

PRESS RELEASE

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ICOS ERIC ESTABLISHMENT - A STRONG EU MESSAGE TOWARDS COP21 IN PARIS

The European Commission has officially established the Integrated Carbon Observation System (ICOS ERIC), a new pan-European environmental research infrastructure, which aims to provide long-term carbon and greenhouse gas observations across the Europe. The ICOS ERIC has been established with eight founding members: Belgium, France, Germany, Italy, Netherlands, Norway, Sweden and Finland, which is the ICOS ERIC hosting country, as well as Switzerland which currently has an observer country status. The ICOS ERIC is the 12th European Research Infrastructure Consortium that has been established since August 2009 when ERIC legal framework was provided. The ICOS RI has successfully completed almost a decade long process from entering the European Commission ESFRI Roadmap to establishment of the ICOS ERIC.

Commenting on the importance of the ICOS ERIC establishment Director General for Research and Innovation at the European Commission, Robert-Jan Smits has said: “By facilitating long-term pan-European carbon and greenhouse gas observations, the European ICOS Research Infrastructure will provide invaluable knowledge to support the European and global efforts of reaching safe climate change mitigation goals. It is therefore excellent news that ICOS has been allocated the status of ERIC. The timing for this is perfect, just before the UN COP21 in Paris, which is yet another clear message from the EU about its commitment to the climate targets.”

The ICOS ERIC inauguration will be held in Brussels on Tuesday 24th November when Robert-Jan Smits will hand out the official plate to the Finnish Minister of Education and Culture Sanni Grahn-Laasonen and ICOS Director General Werner Kutsch in the presence of the hosting country delegation.

BACKGROUND

About ICOS RI

ICOS is a distributed research infrastructure that provides harmonised European-wide measurements on carbon cycle, on greenhouse gas emissions and on atmospheric concentrations of greenhouse gases. The ICOS RI integrates atmosphere, ecosystem and ocean greenhouse gas monitoring networks in order to provide the observational basis for a full European carbon balance and its trends. Standardized measurements are carried out throughout Europe - at tall atmospheric towers and ecosystem sites from the Arctic to the Mediterranean, as well as on ocean platforms and vessels covering the North Atlantic, the Mediterranean Sea and the Baltic Sea.

Each network is coordinated by its Thematic Centre responsible for data integration and processing, centralized quality control, network training and data transmission. ATC - Atmosphere Thematic Centre is based in France and Finland, ETC - Ecosystem Thematic Centre is based in Italy, Belgium and France and OTC - Ocean Thematic Centre is based in Norway.

The CAL – ICOS Central Analytical Laboratories are based in Germany and provide accurate reference gases to the networks and perform high precision analyses of air samples.

The ICOS RI's main operational Head Office is based in Helsinki, Finland whilst its central data portal, called Carbon Portal, is based in Sweden and will make all ICOS data freely available and produce higher-integrated knowledge products.

What are research infrastructures?

Research infrastructures are facilities, resources and related services used by the scientific community to conduct top-level research in their respective fields, ranging from nanotechnologies and genomics to astronomy and environment. Their development has been coordinated through the European Strategic Forum on Research Infrastructures (ESFRI) since 2004. ESFRI is a strategic instrument to develop the scientific integration of Europe and to strengthen its international outreach.

What is ERIC?

ERIC stands for European Research Infrastructure Consortium. It is a European legal instrument that was adopted by the Council of the EU in 2009 to facilitate the establishment and operation of European Research Infrastructures on a non-economic basis. ERIC endows research infrastructures with a legal personality recognised in all Member States. ICOS ERIC is the 12th European Research Infrastructure Consortium that has been established since August 2009.

About ICOS-CH

ICOS Switzerland is the Swiss contribution to this European research infrastructure, with measurements being carried out at Jungfraujoch (atmospheric station) run by the International Foundation High Altitude Research Stations Jungfraujoch and Gornergrat (HFSJG), and at Davos-Seehornwald (ecosystem station), which is also one of the long-term forest monitoring stations in Switzerland and part of the National Air Pollution Monitoring Network (NABEL). Several research institutes collaborate in ICOS-CH: ETH Zurich, the Swiss Federal Laboratories for Materials Science and Technology (empa), the Swiss Federal Institute for Forest, Snow and Landscape



Research (WSL), the Federal Office of Meteorology and Climatology (MeteoSwiss), the University of Bern and the University of Basel.

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