

# The ERICs in Horizon Europe

*A successful case*



[www.eric-forum.eu](http://www.eric-forum.eu)



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# On the ERICs and the ERIC Forum

The European Research Infrastructure Consortium (ERIC) is a specific legal form that facilitates the establishment and operation of Research Infrastructures with European interest.

## The ERIC model

It provides a legal capacity recognised in all EU Member States, a faster process to create an international organisation, and exemptions from VAT and excise duty. This makes the ERIC model a fundamental tool for the establishment and operation of common research infrastructures.

## The ERIC Forum

The ERIC Forum strategically contributes to the development of ERIC related policies by sharing best practices, tackling common challenges, fostering visibility, impact and sustainability of ERICs and contributing to the European science policies and research context.

With 32 ERICs established, the ERIC Forum has become one of the leading voices in European science policy.

## ADVANTAGES OF BEING AN ERIC



A legal capacity recognized in all EU Member States



Flexibility to adapt to specific requirements of each infrastructure



A faster process than creating an international organisation



Exemptions from VAT and excise duty

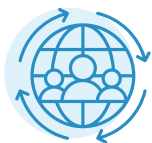
# Advantages for Research

ERICs provide the European research community with access to high-quality data and cutting-edge technologies to support scientific excellence and respond to global challenges.

Moreover, they support mobility of researchers and knowledge across the ERA, promote collaboration between countries and favour a European coordination of national infrastructure capacities and capabilities.

*More in details*

## ACCESS TO RIs



- Provide access to state-of-the-art research facilities and services for researchers from Europe and beyond, including universities, industries, SMEs, and incubators.
- Experts provide technical and scientific support to users accessing the RIs.
- ERICs offer predefined access processes, ensuring efficient and transparent use of resources.
- Researchers can access facilities either through funded projects (free access) or with their own funds (subject to capacity).

## DEVELOPMENT & SERVICES



- Potential upscaling of research from TRL1 to higher TRLs (e.g. TRL7,8,9) in several research infrastructures facilities.
- Direct contribution to technological development.
- Promote the mobility of researchers and knowledge across the European Research Area, fostering international collaboration.

## ICOS ERIC

<https://www.icos-cp.eu/>

ICOS, Integrated Carbon Observation System, produces high quality, standardised and open data from 180 measurement stations across 16 European countries. ICOS stations measure greenhouse gas exchanges between the atmosphere, land surface and oceans and their concentration in the air.

### SERVICES

**Greenhouse gas data and data products.** ICOS provides observational greenhouse gas data and elaborated products across three domains – atmosphere, ecosystem and ocean. The ICOS Data Portal offers services for visualisation, analysis and management of data, as well as support for cooperation.

**Analytics and synthesis for the scientific community.** ICOS is the main European provider to the globally used Observation Package (ObsPack), CarbonTracker and GLOBALVIEWplus products used by the global climate modelling community. ICOS is a key European contributor to the greenhouse gas observations of the Integrated Global Greenhouse Gas Information System (IG3IS) of the World Meteorological Organization (WMO).

**Knowledge for decision-making.** ICOS high quality greenhouse gas data are used by scientists and by various governmental bodies and international organisations to support their decision-making and efforts to mitigate the consequences of climate change.

## HORIZON EUROPE - FUNDING

### Pillar I



### Pillar II



### Pillar III



## **IRISCC – A SUCCESSFUL CASE**

<https://www.iriscc.eu/>

The project aims to provide scientific and knowledge services to improve Europe's resilience to climate change by offering a Catalogue of services and a related access management system, with a focus on scientific research and evidence-based policymaking, while ensuring open and accessible data in compliance with FAIR principles. ICOS ERIC contributes to the project by providing high-quality observational data and establishing a Service Design Lab focused on carbon sequestration in collaboration with the Finnish Meteorological Institute (FMI) and the Baltic Sea Action Group (BSAG).

### **GENERAL INFORMATION**

Acronym INTEGRATED RESEARCH INFRASTRUCTURE SERVICES  
FOR CLIMATE CHANGE RISKS (IRISCC)

Grant Agreement Number 101131261

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Ending date 30/09/2028

### **PROJECT PARTNERSHIP**

The project, coordinated by Luke – Natural Resources Institute Finland – consists of The IRISCC Consortium includes 79 partners from 22 European countries representing 14 Research Infrastructures. Full list of partners is available at: <https://www.iriscc.eu/partners>