

SMART MOUNTAIN 5G



AN EUROPEAN PROJECT EUROPEEN AT MOUNTAIN SERVICE



SMART MOUNTAIN 5G IS A PROJECT FROM THE EUROPEAN CEF PROGRAM (CONNECTING EUROPE FACILITIES) WHICH ASSOCIATES:

Numerisat : operator of very high speed broadband and IOT connectivity, by Satellite and 4G-5G Networks, **project coordinator**

Firecell : French specialist of open source softwares for 5G private networks development

CleverValues : A company specialized in value creation engineering

Hydrostadium : Hydropower plants specialist

Savoie Montblanc Universities

And public authorities :

Val-Cenis, Bessans,

Bonneval sur Arc, Aussois

AURA Region

As well as

Cluster Montagne

GIDA

THE PROJECT

Smartmountain5G aims to deploy a private 5G network in the Haute Maurienne region and test a whole range of use cases for the Mountain economy

USE CASES THEMES

4 use case themes will be deployed:

Energy management, Tourism and infrastructure management, Agriculture, Security and environment

BE A PARTNER OF THE PROJECT

To find out more about the project, propose use cases or become a partner in the project:

smartmountain5G.com
contact@smartmountain5G.com

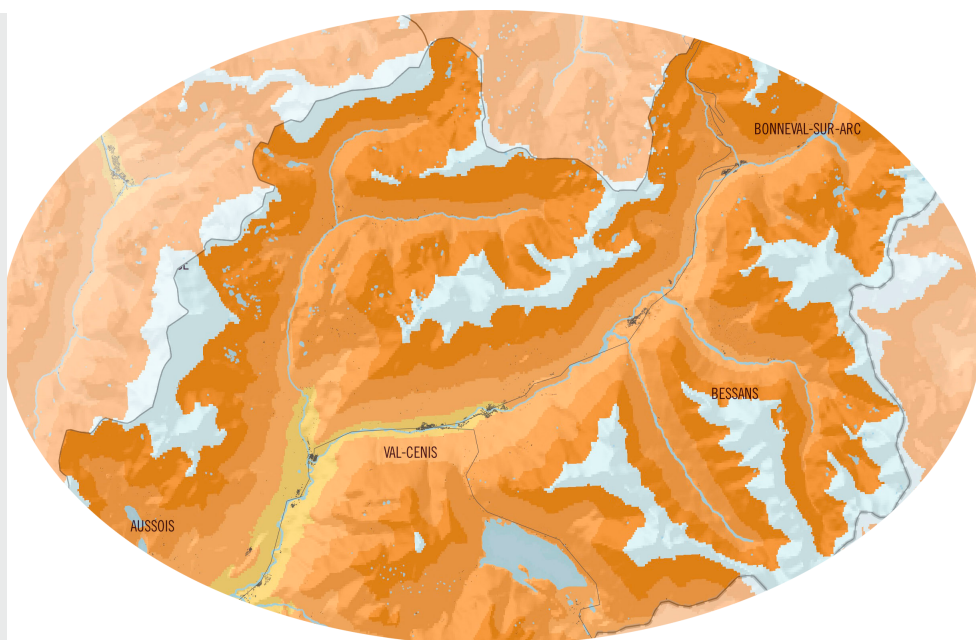
Tel : 0806110070

HAUTE MAURIENNE

Haute Maurienne is located at the bottom of the ARC valley, on the border with Italy.

It is a mountain and high mountain territory surrounded by mountains of more than 3000 m, producer of renewable energy, with a strong seasonal activity due to the presence on its territory of several ski resorts and the magnificent Vanoise Park. It is also a pasture area where agriculture and livestock represent an important economic resource.

The Haute Maurienne will be the first mountain territory in Europe to have a private 5G network at the service of its local authorities.



The SmartMountain5G project will deploy a particularly innovative secure private 5G network from Bramans to Bonneval sur Arc, combining satellite connectivity and radio infrastructure.

The infrastructure set up from the summer of 2025 will make it possible to offer high-performance connectivity throughout the country, the deployment of sensors and terminals and the testing of different use cases. These will be implemented as and when needs are expressed by all interested parties to benefit from the deployed network.

QUELQUES EXEMPLES DE CAS D'USAGES

SMARTMOUNTAIN ENERGY

- . Supervision of electricity production
- . Facility Safety and Alerts
- . Infrastructure Resilience

SMARTMOUNTAIN TOURISM

- . Infrastructure management and supervision
- . Tourism Event Management
- . Worker safety
- . Connectivity of refuges and remote sites

SMARTMOUNTAIN AGRI

- . Water management and resource sharing
- . Forage resources and agriculture tasks
- . Living conditions of farers and herd surveillance

SMARTMOUNTAIN SAFETY

- . Environmental monitoring
- . Risk prevention and detection
- . Effectiveness of rescue teams and crisis situations

