



ViViTo

an interactive information tool
for mountainous protected areas



Alexander Thimm, Swiss National Park





Topics

- ALPENCOM project and ViViTo application
- User Interfaces of ViViTo
 - joystick
 - touch screen





ALP ENviromental COMmunication

- Interreg III B - Alpine Space





Project Partner

- France



- Italy



- Slovenia



- Austria



- Germany





Associate Partner

- further protected areas involved



- technical partner





Objective of ALPENCOM Project

- “A global Information and Communication Exchange System for sustainable management of natural resources and public relation for Alpine networks of protected areas.”

Communication between protected areas

- knowledge exchange about sustainable management of PA

Communication to the publics

- information tool for visitor centres

Virtual Visit Tool – ViViTo





Idea of ViViTo

Information

- Natural and cultural richness of the alpine region
- Singularity & commonalities of the alpine protected areas
- Environmental issues, nature conservation

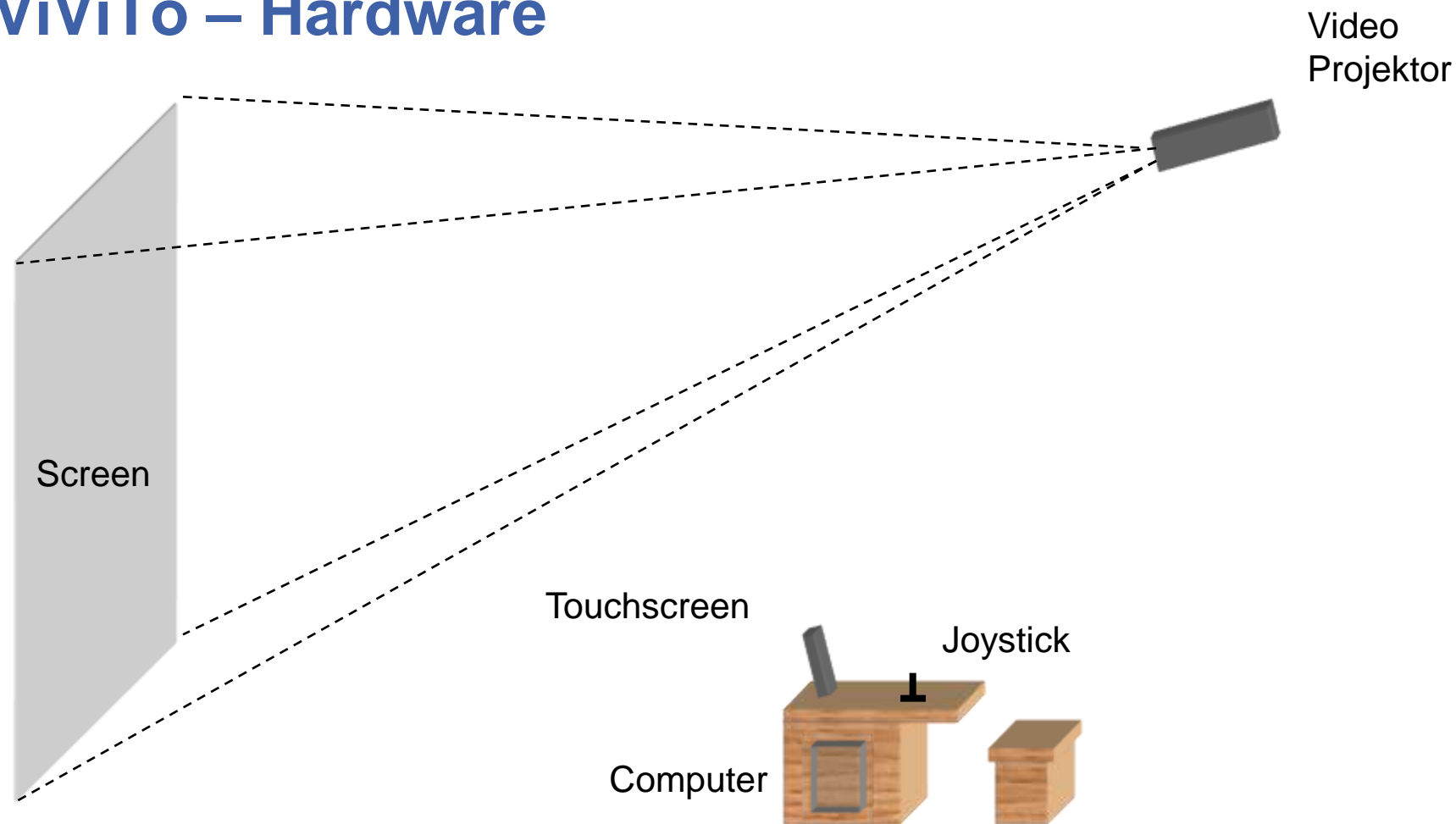
Emotions / Fun

- flying over the Alps
- like a game (joystick)
- exploring interesting places





ViViTo – Hardware



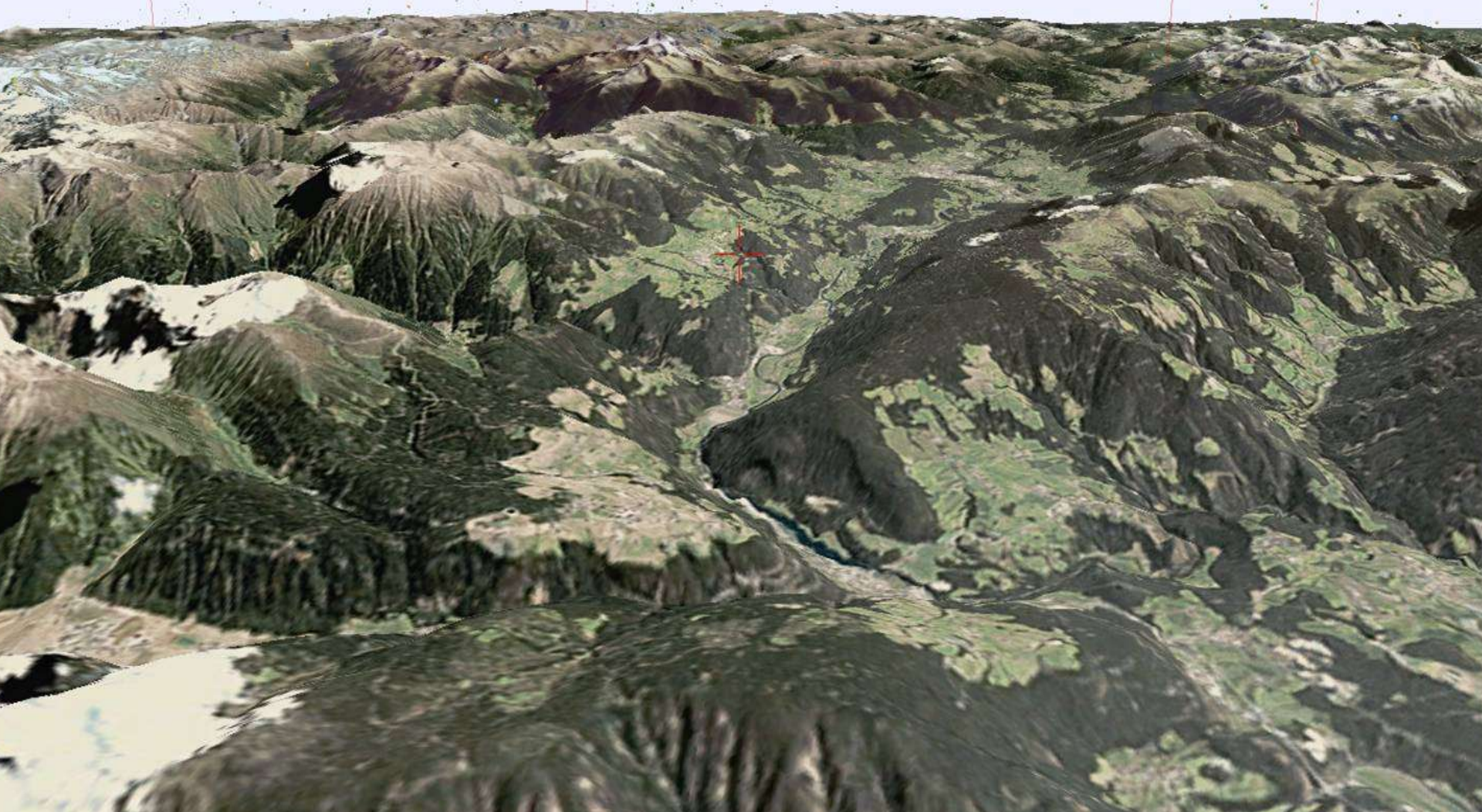


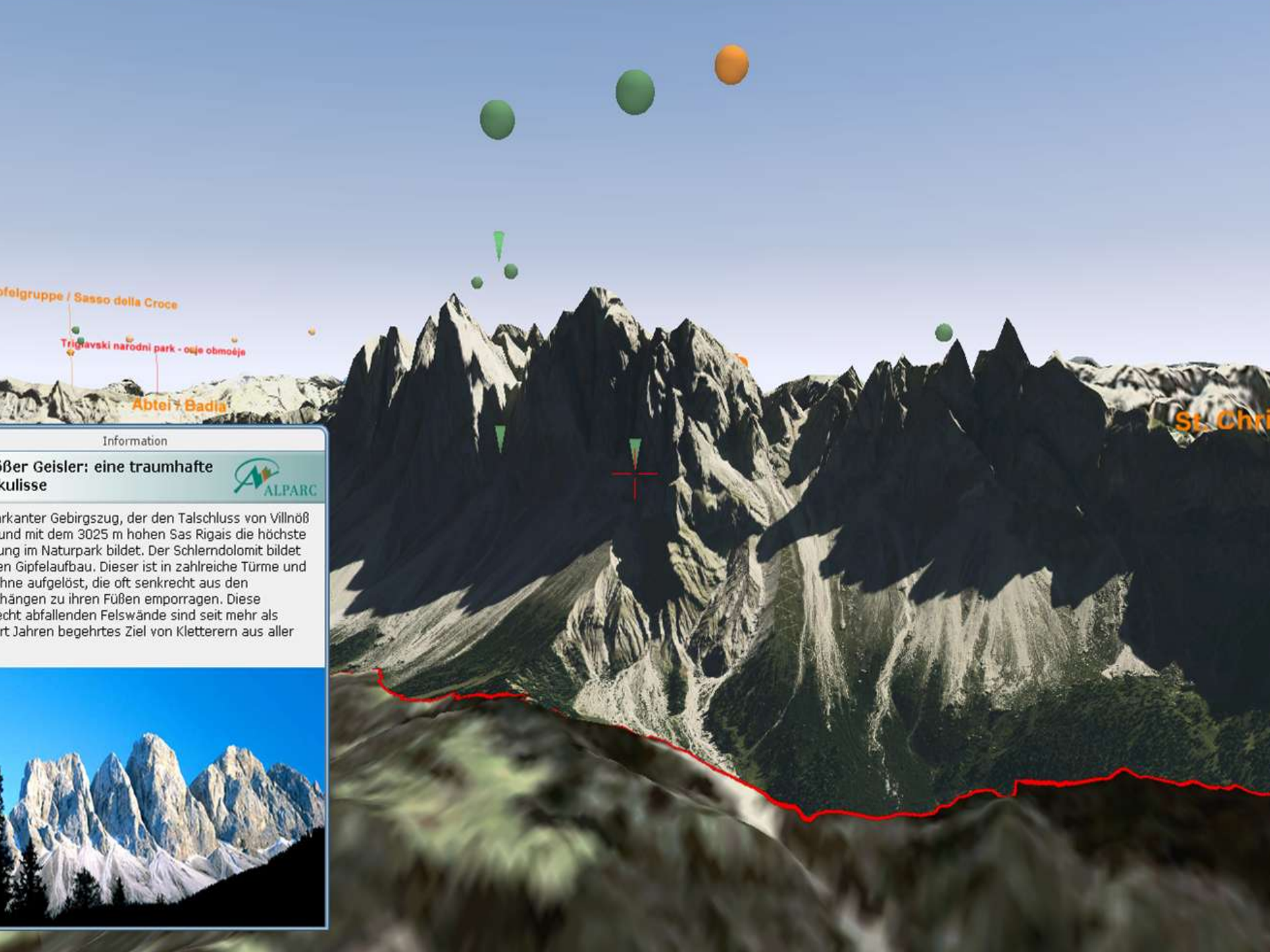
Borchesgaden

Hohe Tauern

Sexten / Sexto

Triglavski narodni park - ozje območje





Abteigruppe / Sasso della Croce

Triglavski narodni park - osje območje

Abtei Badia

St. Christi

Information

Gröber Geisler: eine traumhafte Kulisse



Starker Gebirgszug, der den Talschluss von Villnöß und mit dem 3025 m hohen Sas Rigais die höchste Gipfelkette im Naturpark bildet. Der Schlerndolomit bildet den Gipfelaufbau. Dieser ist in zahlreiche Türme und ohne aufgelöst, die oft senkrecht aus den Felsen zu ihren Füßen emporragen. Diese steil abfallenden Felswände sind seit mehr als 100 Jahren begehrtes Ziel von Kletterern aus aller





User Interface Design

- The visitors (users) are very heterogeneous
 - age
 - computer experiences
 - characters

All of them should be able to use the application within a few minutes!

The user interfaces should be attractive for most users!





Demonstration touch screen menu



Touch screen: welcome page

3D-scene: overview Alps





Demonstration touch screen menu



Touch screen: selected protected area in the Western Alps

3D-scene: Les Ecrins





Demonstration touch screen menu



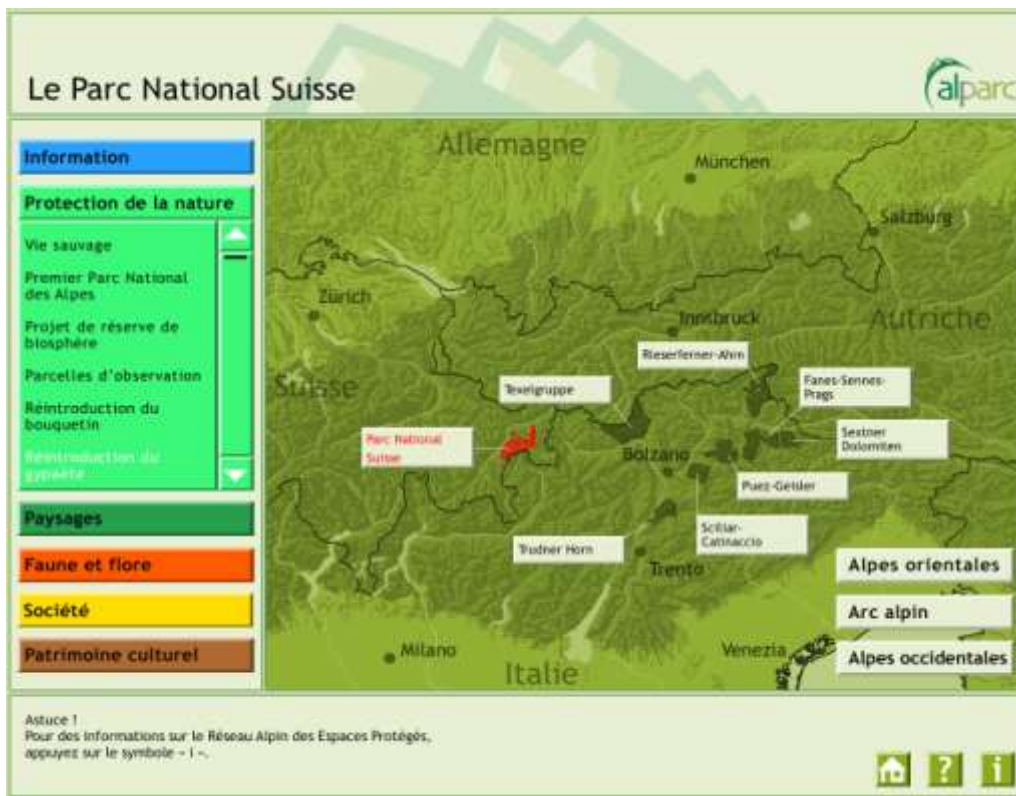
Touch screen: selection of a POI of Ecrins, category Nature Conservation

3D-scene: activated POI





Demonstration touch screen menu



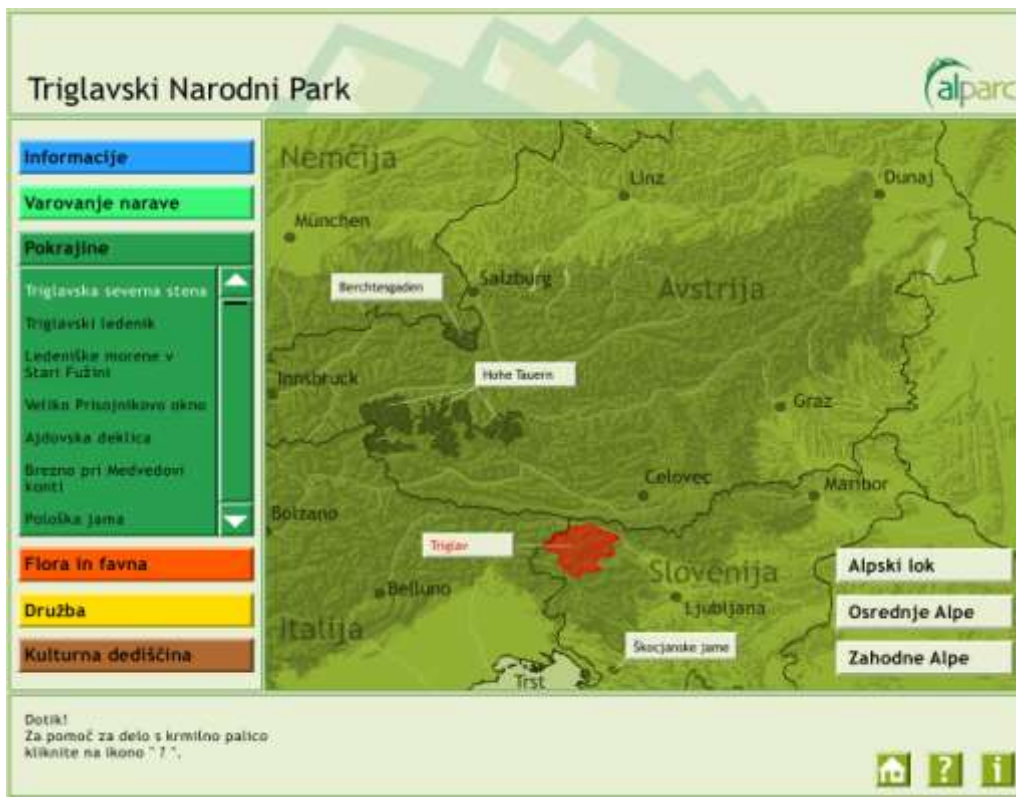
Touch screen: selection of a POI in the Central Alps

3D-scene: activated POI





Demonstration touch screen menu



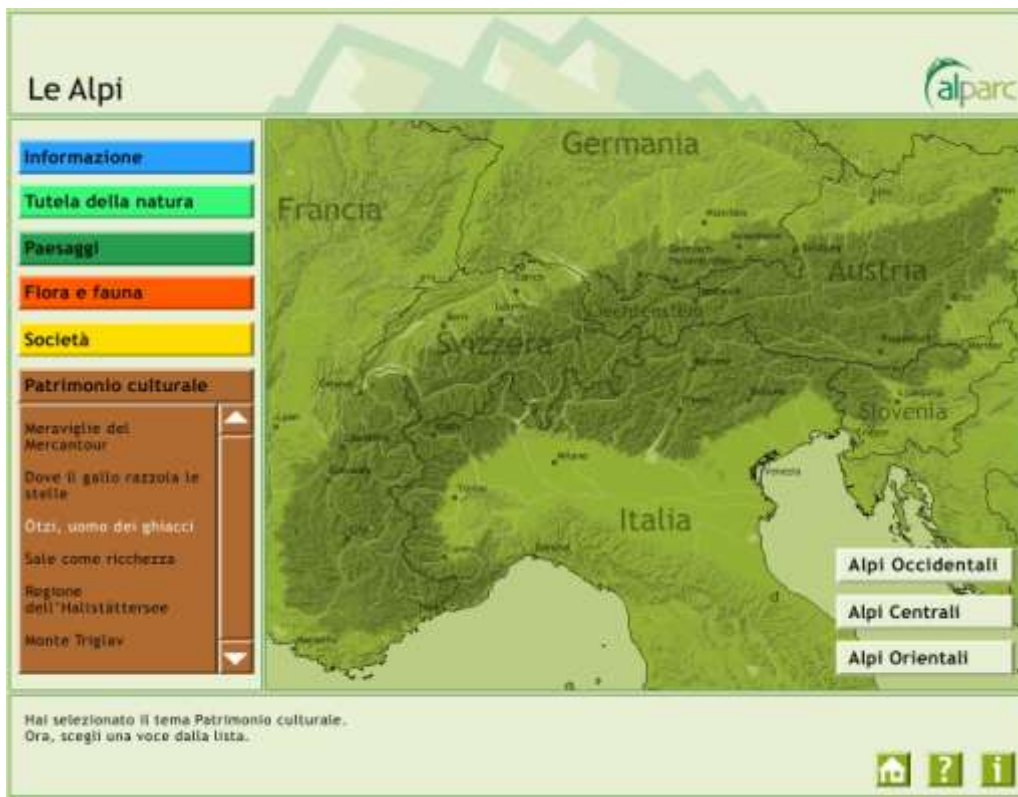
Touch screen: selection of a POI in the Eastern Alps, category Landscapes

3D-scene: activated POI





Demonstration touch screen menu



Touch screen: selection of an Alpine POI, category Cultural Heritage

3D-scene: activated POI





Thank you for your attention



Alexander Thimm

Parc Naziunal Svizzer

Thanks

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