

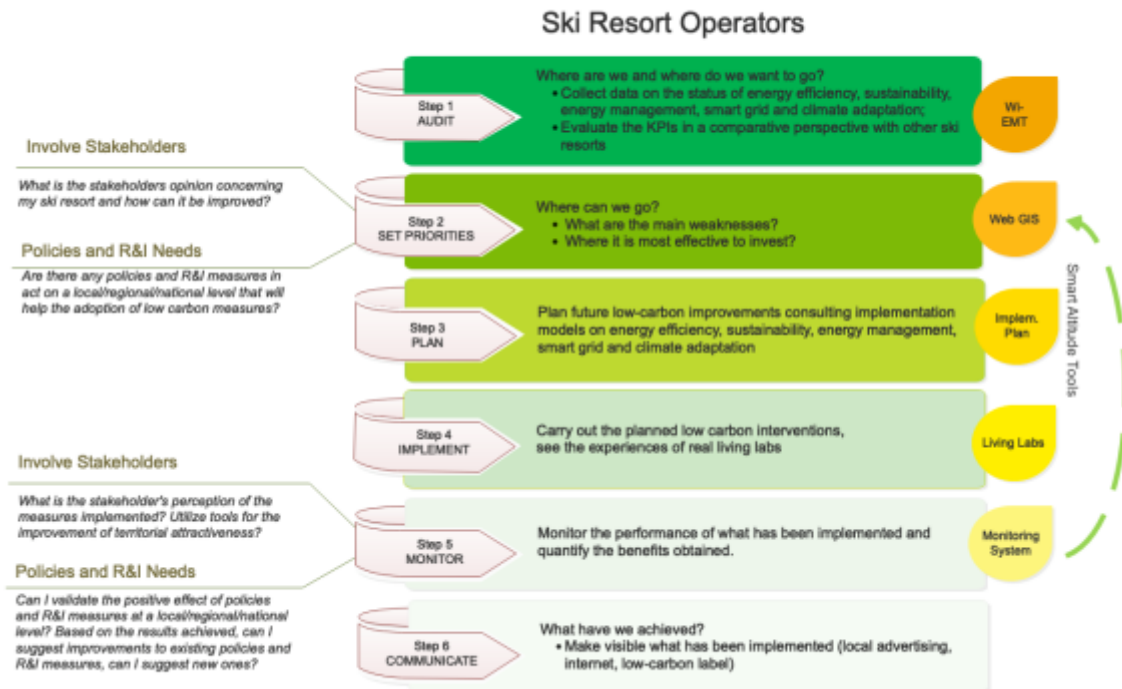
Smart Altitude Decision-Making Tree

The Smart Altitude Decision-Making Tree (see Figure) is designed as a comprehensive approach of parameters envisaged for the implementation of low-carbon interventions in alpine winter tourism areas. The aim of the Smart Altitude Decision-Making Tree (DMT) is to provide the ski resort operators with a comprehensive approach of interventions useful for the selection and implementation of low-carbon measures, particularly focusing on energy efficiency, renewable energy, sustainable mobility, energy management, smart grid and climate adaptation, which are the key areas on which the project's Living Labs focus.

The DMT is designed as a toolkit outlining steps and decision-making factors, that ski resort operators should go through for successful implementation and refers to elements and tools developed by Smart Altitude and tested by the project's Living Labs and the project's replicators.

Even if the DMT has been designed for ski resort operators, as key decision makers targeted by Smart Altitude, the importance of policy makers and other stakeholders is not underestimated. Indeed, policies of various kind should support the planning and implementation of measures, and relevant stakeholders, including private, public sectors and the final users, should be engaged throughout the whole process. An online platform replicates the DMT in an interactive mode, allowing implementation of mitigation and adaptation strategies, based on territorial characteristics and objectives of the user. The Smart Altitude Toolkit provides a step-by-step online tool declining key stages and decisions required for a comprehensive mitigation and adaptation strategy of winter tourism destinations. The DMT structure is provided in the figure below, which summarises the key steps allowing ski resort operators to successfully implement and enhance mitigation and adaptation measures. Each step refers to a tool developed by the Smart Altitude project, highlighted in the yellow boxes, which enables to perform the step. The tools will be tested by Smart Altitude Living Labs and made available to the replication sites across the Alpine Space.

The steps are designed within a management cycle perspective for continuous improvement of the strategy set in place.



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