



# IDEALIST NCP PROJECT

Contract n° 101070043

## IDEAL-IST BRIEFING #28

### JUNE 2024

Horizon Europe is complex. The Idealist project helps NCPs navigate their way through these complexities. The Briefings are a part of Ideal-IST Work Package 2: Outreach, with the cooperation of many NCPs.

Briefings are sent periodically to all Digital NCPs and will contain information we think relevant for you and your customers in Horizon Europe. Questions, requests or suggestions, experiences, feedback and news are always welcome - feel free to contact us at [NCP-Digital@iuk.ukri.org](mailto:NCP-Digital@iuk.ukri.org)

*NOTE: We cannot guarantee that this information is 100% accurate. We receive information from reliable sources, we take good notes, but you never know....*

#### **Chips JU Competence Centres - Information Session**

**Date, location:** 17 July 2024 10:00 - 11:00 | Online

The Chips Joint Undertaking is organizing two calls on Competence Centres in semiconductors. They will provide access to technical expertise and experimentation in the area of semiconductors, helping companies, especially SMEs, to enhance design capabilities and develop skills. They will be the first entry point for users (mainly SMEs and startups) and will guide them in accessing other infrastructures set up by the Chips JU under the Initiative, such as the design platform and the pilot lines. (1) DIGITAL-Chips-2024-SG-CCC-1: Competence Centres will select the Competence Centres that have been designated/pre-selected by different Member States at the national level. (2) DIGITAL-Chips-2024-CSA-CCC-2: Support to the European Network of Chips Competence Centres through a Coordination and Support Action.

**Further information:** [Chips JU Competence Centres - Information Session](#)

#### **10th FIWARE Global Summit: Connecting Minds, Driving Smart Solutions**

**Date, location:** 18-19 September 2024 | Naples, Italy

FIWARE is a curated framework of Open Source Platform components to accelerate the development of Smart Solutions. It addresses cutting-edge technologies, including Artificial Intelligence, Data, the IoT-edge-cloud continuum, digital twins, cybersecurity, and robotics, as well as a variety of application areas (eg. Agrifood, energy, smart cities and communities, industry, mobility). This year's summit tracks are organised along advancing innovation with FIWARE, developing a collaborative business strategy, and enabling co-creation for innovative tech solutions.

**Further information:** [FIWARE Global Summit](#)

## **QuantERA Strategic Conference 2024**

**Date, location:** 24-25 September 2024 | Amsterdam, Netherlands

The event aims to explore significant topics within the realm of quantum technologies, in alignment with QuantERA's mission to foster innovative research and uphold scientific excellence. Discussions will centre on key topics including the commercialisation of quantum technologies, the ethical considerations and societal impacts of quantum advancements, and the essential role of women researchers in advancing the field. The Conference will be hosted by Quantum Delta NL (QDNL)..

**Further information:** [QuantERA strategic conference](#)

## **Workshop on interoperability in data spaces**

**Date, location:** 1 October 2024 | Budapest, Hungary

The workshop focuses on different approaches of semantic interoperability inside and between data spaces (e.g. ontologies and controlled vocabularies, SHACL shapes, JSON schemas, etc...), and addresses concrete methods of semantic interoperability in specific domains. It will take place back2back with the [European Big Data Value Forum 2024 \(EBDVF2024\)](#) and the [AI & AUT Expo](#) Presidency event.

**Further information:** [Workshop on interoperability in data spaces](#)

## **AI & AUT Expo 2024 – EU Presidency event**

**Date, location:** 1-2 October 2024 | Budapest, Hungary

The AI & AUT Expo features local, regional and European industry, technology, research and innovation in AI and Autonomous Systems. This two-day event with plenary presentations by senior policy makers, industry and research leaders from Hungary and Europe. It addresses autonomous systems and Robotics, HPC, data sharing, large language models, and foundation models, various domains as AI and industry, health, agri-food, civil engineering, energy, as well as cross-cutting issues as AI regulation and Ethics. It is taking place back-to-back with the [European Big Data Value Forum 2024 \(EBDVF2024\)](#), the flagship event of the European Big Data Value and Data-Driven AI Research and Innovation community.

**Further information:** [AI & AUT Expo](#)

## **European Big Data Value Forum (EBDVF) 2024 – Early bird registration, sponsor opportunities open: speakers, exhibitors, workshops, communication ambassadors wanted!**

**Date, location:** 2-4 October 2024 | Budapest, Hungary

The European Big Data Value Forum (EBDVF) brings together industry professionals, business developers, researchers and policy-makers from all over Europe and other regions of the world to advance policy actions and industrial and research activities in the areas of Data and AI. Its tracks will include Generative AI and Foundation models (including synthetic data and European language data) AI Act implementation, value creation in data spaces, virtual worlds, convergence of HPC- Big Data / AI, quantum technologies, technology platforms, as well as sectoral sessions on automotive, healthcare and pharma, public services, manufacturing, energy, agri-food.

**Further information:** [European Big Data Value Forum \(EBDVF\) 2024](#)

## **5G Techritory Forum**

**Date, location:** 30-31 October 2024 | Riga, Latvia

The 5G Techritory platform is an initiative to bring together the key players in 5G development with the goal of developing a robust and aligned 5G Ecosystem in Europe and beyond. This year's main theme is „Technology Enabling Tomorrow's Territory, and the topics on the table include: digital twins enabling future metacities, public & private partnership in cybersecurity, 6G research and development, open RAN deployment, defence connectivity.

**Further information:** [5G Techritory](#)

**If you have ideas for Ideal-ist workshops at the events above, please let the WP4 team know!**

## NGI cascading calls

- [NGI Zero Core](#) is an open call to upgrade the open internet architecture with building blocks in which reliability, confidentiality, integrity, security, and resource efficiency are the norm. (funding up to: 5-50.000 €, deadline: 1<sup>st</sup> of October 2024).
- [NGI Zero Commons](#) supports R&D on technology commons that improve openness, trustworthiness, resilience and user autonomy, and make these available as free/libre/opensource software and hardware (funding up to: 5-50.000 €, deadline: 1<sup>st</sup> of October 2024).
- [NGI Taler](#) supports the development of technology commons that empower users, and establish a new generation of privacy-friendly digital payments systems (funding up to: 5-50.000 €, deadline: 1<sup>st</sup> October 2024).
- [NGI Mobifree](#) supports solutions for an open mobile ecosystem (funding up to: 5-50.000 €, deadline: 1<sup>st</sup> October 2024).
- [NGI Fediversity](#) aims to bring easy-to-use, hosted cloud services with service portability and personal freedom at their core to everyone. (funding up to: 5-50.000 €, deadline: 1<sup>st</sup> October 2024).
- [NGI Sargasso](#) aims to create a unique collaborative ecosystem to harvest EU-US or EU-Canada technology breakthroughs that aim to revolutionize the Next Generation Internet technologies, services and standards, and contribute to the evolution of the Internet according to a human-centric approach of the internet commons (funding: up to 100.000, deadline: 1<sup>st</sup> August 2024)
- [NGI Sargasso](#) is looking for external evaluators to review the proposals. The project will gather a set of recognised experts in the topics to be covered by the NGI Sargasso Open Calls which will include the priority areas of the Next Generation Internet: trust, data sovereignty, digital identity, internet architecture land renovation, decentralized technology, interoperability and standardization, and new internet commons. (40 per evaluation, 25 per interview, deadline 19<sup>th</sup> June)
- [NGI Search](#) supports innovative solutions that change the way we use and experience, search and discover data and resources on the internet and web (funding up to: 150.000 €, deadline 29<sup>th</sup> July).
- [NGI Trustchain](#) with the topic “Multi chains support for NGI protocols” supports developers to design and build the gateways that will make it possible to transfer knowledge/ metadata/ data/ process/ requirements from one chain to another in a trustworthy and secure manner. (deadline 17<sup>th</sup> July 2024)
- In addition, [NGI Review](#) offers free services to NGI grantees – e.g. support/good practices with accessibility, diversity and inclusion management, community building and mentoring, copyright and license due diligence, internationalization, translation and localization, packaging, security audit, standardization) (deadline 31<sup>st</sup> of July)

## Other cascading calls

- [DS4SSCC-DE](#) the European Data Space for Smart Communities will open a call on 11 March for pilots for local public administrations other entities working with them (companies, academia, NGOs) addressing green deal sectors and New European Bauhaus domains (funding up to: 1.5 M€, deadline: 31<sup>th</sup> August)
- [Enfield](#) project open call supports R&D activities to develop fundamental research in the areas of Adaptive, Green, Human-Centric, and Trustworthy AI systems (funding: up to 60.000, deadline: 31<sup>st</sup> July 2024).
- [XR2Industry](#) supports Hardware enablers will select up to 7 Developers of XR components (MidCaps or SMEs) aimed at integrating emerging technologies (such as 5G/6G, IoT, data, artificial intelligence, edge and cloud computing, and microelectronics) to enable possibilities of XR experiences. (up to 500.00, deadline 17<sup>th</sup> September)

- [CORTEX2](#) will finance at minimum one single entity (tech Startup/SME/research organisation) and maximum of two entities representing Technology Developer(s): with emphasis on the XR, AR, AI. The inclusion of the 2nd entity must be justified. (deadline 15<sup>th</sup> August)
- [COROB](#) aims to enhance the efficiency and flexibility of arc welding-based manufacturing processes by employing a cooperative multi-robot system powered by Inspection, Monitoring, Control, and AI techniques. (deadline: 8<sup>th</sup> July 2024)
- [XR4ED](#) brings together the EdTech and XR communities to establish a European reference platform on learning and training with XR that will provide a central access point to existing solutions and contribute to a leading position for Europe in cutting-edge technologies for education. (deadline 3<sup>rd</sup> July)
- [StandICT.eu](#) supports contributions to ICT standardization activities (deadline: 23<sup>rd</sup> August 2024).
- [INDUSAC](#) supports short-term research collaborations between academia (students, researchers) and industry in solving company challenges (funding up to: 1.000 € per student/ 3.000 € per team, deadline: see cut-off dates in call)
- [ICOS](#) supports technology providers (SME/midcap) working as service providers in the sectors of the ICOS pilot use cases (<https://www.icos-project.eu/use-cases>) and the projects from the 1st Open Call (up to 60.000 €, deadline 30<sup>th</sup> May 2024)
- [NEMO](#) supports IoT developers to extend the NEMO use cases (<https://meta-os.eu/index.php/pilots/>) and implement innovative IoT apps and services that use heterogeneous IoT and NEMO components to offer new services (up to 90.000 €, deadline 31<sup>st</sup> August 2024)
- [COMMUNITY](#) supports tech companies and providers, organisations, cities and their residents to develop innovative technical solutions to overcome digital, urban and social challenges (upcoming third call will open on the 10<sup>th</sup> of September 2024 and close on the 31<sup>st</sup> October 2024)
- [QU PILOT](#) supports all EU companies in search of experimental production facilities incorporating cutting-edge technologies in quantum computing, communication, and sensing (deadline: 30<sup>th</sup> September)
- [QU TEST](#) supports all EU companies in search of testing & experimentation facilities incorporating cutting-edge technologies in quantum computing, communication, and sensing (deadline 30<sup>th</sup> of September)
- [FFPlus](#) promotes the adoption of High-Performance Computing (HPC) and (generative) Artificial Intelligence (AI) for SMEs and Start-ups across Europe, showing the business benefits and impacts of adopting HPC and AI in real business models. SMEs and Start-ups can submit to two types of the Open Calls: (1) [Business experiments](#) will address the uptake of HPC by SMEs that have had no prior use of HPC services (up to 200.000 € funding). (2) [Innovation studies](#) will support European SMEs and Start-Ups already active in the field of generative AI technology, but lack computational resources to scale up (up to 300.000 € funding). (deadline 4<sup>th</sup> September)

### **(Regular) Open Café Online – Thursday 4<sup>th</sup> July 2024 9-10 (CEST)**

Please feel free to join us at the next Open Café – as usual no fixed agenda, just open discussion between NCPs on topics that matter to you.

- No agenda
- Event is free of charge
- Language: English
- No recording