



**THE IBERCIVIS
FOUNDATION
PROJECTS
AND SERVICES
CATALOGUE
2021**

**Citizen science projects
Digital development
Citizenship engagement
Open science
Communication**

THE IBERCIVIS FOUNDATION

IBERCIVIS is the national private non-for-profit foundation devoted to citizen science in Spain.

We deploy, support and promote the general public engagement in science with research and educational purposes. We play a central role in the Citizen Science Community at local, national and international level.

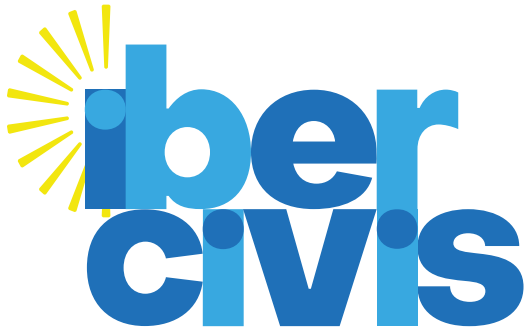
What We Are

IBERCIVIS board is formed by the Ministry of Innovation and Competitiveness of Spain, the regional Government of Aragon, CSIC, CIEMAT, University of Zaragoza and the Zaragoza City of Knowledge Foundation.

IBERCIVIS was legally established in 2012 but the consortium has been working closely since 2007 both in Spain and Portugal. Since then, **we have deployed more than 70 experiments from 40 different research groups reaching over 70.000 citizen scientists.** Our sets of experiments include **volunteer computing, volunteer sensing, participatory experiments, or collective intelligence projects among others.**

We are the spanish institution that promotes citizen science, and we run the **Observatory of Citizen Science in Spain** (www.ciencia-ciudadana.es) We are part of the steering committee of the **European Citizen Science Association**, linking it with **responsible research and innovation**, working on the adaptation of the RRI-Tools self reflection tool for the citizen science communities and #CitSciChatES among other activities.

Since 2012 we coordinate the european project **Socientize** (www.socientize.eu) which delivered the **White Paper on Citizen Science for Europe**, referenced as a flagship document for citizen science policy making. **IBERCIVIS** and Socientize have been referenced as best practices by several institutions and initiatives, highlighting the **European Commission, the Australian Citizen Science Association, RRI-Tools, RRI-ICT, Ars Electronica or Cotec Foundation**, among others.



SIX WAYS TO WORK TOGETHER

The Ibercivis Foundation's experience in citizen science projects has served to specialize in all areas of their development, and it has a team of specialists capable of devising, planning, developing and collecting the results of any type of project that involves the science and citizenship.

ibercivis CitizenScience Experiments

Ibercivis has deployed more than 70 hands-on citizen science experiments from 45 different research groups reaching over 70,000 citizen scientists

ibercivis OpenScience Laboratories

Ibercivis coordinates the CESAR Laboratories in Zaragoza (Spain). A set of 7 open laboratories (Fablab, Wetlab, Sound, Robotic, Electronic, Visualization and Video) where citizen participation is encouraged.

ibercivis CitizenScience Engagement

Our set of citizen science experiments includes volunteer sensing, volunteer computing, participatory experiments, collective intelligence, among others.

ibercivis Citizenship Science&Arts

Through our open labs and experiments we have created a vast community that explores the relationships between Science and arts.

ibercivis Digital Development

We develop and deploy online platforms and mobile apps for citizen science support. We work with technologies that allow voluntary distributed computing, task analysis by citizens and upload of geolocalized data.

ibercivis Communication Dissemination

We engage communities around citizen science projects by creating specific communication plans, identifying audiences and key messages, and designing their visual identities.



CITIZEN SCIENCE EXPERIMENTS

Ibercivis has deployed **more than 70 hands-on citizen science experiments** from 45 different research groups reaching over 70.000 citizen scientists.

Our set of experiments includes volunteer sensing (e.g. odour nuisances reports: [OdourCollect](#)), volunteer computing (e.g. simulation of nuclear fusion devices yielding on average 14 million hours/year), participatory experiments (e.g. human behaviour in dilemma), collective intelligence (e.g. collective musico composition) among others.

DIGITAL DEVELOPMENT

Ibercivis has experience in development and deployment of platforms that support citizen science. We work with technology that allows voluntary computing (BOINC), task analysis by citizens (PyBossa), upload of geolocalized data (ushahidi), etc.

Moreover, Ibercivis develop technology such as the European Platform for CITizen Science (together with ECSA), based on django (<https://eu-citizen.science> and https://github.com/Ibercivis/EU-CS_platform) and CitMApp an app which allows to create your own citizen science project, among others.

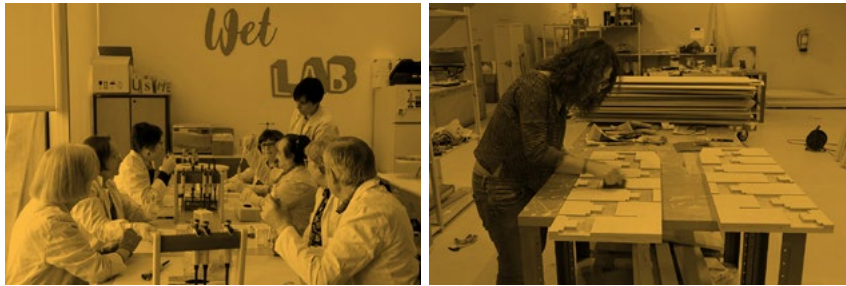


Mobile App CitMApp / eu-citizen. science european portal / Boinc distributed computing platform.

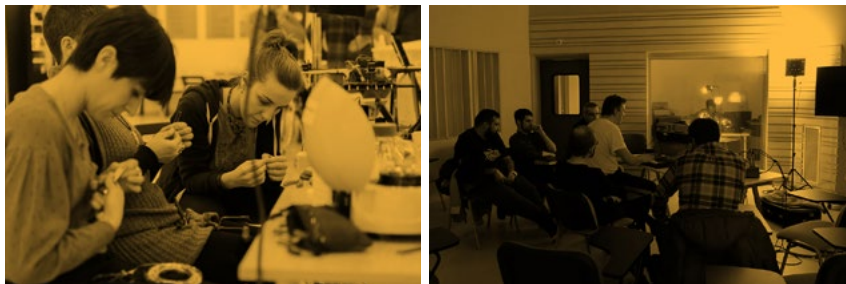
OPEN SCIENCE LABORATORIES

We coordinate the Cesar Laboratories in Zaragoza. A set of 7 open laboratories (Fablab, Wetlab, Sound, Robotic, Electronic, Visualization and Video) In which citizen participation is encouraged.

These laboratories become the link between the scientific, maker, artistic and innovative community of Zaragoza. About 10,000 citizens participate annually in these facilities. More than 50 different projects led by both the scientific community and citizens have been developed in these laboratories.



Citizen scientists in the CESAR Laboratories: Wet Lab , Fab Lab and Sound Lab.



Citizen science and Astronomy meeting. Cuenca (Spain) 2018.

CITIZEN SCIENCE ENGAGEMENT

Ibercivis, together with FECYT, has established a framework to promote citizen science in Spain. This was materialized in a collaboration agreement in which regular meetings are held with the whole Spanish citizen science community, establishing working groups in common tasks. Ibercivis also runs the Citizen Science Observatory in Spain, a project in which the state of citizen science at national level is analyzed, looking for ways of cooperation with other similar national initiatives.



VisionarIAs exhibition - Art and artificial intelligence (2021).

COMMUNICATION DISSEMINATION

Ibercivis engages communities around citizen science projects by creating specific communication plans, identifying the key messages and delivering them to their audiences.

We also work and design the visual identities of our projects and for the projects that come to us with ideas to develop together.

Experience and flexibility allow us shape messages to have the widest reach.

CITIZENSHIP SCIENCE&ARTS

The CESAR open laboratories are also used by artistic communities from all over the world to establish links between art, science, technology and citizenship.

Periodic calls are launched to give artists (new and experienced) the opportunity to explore these paths of work. The laboratories have a residency that allows researchers, artists and makers to stay free of charge.

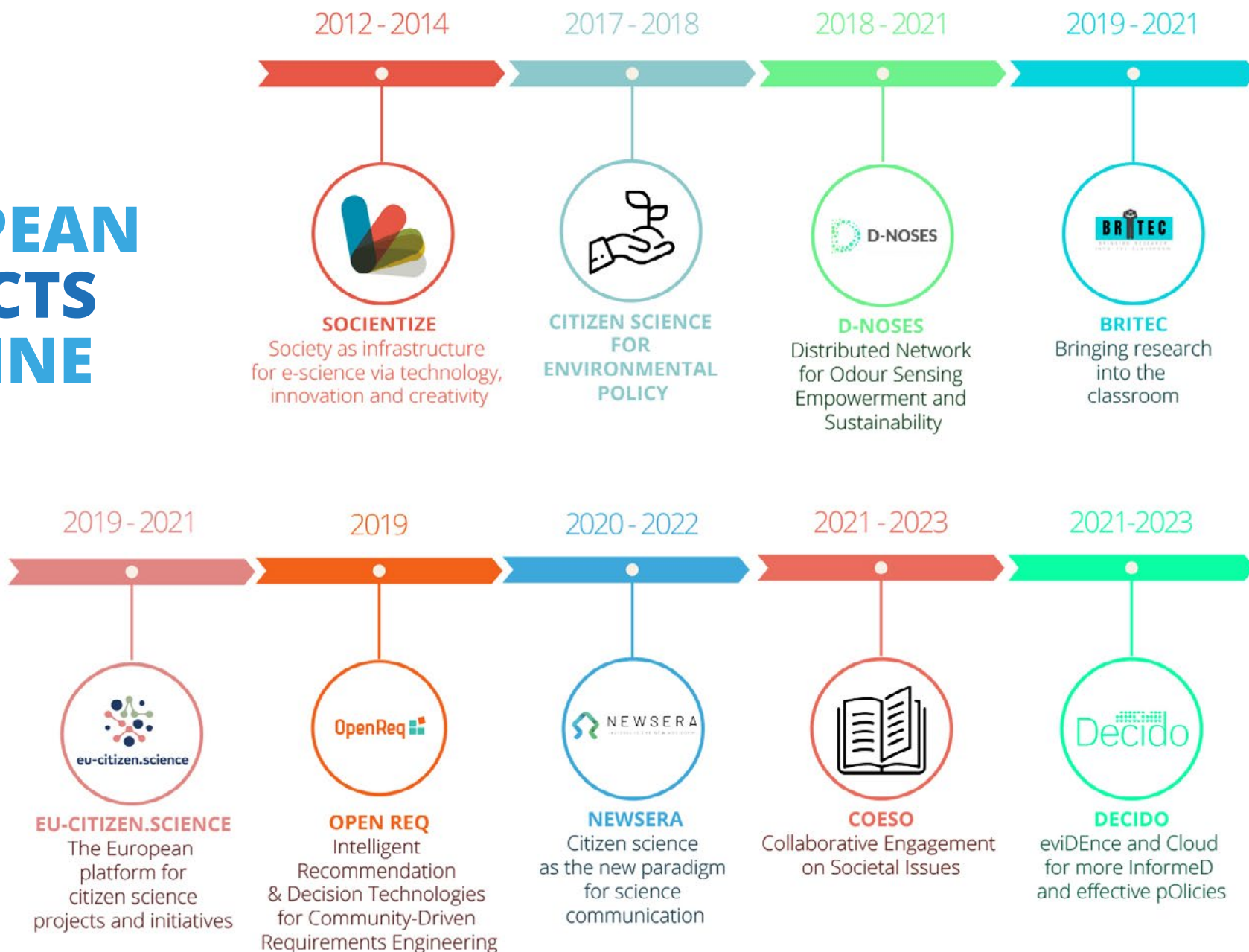


48Cubes (Pleyaleds) - Opening event (2020).



EUROPEAN PROJECTS TIMELINE

Our projects and Portfolio



OUR PROJECTS WEBSITES

Ibercivis web
ibercivis.es

Spanish Observatory of Citizen Science
ciencia-ciudadana.es

Eu-citizen.science platform
eu-citizen.science

Pájaros en la Nube (citizen science project in Spain)
pajarosenlanube.ibercivis.es

Desafío Bajozero (citizen science project in Spain)
desafiobajozero.com

Make It Special (citizen science project in Spain)
makeitspecial.com

Vigilantes del Aire (citizen science project in Spain)
vigilantesdelaire.ibercivis.es

Our projects and Portfolio

VISUSUAL IDENTITY LOGOS





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