



KEY FACTS

Acronym: IMOCO4.E

Full name: Intelligent Motion Control under Industry4.E

Coordinating institution: Sioux Technologies B.V.

Project coordinator: Arend-Jan Beltman

GA No.: 101007311 - H2020-ECSEL-2020-2-RIA

Start date: 1st September 2021

Duration: 36 months

Consortium: 46 Partners from 13 countries

This issue provides a grasp of the main project developments during *March 2024 – June 2024*. It also provides facts on the results achieved, as well as links to the latest dissemination activities.

The IMOCO4.E project continues to be making significant progress! WP3, WP4 and WP5 were recently closed while WP7 is actively working and finalizing the work on pilots and demonstrators. The IMOCO4.E project has been a hive of activity over the past three months! From releasing informative technical videos showcasing the project's potential, to fostering collaboration through a dynamic Clustering Event and a productive final Consortium meeting, significant progress has been made. Let's deep dive into these exciting developments.

IMOCO4.E Highlights

WHAT HAS BEEN DONE?

WP3

WP3, WP4 and WP5 were recently closed with the submission of respective final deliverables (D3.7,

WP4

D4.8 and D5.8). These documents collect the solutions developed and validated within each WP, some guidelines for the selection of the best solution, and integration aspects, including customization.

WP5

WP6

In the last three months, WP6 has been leading the finalization of IMOCO4.E reference platform as well as final integration of SW building blocks into digital twin environments. Next, the final stages of verification and validation procedures, applied to each software/hardware component and cluster have been concluded and documented in detail. Furthermore, under the umbrella of WP6, we are finalizing research work on four project use cases and related documentation. WP6 also continuously monitors critical technological project risks to ensure smooth progress and successful final review.

ToC

Project Highlights: **P1**

What has been done: **P1-P2**

Events/Networking: **P2-P3**

Meetings: **P4**

What has been done

Partners of WP7 are finalizing working on their Pilot or Demonstrator, most of the times together with one or more other partners. Every month there was a WP7 meeting, to exchange the progress and status. The templates for the final deliverables were discussed and completed. For every Pilot and Demonstrator there will be a deliverable due in July. The template for the final deliverable of WP7 (summary of the lessons learned over the full project time) is also discussed. We will look into learnings out of WP's 2 to 5 on what is done, and into methodology items from WP6 on how are things done. This deliverable, which is a public report, has been further discussed in the Athens meeting in June.

WP7

Event Participation & Video Production

During the reference period, the partners intensively disseminated the project results by spreading knowledge and creating good networking opportunities with industrial and scientific peers. The IMOC04.E partners have focused to widen up the network of scientific experts of the project and transferred valuable scientific results by participating in multiple online and physical conferences and workshops.

During the past 3 months and in the context of WP8 activities, IMOC04.E participated in the several events, such as:



IMOC04.E project attended MEC SPE 2024 event, held from March 6th to 8th in Bologna, Italy. (Representative partners: CRIT, UNIMORE, HUAWEI). More details [here](#)

IMOC04.E project participated to the ISS Europe 2024 in Vienna, Italy during March 6th-8th 2024. (Representative partners: SEMI). More details [here](#)



IMOC04.E project at SEMI Europe's 3D & Systems Summit in Dresden, Germany during June 12th – 14th 2024. (Representative partners: SEMI). More details [here](#)



IMOC04.E project was presented at Zhejiang University of Technology and Zhejiang Sci-Tech University in Hangzhou, China. (Representative partners: UWB). More details [here](#)



IMOC04.E project at Future Mobile Work Machine event in Tampere, Finland during May 28th – 29th 2024. (Representative partners: VTT, Exertus, Normet). More details [here](#)



Technical Videos

Available online!!

We are excited to announce the release of the IMOC04.E project's pre-recorded technical videos! While our social media channels continue to ⚡buzz⚡ with weekly updates, these in-depth videos offer a deeper dive into the project's potential and results.

Each video focuses on a specific aspect of IMOC04.E, showcasing the project's benefits through the various use cases, pilots, demonstrators, and building blocks.

Ready to learn more? Visit our YouTube Channel and check out the available videos now: <https://www.youtube.com/@imoco4.eproject80>

IMOC04.E Clustering Event 2024: A Day of Innovation and Collaboration!

IMOC04.E values the importance of networking, exchanging ideas and knowledge with other similar EU projects. The consortium has managed to generate discussions with several projects aiming at boosting joint dissemination activities.

Liaison
activities are
in progress

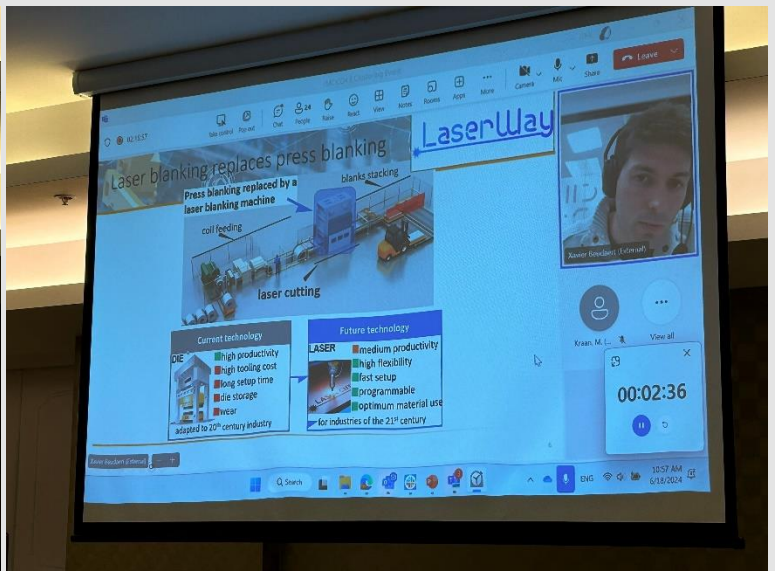
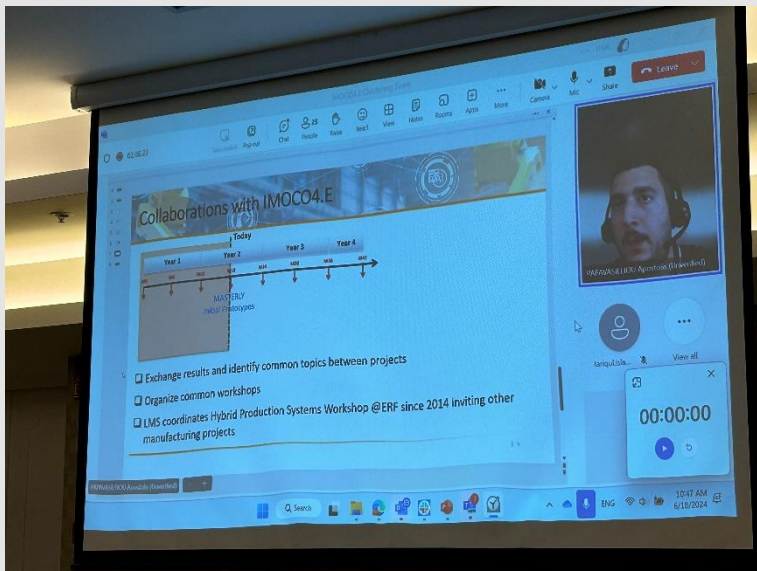


The IMOC04.E project recently hosted a phenomenal Clustering Event on June 18th, bringing together a vibrant community of European projects both online and in Athens, Greece!

Over 60 participants engaged in a day filled with 36 project presentations, sparking exciting discussions and fostering potential collaborations. It was an incredible opportunity for attendees to showcase their work and explore possibilities for future partnerships.

A huge thank you to all the presenters and participants for their excellent work! Looking forward to seeing the results of these fruitful discussions and new collaborations. 🧡

Participating Projects: LoLiPoP-IoT, 3DGS, MEMSseismometer, CAMAT, TRACE HORIZON, AI-Qready, ARCHIMEDES, Cynergy4MIE, RICAIP, SmartFact, EnergyECS, KITT4SME, MASTERLY, LASERWAY, Nextperception Project, AIMS5.0, DRIVOLUTION, Qu4lity, hashtag#INVERSE, VIDETEC2, SENSITU, 6GICAS4Mobility, KIRaPoI5G, CHASE, Puma, REBECCA KDT JU, HiCONNECTS, HAVeTAI, LifeInEU, FAIRPresons, M2X, HARTU project, INT-ACT, YoloV3



Consortium Meetings, Submitted Deliverables & Upcoming Events

IMOCO4.E Final Consortium meeting has been successfully completed!



The IMOCO4.E final Consortium meeting, held in a hybrid format on June 18th-19th in Athens, Greece.

Over the two days, consortium members engaged in productive discussions around the project's technical progress and results, deep diving into the various work packages, pilots, demonstrators, use cases, and building blocks. The focus also shifted towards future planning. Members addressed upcoming deliverables and strategized to ensure a smooth project closure in August 2024.

Beyond technical discussions, the meeting addressed exploitation plans and topics related to WP8 “Dissemination and Communication Activities”. During the closing session of WP8, partners participated in a workshop on Exploitation, Sustainability, and Standardization. The workshop featured dedicated questionnaires designed to gather essential data from partners for related tasks and upcoming deliverables.



Next stop: Final Review Meeting in October, Limerick, Ireland!

iMOCO4.E



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