

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 plan 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 as well as 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 experiment; Justification of the proposed resources.	Threshold 6/10; Weight 1

In case there are proposals with equal scores the following criteria will be applied in strict order:

- The proposals will be ranked based on their higher Impact potential
- In case there are proposals in the same position, priority will be given to proposals that have ranked higher in Concept.
- In case there are still proposals in the same position, priority will be given to proposals which have higher score in Consortium

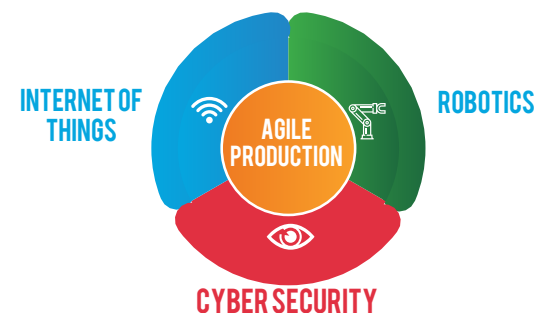
After completion of the evaluation process, all received applications will be informed about their scores and evaluator comments. TRINITY will publish basic information (name of the proposal, partners, total budget and a short abstract) of the selected projects.

The financial support will be negotiated with each experiment 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.

1st call timeline

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

Open Call for Funding
Up to 300,000€ per demonstration



**Digital Technologies, Advanced Robotics
and increased Cyber-security
for Agile Production in
Future European Manufacturing
Ecosystems**



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 825196

1st TRINITY OPEN Call

TRINITY DIH will organize two rounds of open calls for application experiments, where accepted companies with agile production needs and sound business plans will be supported by TRINITY DIHs to advance their manufacturing processes by integration of advanced robotic technologies. To serve the manufacturing SMEs in Europe best, the open call topics will be verified by TRINITY External Advisory Board, consisting of various TRINITY stakeholders around Europe.

TRINITY external demonstrations can be a proof of concept experiments 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 (trinityrobotics.eu/demonstrators) that showcases various TRINITY technology modules conducted by the project partners. Companies can choose themselves whether to use these modules or not. For this purpose, we have a two-track solution for the first TRINITY open call. There are two options: Your demonstrator can be based on available TRINITY modules, or you can propose a completely new demonstrator. Nevertheless, successful demonstrator will increase the agility of production through robotics, be it yours or your customers'.

Up to two proposals per lead applicant will be accepted for evaluation (the first two to be submitted). Others will be disregarded. Only one proposal can be accepted for funding. Resubmission is allowed in the second call. Companies can be partners in several funded consortiums but the total grant from TRINITY DIH may not exceed 300 k€ for a single company. Also, each consortium can receive maximum of 300k€ funding in one call. Recommended consortium size is 1-3 partners, but other sizes are also accepted if well justified. Information on how to become a TRINITY DIH member will be published later. The open call will be managed through F6S platform (<https://www.f6s.com/trinitydih>).

Demonstrations are expected to increase the agility in the production by applying advanced robotic technologies, possibly supplemented by other digital tools, IoT and cybersecurity solutions. The funding is tied to successful implementation of your Individual Implementation Plan (IIP). This means that 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.

1 st TRINITY open call, external demonstrations, application tracks		
Track	Novel solutions	Trinity originated solutions
Track budget	3 m€	1 m€
Demonstration applicant	SME led consortium / SME	
Available funding per demonstration	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	Completely own solution contributing to TRINITY challenges.	Implementation of available TRINITY module(s) from presented use cases.
Applicant requirements	Need to be part of TRINITY DIH and have PIC number	
TRINITY support	-	Available

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 experiment duration. Successfully managing the project.
Duration	1 month
Deliverable	Individual Implementation Plan (project plan, milestones, Gantt, allocation of resources and KPIs)
Allocation	Approximately 10% of total 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	Approximately 70% of total budget
Dissemination	
Tasks	Company is present at conferences/events to promote and sell experiment achievements/results, contacts with potential partners, investors, customers. Participation at the open workshops and demonstration events.
Duration	1-2 months
Deliverable	Report on dissemination activities and commercialization strategy
Allocation	Approximately 20% of total budget



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