short-term (daily) and long-term (climate change) perspectives.
4. **Educational sessions** and **training modules** for snow sports entities

## METHODOLOGY

1. **Initial assessment** of current practices in selected snow sports venues,
2. Conduct a **gap analysis** and **identify best practices** for minimising resource use and improving sustainability governance in snow sport organisations.
3. Based on modeled snow climatological scenarios for venues across the continent, the project will develop **new knowledge** to advance the different dimensions of sustainable snow management practices
4. Translate the new knowledge into **implementation roadmaps** for different cultural and geographical circumstances.



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## PARTNERS



**Project Coordinator:** the International Biathlon Union (IBU) is the international governing body for the Olympic sport of biathlon with 61 member National Federations.



**Scientific Partner:** The WSL Institute for Snow and Avalanche Research (SLF)'s research group on Winter Sports and Climate investigates snow management and snow farming, develops snow cover models and works on snow climatological analyses and scenarios.



**Scientific Partner:** is Sweden's innovation hub for sports & outdoor, helping individual companies, organisations, and sport federations with their sustainability challenges.



**Communication Partner:** the Sustainable Mountain Alliance (SMA) is a non-profit association that identifies and supports inspirational, innovative solutions and a regenerative economy in the mountains.



**National Partner, Sweden:** The Svenskt Skidskytte AB (SSSAB) is a company owned by the Swedish Biathlon Federation that works to improve the sustainability and environmental impact of biathlon.



**National Partner, Poland:** The Polish Biathlon Association (PZB) is the national governing body of the sport of biathlon in Poland that is located at a relatively low altitude and hence directly subject to the impacts of climate change.



**National Partner, Slovenia:** the Slovenian Ski Association (SZS) manages a full spectrum of snow sports, with a total of eight disciplines, seven of which are represented in the Olympic Winter Games.



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## VENUES

### **ALPINE REGION** High Altitude – Low Latitude

- Pokljuka, Slovenia
- Martell, Italy
- Lenzerheide, Switzerland

### **LOW MOUNTAIN** Low Altitude – Low latitude

- Jakuszyce, Poland
- Nove Mesto, Czech Republic
- Notschrei, Germany

### **SCANDINAVIA** High Latitude – Low Altitude

- Kontiolahti, Finland
- Otepää, Estonia
- Östersund, Sweden
- Vålådalen, Sweden

## CONTACT

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