



September – November 2024



aeros-project.eu

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ISSUE HIGHLIGHTS

The 9th issue of aerOS newsletter presents the project activities during the period June - August 2024. This specific issue focuses on the communication and dissemination activities, 2nd Open Call winners, and the project period activities and the 6th Plenary Meeting.

aerOS trimester activities in numbers:

- Open Call #2 Winners
- 3 Presentations
- Exploring Large-Scale Pilots with O-CEI: Data, Openness, and Success Stories Event
- aerOS at InfoCom 2024
- NEXUS FORUM 2024
- "Towards deployment of Cloud-Edge-IoT solutions across the computing continuum" Event
- Submitted deliverable
- aerOS Technical Meeting
- 6th Plenary meeting



aerOS Open Call #2 Winners

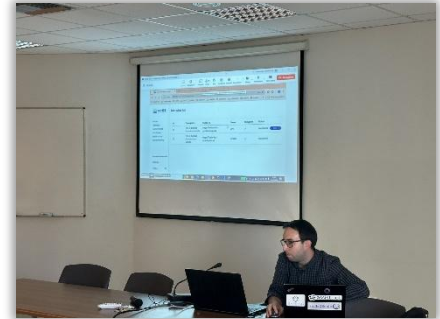
The aerOS Open Call 2 has concluded, and the winners were announced, showcasing innovative projects that align with the aerOS vision of advancing the IoT edge-cloud continuum. These winners will receive funding and support to develop groundbreaking solutions, contributing to the project's ecosystem and its overarching objectives. This initiative underscores aerOS's commitment to fostering innovation and collaboration within the research and development community. For more details, visit here: <https://aeros-project.eu/2024/12/06/aeros-open-call-2-the-winners/>



Communication & Dissemination Activities

Presentations

- During the SAFE-6G plenary meeting on October 3rd, Alejandro Fornés Leal from Universitat Politècnica de València UPV presented the metaOS concept as part of the aerOS project. The demonstration was highly productive, marking the beginning of a promising collaboration.
- The EUCloudEdgeIoT Swarms Workshops held in Brussels on 23 and 24 September 2024, brought together industry leaders, innovators, and policymakers to discuss advancements in IoT, edge computing, and cloud technologies. Participants explored cutting-edge innovations, networked with top experts, and collaborated on shaping Europe's digital future, reinforcing its position at the forefront of technological development. aerOS project was represented by Ignacio Lacalle.
- Ignacio Lacalle from our coordination team presented at the UNLOCK-CEI slot of AIOTI Days 2024, our pilot 1, Siemens scenario



Exploring Large-Scale Pilots with O-CEI: Data, Openness, and Success Stories

Carlos E. Palau Salvador kicked off the event by presenting the O-CEI initiative on 27th of November 2024, a collaboration of 60 partners from 19 countries, including academia, industry, SMEs, and non-profits. Focused on leveraging data for insights, fostering openness and collaboration, and showcasing replicable success stories, the initiative is driving innovation through eight pilots across Europe. These pilots address energy distribution, EV charging, smart city energy systems, autonomous tractors, and agriculture, building on outcomes from prior EU-funded projects. Open calls will invite new pilots to ensure scalability and broad adoption.



aerOS at InfoCom 2024

INFOLYSiS and OTE partners represented aerOS in a dedicated booth at InfoCom 2024 which took place in Athens on 12th of November. InfoCom World is Greece’s largest annual digital technology and telecommunications conference, gathering experts, industry leaders, and innovators to discuss trends in digital transformation, telecommunications, and emerging tech sectors. The event included keynotes, workshops, and networking opportunities, fostering discussions on cutting-edge topics such as 5G, IoT, AI, and sustainability in tech. The conference attracts a diverse audience, including business leaders, policymakers, and tech enthusiasts, aiming to inspire innovation and collaboration in Greece and beyond.



aerOS at NEXUS FORUM 2024

We recently participated in the Nexus Forum 2024 (19 and 20 of September), a pivotal initiative focused on building a European Edge Cloud ecosystem. The forum brought together industry leaders, researchers, and policymakers to collaborate on shaping a future where Edge Computing plays a vital role in Europe's digital transformation. Discussions ranged from theoretical frameworks to actionable strategies, emphasizing cloud-edge synergy, data sovereignty, and innovation at scale. Our involvement has been a valuable opportunity to contribute to Europe's evolving tech landscape. aerOS project was represented by Ignacio Lacalle Úbeda from UPV.



"Towards deployment of Cloud-Edge-IoT solutions across the computing continuum" event

The "Towards Deployment of Cloud-Edge-IoT Solutions Across the Computing Continuum" event took place in Brussels on 22nd of September 2024, bringing together industry experts and key stakeholders to explore the future of IoT, Cloud, and Edge technologies. The sessions featured discussions on large-scale pilots, innovative Meta-OS initiatives, and European strategies for advancing the computing continuum. aerOS was represented by Technical Manager Harilaos Koumaras, alongside the deputy coordinator and impact manager, contributing to the dialogue and sharing the project's vision and progress.



Submitted Deliverable

D5.2 Integration, evaluation plan and KPIs definition (2) [M24] – Will document the three pilots and integrated third parties, addressing the proposed use cases and scenarios. This will be the final version.



All public aerOS deliverables are available for downloading
at aerOS website: <https://aeros-project.eu/dissemination/deliverables/>

aerOS Technical Meeting

The aerOS team had up an engaging and productive technical meeting in Athlone in September, where experts from consortium came together to discuss the status of our project. From in-depth technical sessions to collaborative discussions, the meeting was filled with innovative ideas, strategic planning, and teamwork.



6th aerOS Plenary Meeting

The 6th aerOS Plenary Meeting (13 and 14 September 2024), held in Valencia, brought together project partners and Advisory Board members for two days of productive discussions and updates. The meeting began with administrative details shared by the coordination team, setting the stage for focused sessions on work package progress and task developments. On the second day, the meeting highlighted an Advisory Board session where Dr. Harilaos Koumaras, the Technical Manager, presented the aerOS concept along with the project's achievements to date. Advisory Board members Brian Reagan, Dr. Eusebiou Catana, and Brendan Rowan joined the session, providing valuable insights and feedback on the project's direction. Partners engaged in discussions about the progress of the pilots and outlined the next steps required to achieve project



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Call: WORLD LEADING DATA AND COMPUTING TECHNOLOGIES 2021
Topic: HE-CL4-2021-DATA-01-05
Type of Action: RIA
Duration: 36 Months
Start Date: 1 September 2022