

Paris, 23rd January 2017

Launch of the atmospheric simulation chambers research infrastructure EUROCHAMP-2020: looking beyond 2020

Last week more than fifty European scientists - among which physicists, atmospheric chemists and biologists originating from more than 10 countries - met in Paris for the kick-off meeting of the EUROCHAMP-2020 research infrastructure, which gathers the most advanced atmospheric simulation chambers in Europe.

These tools are developed for elucidating processes that occur in the atmosphere. They lay the foundations for air quality and climate models and also aid interpretation of field measurements.

The European Union has decided to invest ca. 9 million euros in the framework of the INFRAIA call to further integrate this community into a world-class infrastructure for research and innovation.

The three day meeting has allowed the partners from 23 research institutes to discuss the implementation of the project.

Developing innovative protocols for air pollution and climate studies, harmonizing good practises and improving platforms interoperability... are among the goals of this initiative but above all, EUROCHAMP-2020 aims at opening its platforms and datasets to a wide range of users. Trans-national access is now extended to sixteen different chambers and four calibration centres. An upgraded data centre to be launched by July will provide access to a huge database of experimental chamber data, advanced analytical resources and high level products.

Within a dedicated session, the consortium has also planned the cooperation with private sector companies to exploit the innovation potential of the infrastructure by supporting the development of scientific instruments, sensor technologies or de-polluting materials.

Finally, the strategy for the establishment of cooperative links with other environmental research infrastructures to promote the sustainability of the simulation chamber facilities within the European Research Area has been discussed.

Contact: Pr. Jean-Francois Doussin (eurochamp2020@lisa.u-pec.fr)

More info: <http://www.eurochamp.org> ; <https://twitter.com/EUROCHAMP2020>

