

## 2nd ICOS Newsletter

19.03.2024

### Welcome

Welcome to the ICOS project, we are really proud of sharing with you our second Newsletter. In this second edition of the Newsletter, we focus on the 1st Open Call where we tried to find consortia to partner for the project and can develop a use case within a specific sector through ICOS technology.

Stay tuned to our website, <https://www.icos-project.eu/>, LinkedIn<sup>1</sup> @EU Project ICOS and Twitter/X<sup>2</sup> @icos-project for periodic releases of the ICOS Newsletter and our blog posts throughout the life of the project, intended to disseminate key project results and achievements.

### Objective of ICOS 1st Open call

The main objective of the project ICOS is to design, develop and validate a meta operating system for a continuum, by addressing the challenges of: i) devices volatility and heterogeneity, continuum infrastructure virtualization and diverse network connectivity; ii) optimized and scalable service execution and performance, as well as resources consumptions, including power consumption; iii) guaranteed trust, security and privacy, and; iv) reduction of integration costs and effective mitigation of cloud provider lock-in effects, in a data-driven system built upon the principles of openness, adaptability, data sharing and a future edge market scenario for services and data. In order to achieve its goals ICOS project is looking for:

1. Solutions development projects (1st Open Call): consortia of 2 organizations (SME/midcap; technology provider, and an end-user to validate the developed project) to partner for the project and develop a use case within a specific sector, through ICOS technology.

2. ICOS uptake projects (2nd Open Call) : technology providers (mainly SME/midcap) working as service providers in the sectors of the ICOS pilot use cases and the projects from the 1st Open Call (submissions in 2024).

They will test their applications and services through the ICOS infrastructure to improve them. The ICOS pilot use cases play an important role in the project: they will provide functional and non-functional requirements for the ICOS System and they will be early adopters of the system providing essential feedback on how to improve it. At the same time, the adoption of ICOS will enhance the pilot cases with unique application deployment and runtime management features implemented by ICOS.

### Evaluation Public Summary Report of ICOS 1st Open Call

#### Call information

Project ICOS, co-funded by the European Union's Horizon Europe research and innovation programme under grant agreement No 101070177, launched its 1st open call for recipients of financial support.

The call closed on 17th November 2023. The call was published on project ICOS's website<sup>3</sup> and on the Horizon Europe Participants Portal<sup>4</sup> Full call details were published at: <https://icos.fundingbox.com/> The following channels were also used to promote the call:

[https://twitter.com/icos\\_project](https://twitter.com/icos_project)

<https://www.linkedin.com/company/icos-project/>

<sup>3</sup><https://www.icos-project.eu/>

<sup>4</sup><https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/competitive-calls-cs/3761?keywords=icos&closed=true&programmePart=&pageNumber=3>

<sup>1</sup><https://www.linkedin.com/company/icos-project/>

<sup>2</sup>[https://twitter.com/icos\\_project](https://twitter.com/icos_project)

