

Stepping into Agora:

From Shared Infrastructures to Shared Power: How European Alliances Can Boost Europe's Competitiveness

Universitat Politècnica de Catalunya - Barcelona
Tech (UPC)RR, Castelldefels, Barcelona, Spain

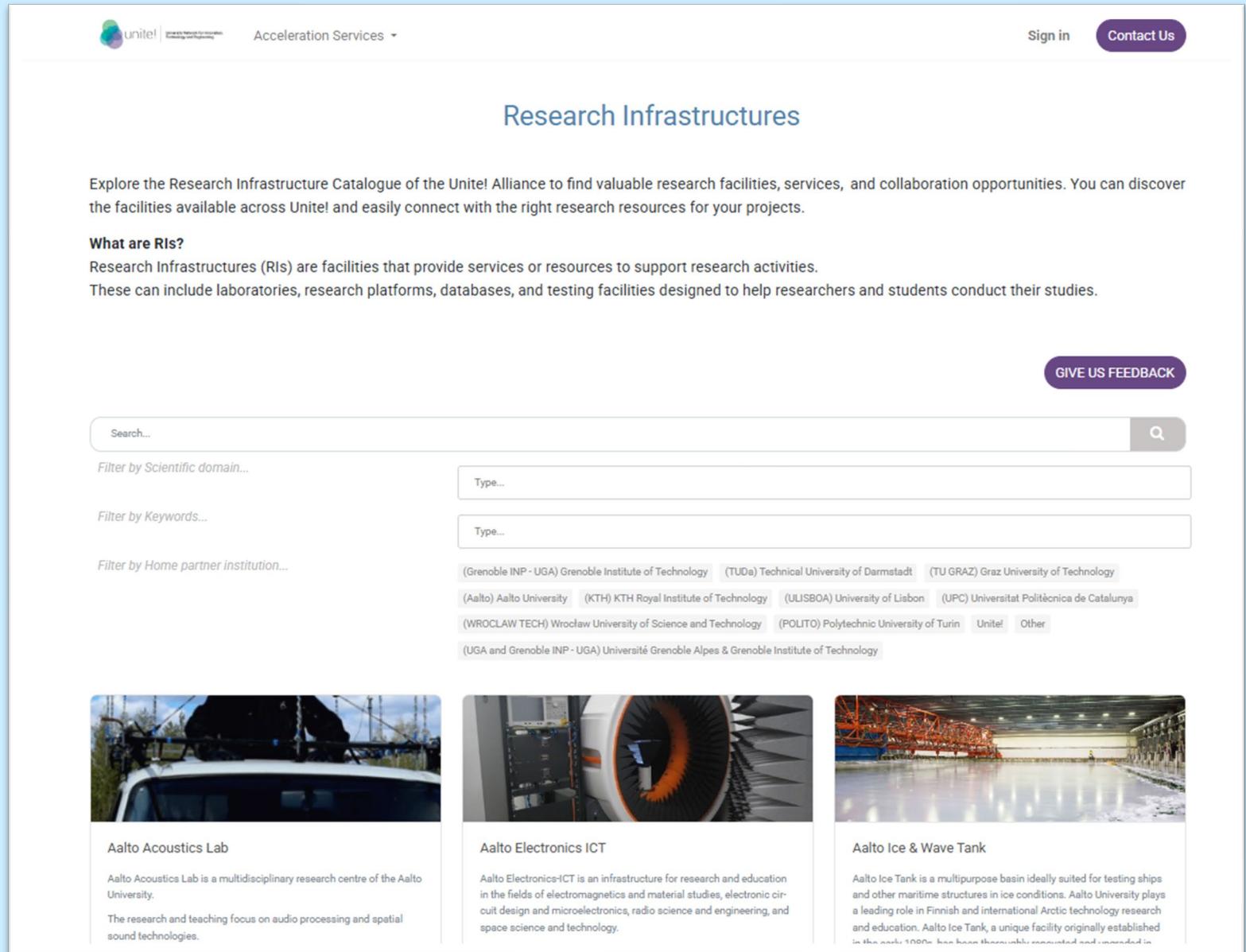


UNIVERSITAT POLITÈCNICA
DE CATALUNYA
BARCELONATECH

>50 %

Of the research infrastructure investments in Europe are still decided and managed in isolation

Europe's research ecosystem is one of the largest in the world, but we don't operate at our **full potential**



Explore the Research Infrastructure Catalogue of the Unite! Alliance to find valuable research facilities, services, and collaboration opportunities. You can discover the facilities available across Unite! and easily connect with the right research resources for your projects.

What are RIs?
Research Infrastructures (RIs) are facilities that provide services or resources to support research activities. These can include laboratories, research platforms, databases, and testing facilities designed to help researchers and students conduct their studies.

GIVE US FEEDBACK

Search...

Filter by Scientific domain...

Filter by Keywords...

Filter by Home partner institution...

(Grenoble INP - UGA) Grenoble Institute of Technology (TUDa) Technical University of Darmstadt (TU GRAZ) Graz University of Technology
(Aalto) Aalto University (KTH) KTH Royal Institute of Technology (ULISBOA) University of Lisbon (UPC) Universitat Politècnica de Catalunya
(WROCLAW TECH) Wroclaw University of Science and Technology (POLITO) Polytechnic University of Turin Unite! Other
(UGA and Grenoble INP - UGA) Université Grenoble Alpes & Grenoble Institute of Technology

Aalto Acoustics Lab
Aalto Acoustics Lab is a multidisciplinary research centre of the Aalto University. The research and teaching focus on audio processing and spatial sound technologies.

Aalto Electronics ICT
Aalto Electronics-ICT is an infrastructure for research and education in the fields of electromagnetics and material studies, electronic circuit design and microelectronics, radio science and engineering, and space science and technology.

Aalto Ice & Wave Tank
Aalto Ice Tank is a multipurpose basin ideally suited for testing ships and other maritime structures in ice conditions. Aalto University plays a leading role in Finnish and international Arctic technology research and education. Aalto Ice Tank, a unique facility originally established in the early 1990s has been thoroughly renovated and expanded in

1 Agora Unite!

Coordinator at UPC for our Shared Infrastructure Work group.

2 Common principles

Common Research Infrastructure definition, Shared information, filtering process, organized research areas.

3 One step further

Common legal agreement for access, promote a common pricing strategy, APIs synchronized content with UPC SCT website to ensure content is up to date and relevant

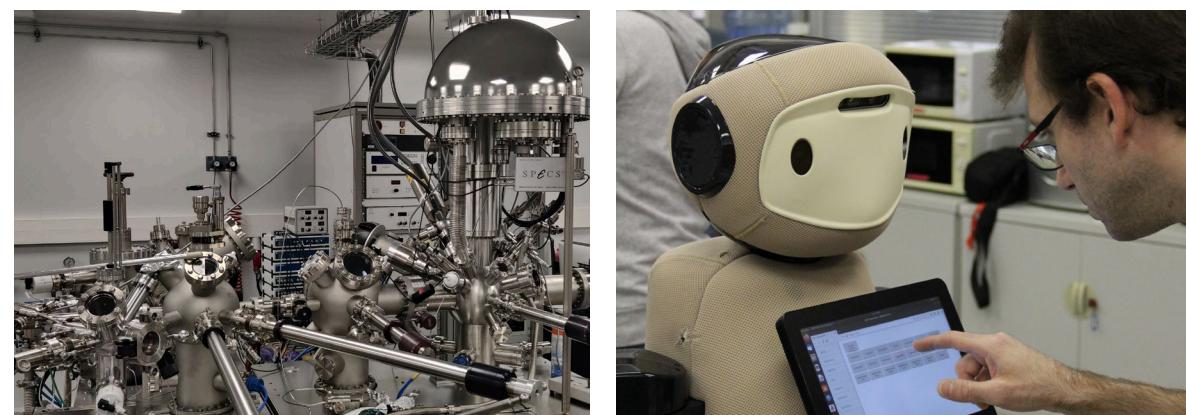
4 Future improvements

Transnational access, Digitalized legal agreement workflow, being part of a bigger catalogue with other university alliances, create a interuniversity EOSC node for all the shared research infrastructure.

Agora – Scaling the logic

In the next decade, Europe's competitiveness will depend not on how many infrastructures we build, but on whether we can act as one system

- All alliances need digital tools showcase their catalogues.
- Going one step further with management tools can simplify the process for many.
- Using the ForEU4ALL platform is useful to align and share resources between Alliances.
 - Pilot testing of a shared multiple platform between alliances
 - Increase coordination = better position to compete globally
 - Shared promotion resources
- Attract new financial support through competitive funding or new lines of private funding



Laboratories at Universitat Politècnica Catalunya.
Hydrogen lab, Center for Research in multiscale
science and Engineering and IRI Robotics Lab.



Thank you

Universitat Politècnica de Catalunya – BARCELONA TECH
Research and Development Area
Research Infrastructure and technical services



UNIVERSITAT POLITÈCNICA
DE CATALUNYA
BARCELONATECH



Funded by
the European Union