trinity

Professor Minna Lanz, Coordinator

Tampere University, Finland

www.trinityrobotics.eu



 Mundane tasks for robots (e.g. dirty, dull and Transform (human) operator to knowledge worker and problem solver (e.g. system supervisor) Increase the product • Ensure that the factories can operate with less quality and production engineers (since we will lack those) capacity by robotics Digitalisation to increase supply network transparency and reliable real-time data visibility Al solutions to predict and prepare for continuous Shorten the overall production time with changes ICT and AI • To share resources (machines) and expertise Answer together to the changing customer needs Life-long learning support Benefit from industrial Shorten the supply chains ecosystems (e.g. DIHs)

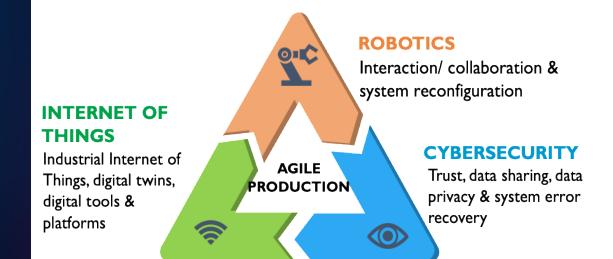
What we can do to ensure successful business in Europe?

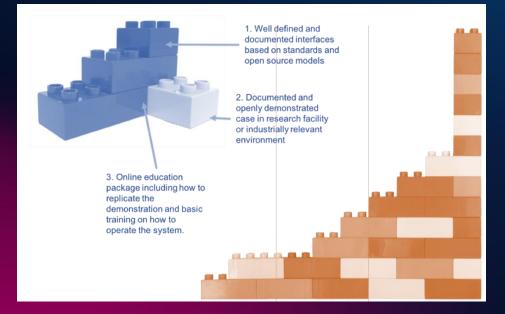
H2020 TRINITY 2019-2022

The main objective of TRINITY is to create a network of digital innovation hubs (DIHs) composed of Research Centres and University Groups specialized in Advanced Robotics and Internet of Things (IoT), supported by a DIH with experts in Robotics Cyber security to contribute to novel robotics solutions that will increase agility in production. The second objective is to continue this network after the ramp-up phase, by building a sustainable business model throughout the project

lifetime.

The third objective is to deliver a critical mass of use case demonstrations in collaboration with industry to support the industrial modernization leading to more agile production and increase the competitiveness of European companies.







Network & partners

INNOVATION NETWORK SUPPORT

 F6S NETWORK LIMITED, London, UK

INDUSTRIAL ASSOCIATIONS

CECIMO, Brussels, Belgium

RESEARCH PARTNERS

- Fraunhofer IWU, Cheamnitz, Germany
- EDI ELEKTRONIKAS UN DATORZINATNU INSTITUTS, Riga, Latvia
- Flanders Make Heverlee, Belgium
- JOZEF STEFAN INSTITUTE -JSI, Ljubljana, Slovenia

SMEs

- FASTEMS, Tampere, Finland
- LP-MONTAGETECHNIK GMBH, Erlangen, Germany
- LSEC LEADERS IN SECURITY (CYBERSECURITY) 3IF.EU (DIH
- MANUFACTURING), Leuven, Belgium
- DigitalNorway TOPPINDUSTRISENTERET AS, Oslo, Norway

MANAGEMENT CONSULTANCY

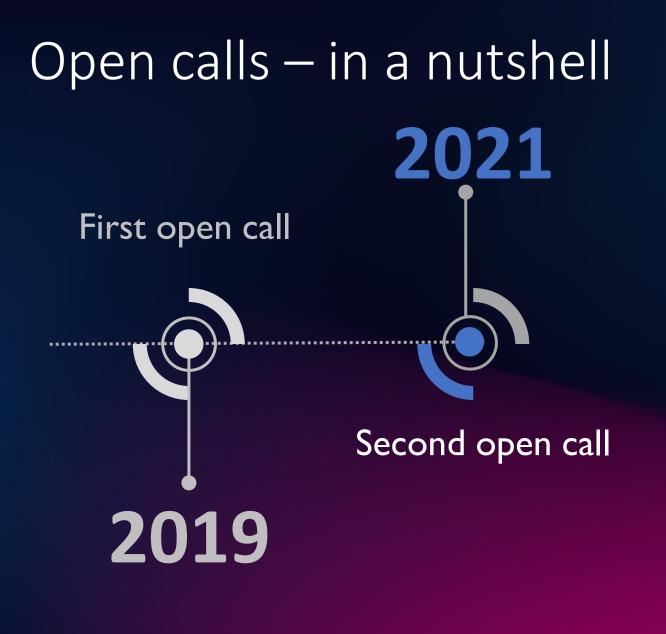
CIVITTA, Vilnius, Lithuania

For your company needs, you can contact any of the TRINITY partners

UNIVERSITY PARTNERS

- Tampere University TRINITY Coordinator, Tampere, Finland
- Centria University of Applied Sciences, Kokkola, Finland
- The University of Tromsø, Tromsø, Norway
- LMS University of Patras, Patras, Greece
- Budapest University of Technology and Economics,
 - Budapest, Hungary





• Open Call 2

- Call opens 14.2.2021 and closes 1.6.2021
- 1.7-31.8. evaluation period
- September contracting
- 1.10.2021 Demo Program 2 starts
- Up to EUR 200,000 funding per demonstrator
- Consortium lead by SME (or slightly bigger)
- Total budget 3,5 m€
- I0 months run-time
- Must be a consortium
- Must be two countries
- TRL 5-7





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Thank You! <u>minna.lanz@tuni.fi</u>



info@trinityrobotics.eu



https://www.linkedin.com/company/euproject-trinity/