EU MSCA RISE Action: ReACTIVE Too Mid Term Review Draft Press Release June 2023

Success Story June 2023

ReACTIVE Too mid-term project review brands it a success story

ReACTIVE Too: Reliable Electronics for Tomorrow's Active Systems was a 48 month EU H2020 Marie Curie RISE project started in February 2020. A mid-term review of the project in April 2023 has branded it a success story! Due to the pandemic the project has been extended to 66 months as travel is required to meet requirements and has a new end date of July 2025.

Reactive Too: Reliable Electronics for Tomorrow's Active Systems is a research-focused project that brings together a unique team of academic and industrial members. This team has formed a tight confederation to tackle challenging aspects of reliability and future developments in electronic systems.

The project has seven industrial partners and six universities from Europe and China working together on a H2020 Marie Curie RISE 2019 call from February 2020 to July 2025. This project funded up to 777,400 euro has established a research network with broad engineering skills to make a significant contribution to EU research on Active Safety and Smart Systems for applications in; Active Health and Active/Green energy, Ambient Assisted Living, and Automated Driving.

The project was suspended during the recent pandemic but not particularly hamstrung by it. Relationships between all partners were grown with on-line meetings, workshops and discussions ready for a fast restart once travelling restrictions were lifted. RISE, from "Research and Innovation Staff Exchange", projects are all about travelling to partners sites to research and discuss the research objectives and help develop new ideas and new products to build new innovative devices.

To date three open international workshops have been delivered at partners sites in Finland, UK and Poland to openly discuss ideas and build the team dynamically. Initial work has progressed significantly with prototypes designed and built ready for user testing as SMART Table, SMART Chair and SMART Mirror. Applications are many with prototype applications under investigation in sheltered housing, a SMART home, care homes, bathrooms, offices and industrial environments. Key progress so far has been demonstrated in design and application of smart sensors for fabrics, wooden and bespoke furniture, to assist living. Bespoke sensors have been realised and linked electronically to recording and monitoring systems. An example is the protype SMART Table, with its embedded sensors can be used for educational, leisure and commercial applications. New materials for sensing have been produced by various partners and are being tested for sensitivity, precision and reliability to be applied within next-generation prototypes.

The EU Project Officer was very impressed with the extremely well-managed ReACTIVE Too project and highlighted the good working relationships amongst the different partners. The project really is a Team Project and as the technical elements come together dissemination both public and academic will increase to demonstrate the team's enthusiasm for applications and progress possible across Europe and The World.

Watch this space!

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