

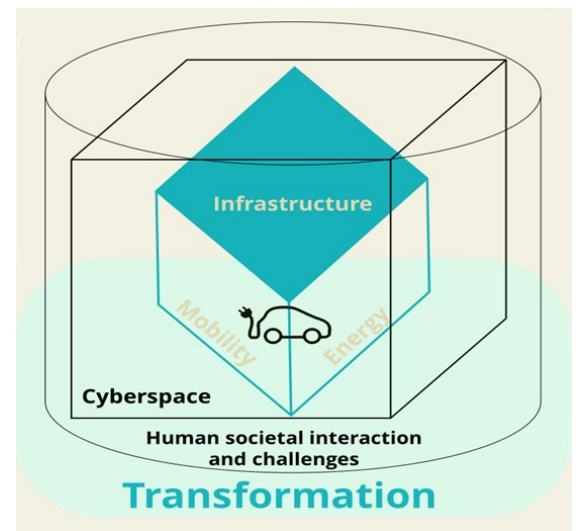


cynergy4MIE

Newsletter February 2025

Welcome to the 1st issue of the Cynergy4MIE newsletter. This first edition introduces the project's core concept, supply chains, and highlights its potential to address inefficiencies caused by parallel development in the Electronic Components and Systems (ECS) field. It also looks back at our successful Kick-off Meeting and recaps the various events we have organized and participated in during the project's first six months. More information about these events is available on the [project website](#).

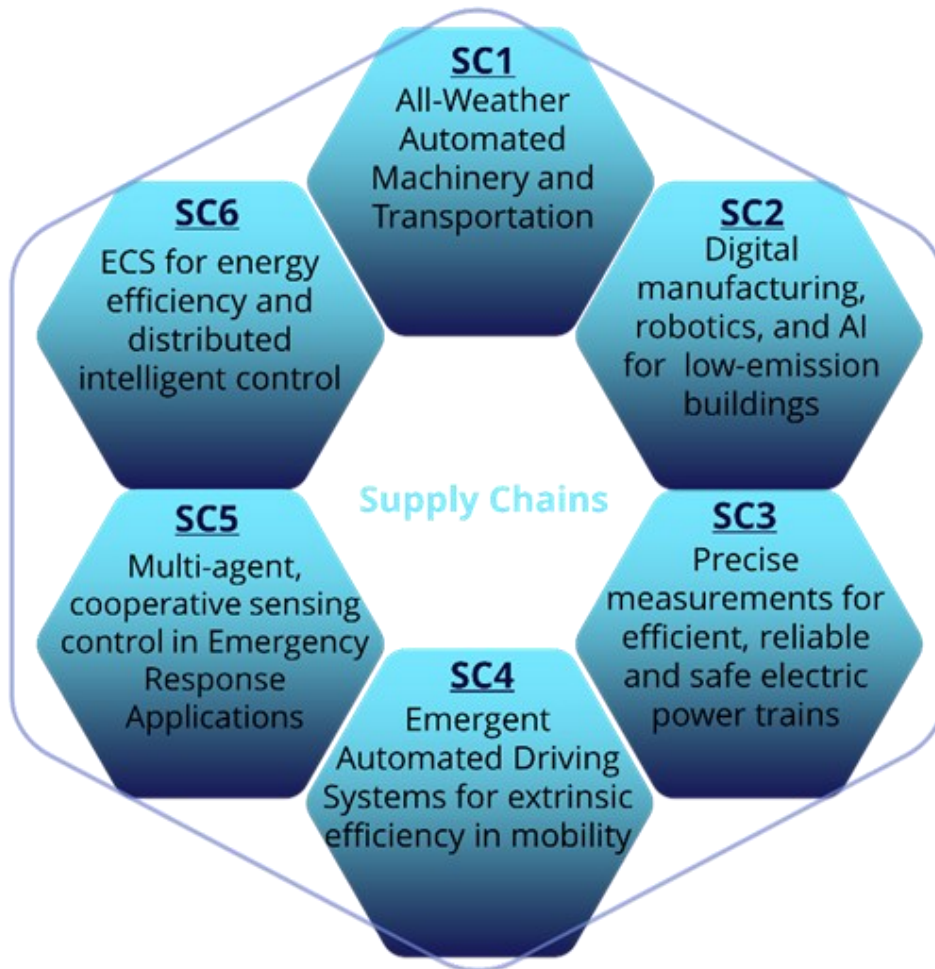
Cynergy4MIE is a project focused on advancing technologies within the Mobility, Infrastructure, and Energy (MIE). It aims to create a unified technology stack to facilitate the seamless transfer of smart software and efficient electronic components across different systems, accelerating product development and reducing costs. The project uses cutting-edge sensors and technologies to enhance applications and make them more appealing to consumers. Cynergy4MIE envisions a future where MIE systems are interconnected, leveraging shared technologies and innovations to maintain Europe's competitive edge and boost productivity.



The Opportunity



The Cynergy4MIE project presents an opportunity to address the inefficiencies arising from parallel development efforts in the ECS area. By proactively managing requirements from diverse key application areas, the project aims to guide developments in foundational technology layers and cross-sectional technologies. This strategic approach seeks to unlock synergies, tackle the growing complexity of applications, and boost productivity throughout the entire value chain. The project's outcome will be an application-driven technology stack that facilitates seamless software and ECS component deployment across ecosystems, accelerating high-level context adaptation and fostering economies of scale.



Kick-off Meeting



The project's Kick-off Meeting was held in Limassol, Cyprus, on the 23rd-24th of September 2024. Over these two days, the 43 project partners aligned on the project's direction and next steps, establishing a strong foundation for the project's future and success. The team was very excited to work together for the delivery of technologies for the Mobility, Infrastructure and Energy (MIE) ecosystem.



September 23-24,
Limassol, Cyprus



Completed Events



EEAI 2024 Conference

The Cynergy4MIE project participated in the European Conference on Edge AI Technologies and Applications (EEAI 2024) held in Cagliari, Sardinia on October 21-23, 2024. The Cynergy4MIE team, including representatives from AVL, IOTAM, TeraGlobus, CONVERGENCE and TTTech benefited greatly from the opportunity to connect with fellow researchers and practitioners.



TechTalk 2025



The TechTalk2025 event took place in Athens, Greece, on January 29-30, 2025, bringing together industry leaders, innovators, and experts to explore groundbreaking technological advancements and their impact on building a sustainable, customer-centric future. This strategic gathering provided a unique platform for thought-provoking discussions and interactive sessions shaping the future of mobility and sustainability.

Completed Events



Quantum Sensor Workshop

On December 10, 2024, the representatives from Chips JU co-funded projects A-IQ Ready, ARCHIMEDES and Cynergy4MIE gathered for the Quantum Sensor Workshop 2024, which was co-organised by Friedrich-Alexander Universität Erlangen-Nürnberg (FAU) and AVL.



Several Cynergy4MIE participants attended this clustering event, representing a diverse audience of quantum technology experts and enthusiasts. Consequently, this event marked a milestone in fostering collaboration and advancing discussions on quantum technologies within the industry and academia.



The event featured comprehensive joint projects' workshops and a visit to the FAU lab, providing a unique opportunity to explore the latest advancements in quantum sensor technology. Visions for the future of quantum sensor technologies were presented.

This event was an excellent occasion to network with fellow experts and quantum sensor enthusiasts who shared their firsthand results and insights. The insights gained from the Quantum Sensor Workshop 2024 will serve as a valuable foundation for advancing the community's ongoing and future initiatives.



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Key Facts

- Start: 1 September 2024
- Duration: 36 months
- Budget: 32,7 M€
- Coordinator: AVL
- Consortium: 44 participants
- Countries: 17

For more information follow us!



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