

Annex 1 - TRINITY open call 1

The main objective of TRINITY is to create a network of multidisciplinary and synergistic local digital innovation hubs (DIHs) composed of research centers, companies, and university groups. TRINITY DIH aims to cover a wide range of topics that can contribute to agile production: advanced robotics as the driving force and digital tools, data privacy and cyber security technologies to support the introduction of advanced robotic systems in the production processes. For more info visit: <https://www.trinityrobotics.eu>

TRINITY DIH will organize two rounds of open calls for demonstrations, where accepted companies with agile production needs and sound business plans will be supported by TRINITY DIHs to advance their manufacturing processes. TRINITY external demonstrations can be a proof of concept demonstrations testing the TRINITY technologies or they can be novel solutions innovated by the applying SMEs. In total, minimum of 30 external demonstrations will be funded in the two open calls during the TRINITY project duration 2019-2022. Inspiration and ideas to demonstration can be found from our TRINITY demonstrations catalogue (<https://www.trinityrobotics.eu/demonstrators/>). Applicants can choose themselves whether to use these examples or propose new solutions. For this purpose, we have a two-track solution for the first TRINITY open call. Successful demonstrator will increase the agility of production, be it yours or your customers.

1 st TRINITY open call, external demonstrations, application tracks		
Track	Trinity originated solutions	Novel solutions
Track budget	1 m€	3 m€
Demonstration applicant	SME led consortium / SME	
Available funding per demonstration	50-300 k€	50-300 k€
Demonstration duration	6-12 months	
Max. funding rate	70%, lump sum model	
Demonstration requirements	Strong focus on publicity and dissemination of results	
Demonstration type	Implementation of available TRINITY module(s) from presented use cases.	Completely own solution contributing to TRINITY challenges.
Applicant requirements	Need to register to TRINITY DIH (https://www.trinityrobotics.eu/registration/) and have a PIC -number	
TRINITY support	Available	-

Each lead applicant can submit only one proposal. However, this does not restrict a company to be a partner in other consortiums. Each consortium can receive maximum of 300k€ funding in one call. The total grant from TRINITY DIH may not exceed 300 k€ for a single partner during the TRINITY runtime. Recommended consortium size is 1-3 partners. The open call is managed through F6S platform (<https://www.f6s.com/trinitydih>).

Demonstrations are expected to increase the agility in the production by applying advanced robotic technologies, and other digital tools and platforms, IoT and/or cybersecurity solutions. The funding is tied to successful implementation of your Individual Implementation Plan (IIP). This mean you'll receive the payments after certain stages of the project (planning, implementation and dissemination) have been completed, properly documented and accepted by TRINITY open call evaluation committee. TRINITY external demonstrations	
Project management	
Tasks	Jointly with TRINITY consortia (when applicable), design a work plan of the different activities and resources to be executed along the demonstration duration. Successfully managing the project.
Duration	1 month
Deliverable	Individual Implementation Plan (Project plan, Milestones, Gantt, allocation of resources and KPIs)
Allocation	Up to 10% of demonstration budget
Implementation	
Tasks	Execution of designed work plan. Changes to work plan may happen but will need to be reported and justified.

Duration	4-10 months
Deliverable	Demonstrator of the developed product/service, recorded as a public video and public abstract describing the demonstration and its novelty.
Allocation	Up to 70% of demonstration budget
Dissemination	
Tasks	Company is present at conferences/events to promote and sell demonstration achievements/results, contacts with potential partners, investors, customers. Participation to the Open Days workshop and demonstration event.
Duration	1-2 months
Deliverable	Report on dissemination activities and commercialization strategy
Allocation	Up to 20% of Demonstration budget

Evaluation

The selection of external demonstrations to be part of TRINITY will be based on technology excellence and agility, impact and efficient management of the tasks. Applications from the companies will be evaluated by three evaluators, two external reviewers and a third one from the core consortium. After going through the external evaluators, TRINITY evaluation team will unify the proposal grades and will rank the proposals.

TRINITY open calls, evaluation criteria			
Evaluation criteria		Sub-criteria	Scoring (0-10)
Impact	Industrial relevance and exploitation plans	Overall impact of the proposed prototypes if successful; Industrial relevance of the proposed prototype if successful; Quality of the exploitation plans and market potential; Relevance of the prototype to the objectives of the call.	Threshold 6/10; Weight 2
Concept	Soundness of concept	Feasibility of the proposed prototype and technological contribution; Level of innovation and technological challenges addressed; Quality of the work plan.	Threshold 6/10; Weight 1
Consortium	Partners of the consortium	Quality of the consortium and cross sector check; Clarity of partner roles and completeness of the consortium; Technical capacity and excellence of the proposer and its capability to achieve the deployment of TRL 7-8 services; Quality of the individual participants.	Threshold 6/10; Weight 1
Resources	Deployment of resources	Allocation of appropriate resources to the proposed demonstration; Justification of the proposed resources.	Threshold 6/10; Weight 1

At the end all received applications will be informed about their scores and evaluator comments. TRINITY will publish basic information (name of the proposal, partners, total budget and a short abstract) of the selected projects. More info about the evaluation in open call document 'Annex 2: Guidelines for Applicants'.

The financial support will be negotiated with each demonstration after the evaluation and selection process and before the contract signature. During negotiations, the consistency of proposed activity plan and resources will be reviewed in order to assure that estimated costs are reasonable and comply with the principle of sound financial management in particular regarding economy and efficiency. Activities that are already funded by other grants cannot be funded by TRINITY. Applicant selected for funding will sign a sub-grant agreement with TRINITY coordinator Tampere University. Only the main applicant in each consortium will sign the agreement and manage the financial issues.

TRINITY Open Call 1 timeline

- 20th November 2019, 1st call opens
- 28th February 2010, 1st call closes
- 30th April 2020, proposals evaluated
- May-June 2020, start of funded projects

More info:

- www.trinityrobotics.eu
- www.f6s.com/trinitydih
- opencall@trinityrobotics.eu