

Ten robotics experiments to receive a further €125,000 from ESMERA for industrial leadership and business support

May 11, 2021

The EU-funded project ESMERA (European SMEs Robotics Applications) has announced the selected 10 experiments that will continue to the next phase. The 20 initial experiments developed solutions in the areas of Manufacturing, Energy, Construction, Agriculture, Food Processing, Retail, Healthcare and Emergency Response. Having finished their proof of concept, 10 of them will gain access to industrial leadership and business support to advance their path towards industrializing and commercializing their solutions.

[ESMERA](#), a project funded through the European Commission’s Horizon 2020 Research and Innovation Programme, was launched in 2018 to boost robotics innovation of European Small and Medium sized Enterprises (SMEs). Short for European SMEs Robotic Applications, the project finds solutions to real-life industrial challenges provided by key European companies via SMEs. Thereby the selected experiments get a chance to implement, apply and prove new technologies that already have a market. ESMERA supports them with funding, technical and business support.

The Second Open Call for ESMERA Experiments (ESMERA-SOCE) attracted a total of 69 applications. Of those, the 20 experiments deemed most promising have each benefitted from up to €75,000 in funding for their proof of concept and gained mentoring by three robotics leaders during the first phase of the project. ESMERA also provides the cohort with access to four leading European competence centres. Led by teams from thirteen European countries, the full list of selected experiments is available on the [ESMERA website](#).

10 of these experiments have now progressed to Phase II, which will qualify them for further funding of up to €125,000 each. A panel of external evaluators took this decision based on the team’s success in validating their concept in Phase I. The second and final phase from May 2021 onwards will focus on industrialising and commercialising the developed robotics solutions and will last 9 months.

The full list of experiments selected for Phase II can be found below:

Project Name	Industry	Countries
AeroWind	Energy	Croatia, Switzerland
FLOX-rover	Agriculture	UK
MoCAAS	Manufacturing	Denmark
NeRo	Healthcare	Spain
PRySM	Agriculture	Portugal
ROMERO	Emergency response	Italy
ROVER4RT	Construction	Spain, Germany
SA3IR	Retail	Germany, Spain
SUSPICION	Manufacturing	Austria
Web2Print	Manufacturing	Finland

About ESMERA

Within the European Commission's Horizon 2020 Research and Innovation Programme, ESMERA aims to boost robotics innovation by European Small and Medium sized Enterprises (SMEs). In January 2018, the European Commission launched the ESMERA project to unlock the innovation potential of robotics SMEs. ESMERA promotes applied robotics technology developed for industrial challenges set by key European companies. Thereby the SMEs get a chance to implement, apply and prove new technologies that address real-life problems and thus already have a market.

For more information, please visit www.esmera-project.eu.

The consortium consists of:

- Laboratory for Manufacturing Systems and Automation at the University of Patras (Project Coordinator)
- Commissariat à l'Énergie Atomique et aux Énergies Alternatives
- Technische Universität München
- Fundación Tekniker
- Blue Ocean Robotics
- Comau
- RU Robots

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ESMERA – European SMEs Robotic Applications started in January 2018 and is coordinated by the Laboratory for Manufacturing Systems and Automation at the University of Patras. This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 780265.

Tags: H2020, Innovation, Robotics, Automation, FSTP, funding, SME, Emergency Response, Agri-Food, Manufacturing, Construction, Retail, Food Processing, Energy, Healthcare