



FRENCHCOMPETITIVENESS CLUSTER **ALPHA-RLH**

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THE **PHOTONICS AND MICROWAVE FREQUENCIES** COMPETITIVENESS CLUSTER IN NOUVELLE-AQUITAINE



THE ALPHA-RLH FRENCH CLUSTER (Nouvelle Aquitaine)

A unique position in Europe



THE ALPHA-RLH FRENCH CLUSTER (Nouvelle Aquitaine)

The structure of the cluster



278 members including 200 companies



2 international representations (USA & China)

→ Japan in 2020



An operational team of **24** people (18 FTE)



Acknowledged experts leading strategic activities and
Contributing to R&D&I collaborative projects

Example of our members



European Projects (partner, coord.) : a facilitator for research and business



Support the structuring and development of our members

➤ Research & D &I with collaborative projects

Example : [European Research Area \(ERA\) corona platform](#)

Medical technologies, Digital tools and Artificial Intelligence (AI) analytics to improve surveillance and care at high Technology Readiness Levels (TRL)

ID: SC1-PHE-CORONAVIRUS-2020-2B (deadline 11 June)

Contact us!

➤ Dissemination, Communication, Outreach, SME services offers, Event organisation, Business opportunities



ALPHA RLH encourages the adoption of deep tech (photonics, microwaves technologies, AI and digitalization) for the development of new products and services in Health and autonomy domains and in many other sectors (defence, energy, ICT...)

Our motivation and position: supporting SMEs is crucial!



Support innovative companies in each stage of their development

What for ?

Enable companies, research center and labs. in the photonic, ICT, AI and industry 4.0 to pool their research and development as well as necessary investments to conduct proof of concept, tests for the implementation of developed industrial tools

How ?

- ⇒ R&D&I collaborative H2020 projects
- ⇒ Promote cross-pollination of cross-cutting technologies by providing industry players with innovations in photonics, micro and nanoelectronics, IA, robotization and automation
- ⇒ Organize and participate to information and matchmaking event,
- ⇒ Deeply rooted and supported by Nouvelle Aquitaine but with an European and international ambition for our members



THE WAVES OF INNOVATION

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