



December 2022 – February 2023



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ISSUE HIGHLIGHTS

The 2nd issue of aerOS newsletter presents the project activities during the period December 2022 – February 2023. This specific issue focuses on the communication and dissemination activities, EUCloudEdgeIoT official launch, the project deliverables (recent and upcoming,) and the 1st Plenary Meeting.

aerOS trimester activities in numbers:

- 1 Publication
- 3 Presentations and Workshops
- 1 aerOS Workshop and Video
- EUCloudEdgeIoT Official Launch
- 2 Period Deliverables
- 2 Upcoming Deliverables
- 1st Plenary Meeting in Rome



Communication & Dissemination Activities

Publication

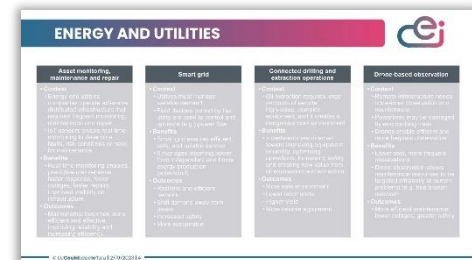
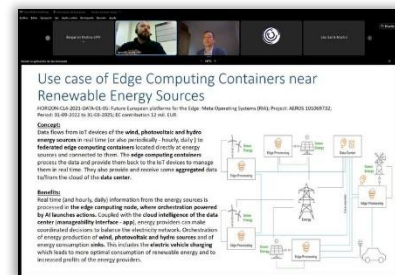
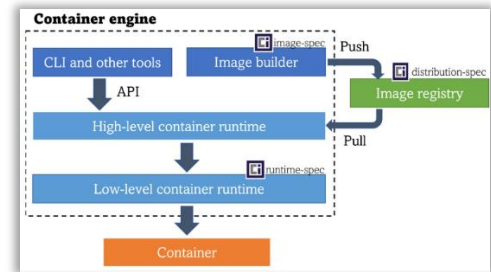
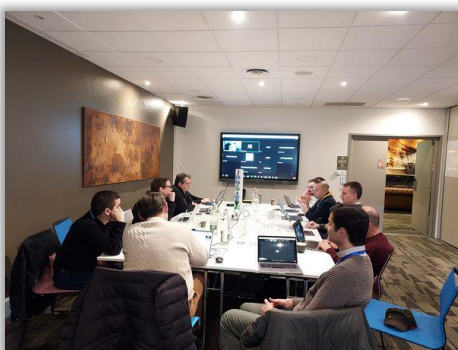
The aerOS journal paper entitled "Cloud-Native Workload Orchestration at the Edge: A Deployment Review and Future Directions", by UPV and SRIPAS partners, has been published! You may find it online at MDPI here: <https://www.mdpi.com/1424-8220/23/4/2215>

Presentations and Workshops

Ignacio Lacalle Úbeda from Universitat Politècnica de València UPV presented the aerOS project during the AIOTI webinar on "IoT, Cloud, Edge Computing Continuum from Research to Deployment", which took place on November 30th, 2022. It was a very successful webinar with almost 100 attendees.

Anastasios Gogos from NCSR "DEMOKRITOS" participated on February 13th at the EUCloudEdgeIoT's - Task Force 5 "Market and Sectors" Workshop. It was an online workshop where all related partners presented fundamental insights about their projects and use cases. At this workshop, our representer, addressed initial aspects of the aerOS "Energy Efficient, Health Safe & Sustainable Smart Buildings" use case.

Ignacio Lacalle Úbeda from Universitat Politècnica de València (UPV) and Vasilis Pitsilis from NCSR "DEMOKRITOS" attended EUCloudEdgeIoT workshop in Toulouse on 18 January 2023! It was the first workshop on the topic: "Future European platforms for the Edge, Define an Open-Source stack". You may learn more about EUCloudEdgeIoT here: <https://eucloudedgeiot.eu/>

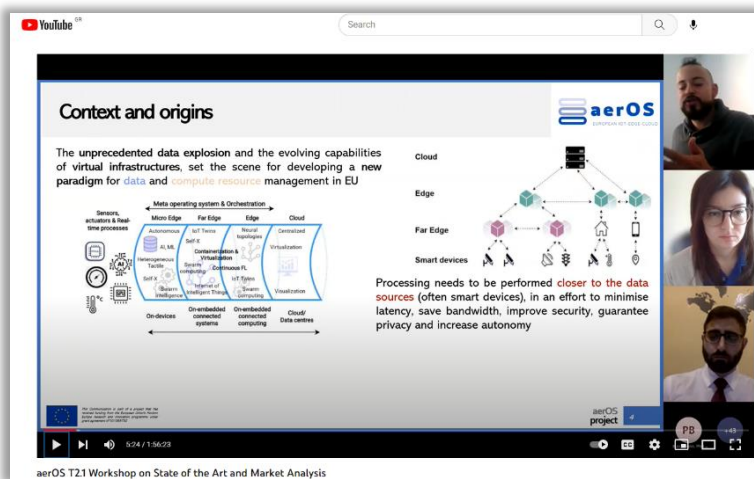
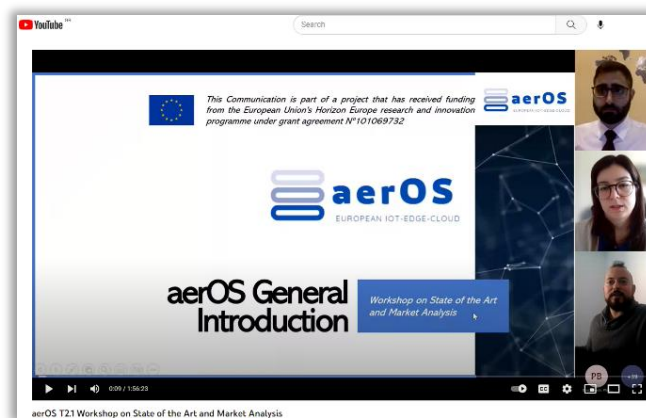


aerOS Workshop

The 1st aerOS workshop took place on Tuesday 29 November 2022 (online). In this event, aerOS project partners presented the outcomes of the "Market Analysis Survey" as performed within the scope of Task 2.1.

All the details on the results of the survey and the outcomes of T2.1 have been also part of the D2.1 "State-of-the-Art and market analysis report". The workshop was recorded and it was released on a later stage on the project's YouTube channel!

You may access the video online at aerOS YouTube channel: <https://www.youtube.com/watch?v=J9P-pcS7iUY&t=2s>



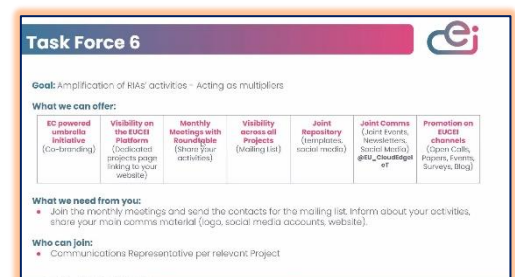
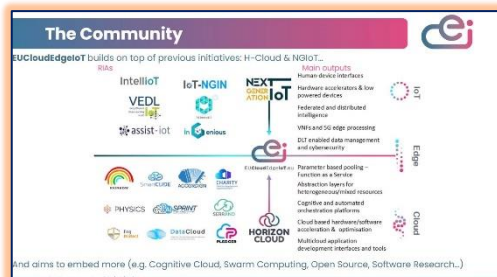
EUCloudEdgeIoT

The official launch of the **EUCloudEdgeIoT** took place on Wednesday 8 February, and aerOS project was present! In this introductory meeting participants had the chance to meet the coordination team and the new Task Forces!

In this context, the European Cloud Edge IoT Continuum aims to realise a pathway for the understanding and development of the CEI Continuum by promoting cooperation between a wide range of research projects, developers and suppliers, business users and potential adopters of this new technological paradigm. More precisely, the **European Cloud, Edge & IoT Continuum** will be supported by the effort of two Coordination and Support Actions (CSAs), namely Open Continuum and UNLOCKCEI, which will cooperate to reach the stated common goal, focusing respectively on the supply and demand sides of the CEI Continuum. These will also benefit from the synergies and legacy of other existing EU projects in the domains of Cloud, Edge, IoT, AI, and connectivity.

Corresponding aerOS partners have registered and will attend all 6 Task forces which are expected to launch from March and on.

More information available online at <https://eucloudedgeiot.eu/official-launch-of-the-eu-cei-community/>



Period Deliverables

D1.2 Ethics, legal aspects, and data management plan [M6] - All the ethics, legal aspects, and the data management plan considered throughout all the activities of the project.

D6.1 Impact activities planning [M6] – Plan on the specific activities of T6.1, T6.2, T6.3 and T6.4 concerning the actions of communication, dissemination, standardization, IPR, innovation and exploitation.

Upcoming Deliverables

D2.2 Use Cases manual, requirements, legal and regulatory analysis (1) [M9] – Initial and final version of requirements elicitation, use cases and scenarios definition and legal and regulatory analysis.

D2.4 DevPrivSecOps methodology specification (1) [M9] – Specification of technologies, tools and environment needed to be put in place for instantiation of the DevPrivSecOps approach of aerOS.

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



aerOS 1st Plenary meeting

aerOS 1st plenary meeting took place from the January 31st – February 2nd at DSTech premises in Rome. Almost 55 attendants from 27 different partners attended the meeting. Partners at this 1st plenary meeting had the chance to discuss the architecture of the project, initial actions of WP activities and also the content of the public deliverable (D6.1) about impact planning. During this meeting use case leaders also shared initial information and requirements about their use cases. Finally, during the last day partners took the traditional group photo.



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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