

Dissemination Factsheets SEMICON Europa 2021

Edge-to-Cloud Intelligence for Resilient Manufacturing – The IMOCO4.E Initiative

Dissemination and exploitation of novel technologies plays a decisive role in delivering disruptive innovation across industries globally. For Europe, the circulation of technological innovations resulting from EU-funded projects such as IMOCO4.E is of particular importance due to their broad impact on key sectors such as the semiconductor, healthcare or packaging.

As a new EU-funded collaboration under the Electronic Components and Systems for European Leadership Joint undertaking (ECSEL JU), the IMOCO4.E project was presented for the first time to external audiences during SEMICON Europa 2021. As the premier event for the electronics design and manufacturing industry held from November 16 – 19 2021, SEMICON Europa provided an excellent foreground for dissemination and promotion of the IMOCO4.E project among key industrial stakeholders and communities from across Europe.

With the aim to share project's innovation goals and vision on the future of resilient Industry 4.0 manufacturing in Europe, the *'Edge-to-Cloud Intelligence for Resilient Manufacturing – The IMOCO4.E Initiative'* project session highlighted the objectives of IMOCO4.E and the expected impact of the project on the European economy and leadership in key industrial technologies. Emphasizing key concepts of the project, the session speaker Sajid Mohamed from ITEC (**Figure 1**) captivated the audience's attention by

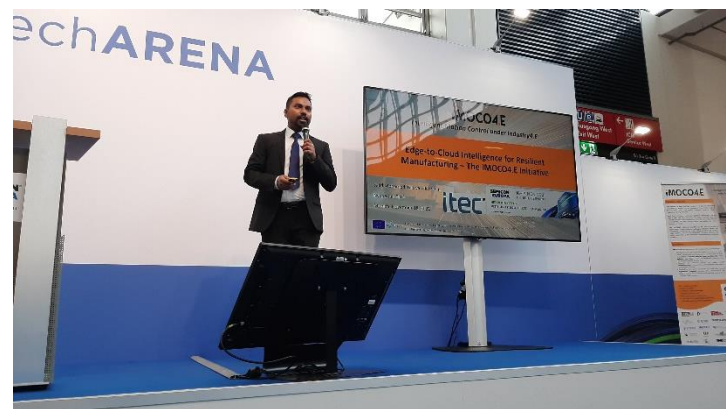


Figure 1: *Edge-to-Cloud Intelligence for Resilient Manufacturing – The IMOCO4.E Initiative'* session kick off.

focusing on the project's key concepts of Artificial Intelligence and digital twins, as well as model-based approaches and Industrial IoT philosophies enabling mechatronic systems to become smarter, more configurable, more reliable, while simultaneously pushing their performance toward physical limits. The

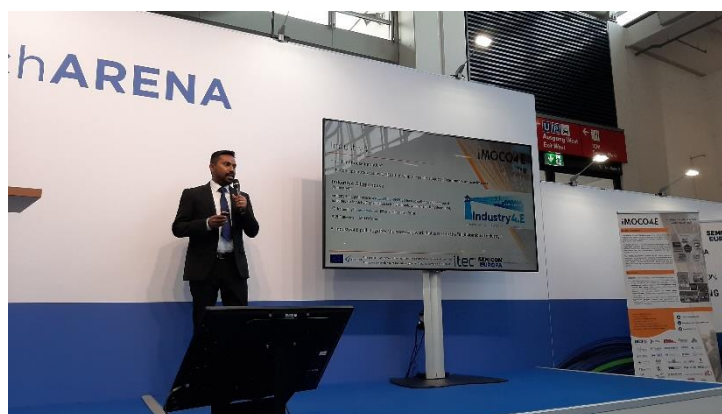


Figure 2: IMOCO4.E Session *'meet the expert'*.

highly technical topics were presented by the project consortium speaker to more than 50 attending experts from industry and a

academia in a manner understandable to technical and non-technical audiences alike. Subsequently the after-session opportunity to *'meet the expert'* (**Figure 2**) promoted an open discussion and encouraged exchange of views on Europe's technological future and the

IMOCO4.E innovation potential. By focusing on the core objective of engaging businesses and professional as potential future beneficiaries of IMOCO4.E delivered innovation, the possibility to engage the session



speaker proved to be an excellent way to connect with potential stakeholders and collect insight on innovations competing with IMOCO4.E.

In addition, the IMOCO4.E project was highlighted as part of the EU Digital Future Forum, a new platform of SEMICON Europa focused on the dissemination and exploitation of EU-funded projects and other industry collaborations. As part of the platform, the EU Digital Future lounge featured key IMOCO4.E dissemination materials (roll-up and flyer) giving SEMICON Europa attendees the opportunity to familiarize themselves with key concepts and objectives of the project at any point of the event.



Figure 3: IMOCO4.E dissemination at the EU Digital Future Forum

In conclusion, SEMICON Europa as a flagship event of SEMI Europe provided an excellent foreground for dissemination and promotion of the IMOCO4.E project among experts from across the semiconductor, automotive and healthcare industry. Through the dedicated IMOCO4.E session and promotion of dissemination materials, potential stakeholders were encouraged to engage the project and its consortium at an early stage, with the aim to build and sustain the interest of European innovation community in the project.