

# Partner search/offer

Date (DD-MM-YY)

**(\*) – Mandatory**

- **(\*) Relevant topic(s) in work programme (code & name of the topic(s) line(s))**

Interreg Alpine Space – Small-scale projects call (<https://www.alpine-space.eu/for-applicants/how-to-apply/>) Deadline 22 April 2022

- **Quick description of the project concept**

Virtual Reality has been identified as a real booster for learning and raising awareness, particularly for technical professions when it is integrated into the overall pedagogy of training. It makes it possible to limit the risks for the learners, to have a pedagogical follow-up of the application of procedures or technical gestures but also to be able to easily duplicate these training courses without heavy investment in equipment and to limit travel.

The evolution of transport technologies, in urban and mountain environments, calls for more and more innovative solutions, electric scooters, electric bikes, electric cars, through public transport buses, gondolas or cable cars. This transformation leads to a need for technicians capable of working on these technologies on all electrical and mechanical aspects. This results in an expectation of training for maintenance technicians in order to remove investment barriers for decision-makers and promote the energy transition.

The ambition of this project is to develop a module based on Virtual Reality which will make it possible to raise awareness and prepare maintenance technicians for the authorization of the specificities of electric motorization solutions by taking into account electrical risks, among others related to batteries, and mechanical risks. But also to support in the Alpine space and the metropolitan areas the rise in competence of companies on the maintenance of these new modes of travel.

Consortium: CIMES Auvergne-Rhône-Alpes (innovation hub – Coordinator), 2 French companies (technological platform + VR technology provider), 1 Italian company (cutting-edge real-time 3D development company)

- **(\*) Description of the expertise requested (up to 1000 characters)**

Looking for an end-user company that expresses a need in maintenance of mechanical and electrical motorization systems and has an interest in VR technologies.

This company could join the consortium along with a regional cluster that will facilitate the understanding of European expectations and the relationships with the consortium.

Partners must be from Germany, Switzerland or Austria.

- **(\*) Keywords describing the expertise requested (up to 10 words)**

Motorisation, maintenance, mechanical or electric drive, VR technology, training tool

## Organisation information

**(\*) Organisation and country:**

**CIMES Auvergne-Rhône-Alpes (FRANCE)**

**(\*) Type of organisation:**

Enterprise  SME  Academic  Research institute  Public Body  Other: Cluster

**Former participation in FP European projects?**

Yes  No

**Web address:** <https://www.cimes-hub.com/>

**Description of the organisation:** CIMES is a French innovation hub located in both regions Auvergne-Rhône-Alpes and Nouvelle-Aquitaine and dedicated to mechanical engineering, manufacturing and production performance. Our mission is to coordinate the highly-innovative ecosystem gathering the stakeholders from industry, academic and research communities in order to think, develop and industrialize processes, products and services in the framework of Industry 4.0. We gather companies (SMEs and big groups), research centres (private and public) and education stakeholders with the aim of accelerating innovation and enabling the emergence of innovative collaborative projects. Our large ecosystem is composed of more than 500 organisations.

In the planned project, CIMES will coordinate the consortium and make the link with the industrial ecosystem and stakeholders. It will also bring an administrative support to the consortium mostly composed of companies.

### (\*) Contact details

<b>Contact person name</b>	<b>Loïc MARIN</b>
<b>Telephone</b>	<b>+33637038309</b>
<b>E-mail</b>	<a href="mailto:l.marin@cimes-hub.com">l.marin@cimes-hub.com</a>
<b>Country</b>	<b>France</b>