



# GALACTICA

**SMART INDUSTRIAL INNOVATION AS  
ENABLER TO DRIVE NEW VALUE CHAINS  
FOR TEXTILES AND AEROSPACE**

**GALACTICA 1st Call for external experts**



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## GALACTICA CALL FOR EXPERTS FOR “PIONEER ACCELERATION” AND “ORBITAL PROJECTS” VOUCHERS

The GALACTICA consortium is launching a call for experts with relevant expertise in areas such as TEXTILE, AEROSPACE, ADVANCED MANUFACTURING/ICT and INNOVATION to evaluate proposals submitted under the GALACTICA call for “Pioneer Acceleration” and “Orbital projects”.

### BECOME AN EXPERT!

#### 1. WHAT IS GALACTICA?

As an effective way to bring Europe to the forefront of textile and aerospace sectors, GALACTICA aims to support the creation of new industrial value chains around textile and aerospace based on advanced manufacturing across EU to throttle growth and employment of the future by the development of long-term internationally competitive goods and services that require combining different competences and innovative solutions.

This way, GALACTICA will empower Industrial intelligent systems or Industrial Internet of Things as part of the strategic alignment on strategic emerging value chains for Europe towards 2030 as outcome of the High-level industrial roundtable.

This will be achieved by deploying a funding programme, including the “Pioneer Acceleration” and the “Orbital Projects” Open Call, in the GALACTICA thematic areas.

#### 2. WHAT IS A “PIONEER ACCELERATION” VOUCHER

This instrument will search for pioneering new business models and products that will disrupt current value chains and forge the future of Europe, by supporting the exploration of new value chains feasibility with focus on producing a Minimum Viable Product (MVP) as a mechanism for testing and validating the technological innovation concept.

These MVP's topics can be defined bottom-up within the combination of textile, aerospace, and advanced manufacturing sectors.

Selection will be based on entrepreneur/SME potential skills, clear identification of the need and proposed approach by a group of external evaluators with expertise in incubation, acceleration, and investment.

Main “Pioneer Acceleration” Voucher features:

- Goal: to support the creation of a Minimum Viable Product (MVP)
- Consortia: minimum 1 SME (although small consortia will be promoted)
- €: maximum 20.000 € per voucher
- Projects duration: maximum 4 months
- Information to be submitted by the SME.
  - 1. Administrative data, including partners details
  - 2. Budget for the proposal.
  - 3. 5-pages proposal and a video pitch
- The objective is to select up to 20 projects per call.

### 3. WHAT IS AN “ORBITAL PROJECT” VOUCHER

ORBITAL PROJECTS aim to demonstrate the new industrial value chains, by supporting innovative technical demonstrations and integrations in them, shortening its time-to-market.

Thus, support will focus on the development of functional prototypes and their market testing facilitated by the integration of non-technological innovations like *agile and lean startup* methodologies for speeding up market match. These prototypes and demonstrators' topics can be defined bottom-up within the combination of textile, aerospace and advanced manufacturing sectors.

Main “Orbital Project” Voucher features:

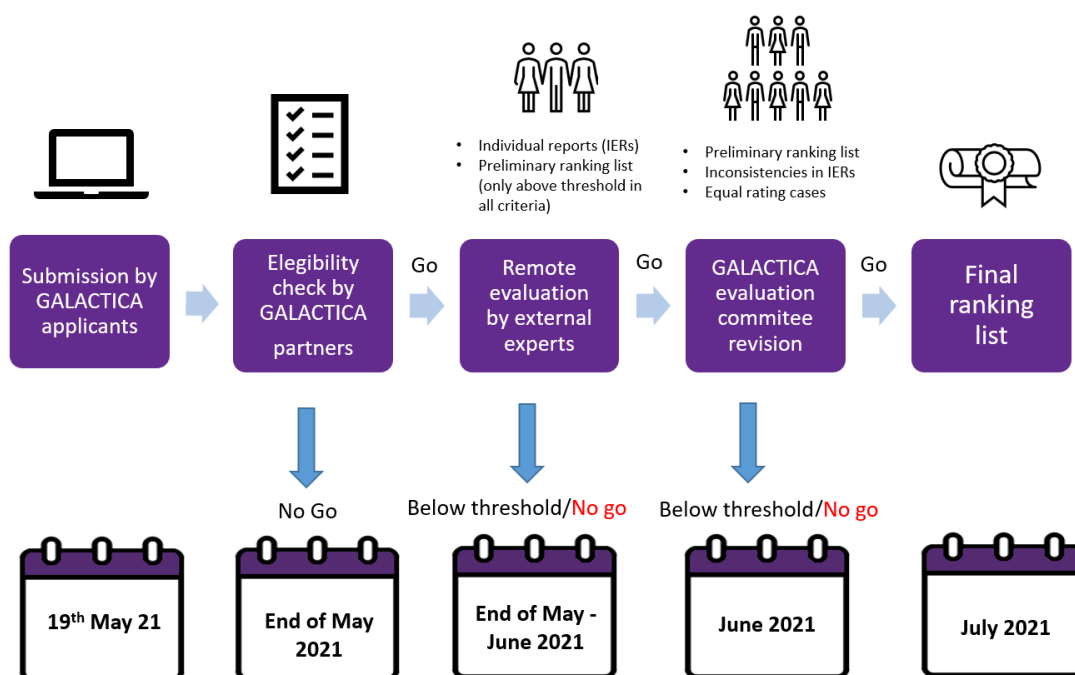
- Goal: to support innovative technical demonstrations and integrations in new industrial value chains;
- Consortia: minimum 2 SME from at least two different sectors and from different regions;
- €: maximum 100.000 per project (max. 58.000 € per SME);
- Projects duration: maximum 6 months
- Information submitted.
  - 1. Administrative data, including partners details.
  - 2. Budget for the proposal.
  - 3. 10-pages proposal.
  - 4. Video pitch of maximum 5 minutes
- Up to 8 projects will be selected on the first call / 12 on the second call
- First call projects granted and successful projects in “Pioneer Acceleration” are expected to be submitted to the second call for projects in “Orbital Projects”.

### 4. OVERVIEW OF THE EVALUATION PROCESS

Submitted applications will be evaluated in a one evaluation procedure (remote evaluation by external experts plus review by the Evaluation Committee consisting of representatives of GALACTICA partners). Prior to assigning proposals to external experts, GALACTICA partners will perform an eligibility check according to previously defined criteria. Eligible proposals will be assigned to external evaluators. Pioneer Acceleration proposals will be evaluated by at least 2 external experts, and Orbital proposals by 3 external experts.

The overall evaluation process shall take max. 40 days, starting from the closing date of GALACTICA open call (19<sup>th</sup> May 2021, 17.00 CEST).

The diagram below illustrates the whole evaluation process and key dates:



- **Individual Evaluation** will be done remotely by external experts. After individual evaluation, the result will be a preliminary ranking list. Only proposals with all individual criteria rated above the threshold will be considered eligible and included in the preliminary ranking list. There will be different ranking lists for each of the vouchers.

The evaluation and ranking of applications is based on a set of criteria in addition to the above-mentioned main eligibility requirements. The following table explains the different aspects which will be considered for each evaluation criterion.

Evaluation criteria	Sub-criteria	Score	Weighted Score
<b>1. Excellence (30%)</b>	Scientific and technical quality	5	10
	Innovation potential	5	10
	Feasibility of the project	5	10
<b>Total 'Excellence level'</b>			<b>30</b>
<b>2 Implementation (30%)</b>	Coherence and effectiveness of the work plan	5	10
	Team	5	10
	Risk management	5	10
<b>Total 'Implementation'</b>			<b>30</b>

<b>3. Potential impact (40%)</b>	Economic impact	5	15
	Route to market	5	10
	Social impact	5	5
	Value chain perspective (cross-sectoral aspects)	5	10
<b>Total 'Impact</b>			<b>40</b>
<b>4. Cross border consortium</b>			<b>+5%</b>

GALACTICA is strongly looking to establish **cross-sectoral and/or cross-cluster and/or cross-border value chains** and, therefore, it is positively evaluating applications from SMEs established in different GALACTICA countries or members of different GALACTICA clusters.

More information regarding the scoring mechanism and evaluation criteria will be provided to external experts in the evaluation guidelines.

- **GALACTICA Evaluation Committee revision**

The Evaluation Committee is constituted by one member of each GALACTICA partner, that will review the preliminary ranking list dealing with, successively:

1. Stage1 scores oversight to detect potential inconsistencies.
2. Proposals with strong discrepancies between evaluators at stage 1.
3. Final score adjustment with equal scores and nearing the funding threshold under different criteria (gender balance – number of women participating in the project)

The final ranking list will result from the decision of the Evaluation Committee revision.

## 5. EXPERT'S ROLE AND RESPONSABILITIES

Experts rely on their technical and market know-how within their field of expertise to provide **objective assessments consisting of scores, comments and recommendations**. Specific expert profiles requirements and profiles are detailed in next session.

The expert must, in particular:

- attend the briefing session organized remotely by GALACTICA, prior to the start of the evaluation.
- implement the work properly and in full compliance with the provisions of the Contract, and
- ensure compliance with applicable national tax and social security law.
- must immediately inform GALACTICA consortium, if s/he cannot fulfil his/her obligations under the Contract or becomes aware of other circumstances likely to affect the Contract.

Payment will be based on flat rates per proposal evaluation according to EU funding schemes standards.

## 6. WHO CAN BECOME A GALACTICA EXPERT?

Experts are chosen through a previous selection procedure, as commented in the following section.

**Experts can be from all 27 EU countries or the United Kingdom, must have an excellent understanding of international collaborative RTDI planning and project implementation, dissemination and exploitation strategies (post-RTDI business development), appropriate target market areas and routes to those markets.**

Please note that the evaluation work is performed entirely in English, hence the experts must be able to effectively communicate and write in English.

More specifically, experts must be **experienced evaluators and/or entrepreneurship experts of at least five years of experience** in some of the following areas, within the TEXTILE, AEROSPACE, ADVANCED MANUFACTURING/ICI and INNOVATION:

1. ***Co-creation and technology uptake facilitation*** (*innovation and technology transfer services*):
  - Definition of a joint R&D project for co-creation or technology adaptation with a local subcontractor or other local partner(s)
  - Analysis of the IP environment
  - Technology scouting and novelty verification, technology valuation, technology legal situation analysis, technology protection & valorisation strategy design
2. ***Market prospection, innovation management and investment***
  - Accessing new markets, internationalization of SMEs, improving SME competitiveness, improvement of investment readiness – coaching, mentoring...
  - Administrative and legal business environment, administrative and legal FTO/due diligence verification, business analysis & planning, new business opportunities, strategic and project management
3. ***Research experience***
  - Brand engagement and positioning, concept development, trend watching, customer insight, user experience, product innovation, message development
  - Competition analysis, observational studies, risk analysis, segmentation study, case studies, focus groups, in-depth interviews, experimental studies, survey design

## 7. HOW TO APPLY FOR GALACTICA CALLS EVALUATION?

In order to be selected as individual expert, expert candidates must register and send their applications in the GALACTICA platform: [calls.galacticaproject.eu](https://calls.galacticaproject.eu)

An e-mail confirmation of registration will be sent by the GALACTICA team.

- LAUNCH OF CALL FOR EXPERTS: 25<sup>th</sup> February 2021
- DEADLINES FOR APPLICATIONS: 16<sup>th</sup> April, 17.00 CEST

The GALACTICA team will be looking up the most appropriate expert candidates and prepare an initial list of accepted experts.

Accepted experts will receive an e-mail from the GALACTICA team at the end of April 2021 asking them to confirm their availability within the evaluation period May-June 2021.

The final selection and assignment of experts, out of the final list of accepted and available ones, will take place in May 2021.

## **8. CONTRACT DATES AND DELIVERABLE**

It is expected that the contract(s) are signed during May 2021. The execution of the tasks shall not start before the contract has been signed or before the specific date specified in the contract. Work will follow the timetable of the GALACTICA project.

Amendments may be made to the contract(s) only in exceptional cases where the amendment is considered by CTA and Corallia to be necessary for the completion of the project and following the provisions of the draft contract.

## **9. PAYMENT TERMS**

Payments are subject to GALACTICA approval of the evaluation process. GALACTICA will make payments within 30 days from finalizing the evaluation process. Payments will be made in euros. Payments will be made to the bank account specified by the expert in the application form and the contract.

The expert is entitled to the following fee(s):

- For individual evaluation and drafting evaluation summary report of one Pioneer proposal: EUR 31.00
- For individual evaluation and drafting evaluation summary report of one Orbital proposal: EUR 56.00

It is expected that each evaluator is assigned approximately 12-16 evaluations (both Pioneer and Orbital applications) during the whole GALACTICA project. The total number of assigned proposals will vary depending on the total number of proposals received and accepted evaluators. The estimated dedication time per proposal evaluated is:

- 1 h per Pioneer acceleration proposals (5 pages + 2-5 min video)
- 2 h for Orbital project (10 pages + 2-5 min video)



## 10. CONFIDENTIALITY AND DATA PROTECTION

Confidentiality is required for all experts in the performance of tasks following this call for tender, as they might come into contact with confidential information during the course of their work.

Any breach of confidentiality will be treated as professional misconduct and could lead to the termination of the contract. CTA reserves the right to instigate any legal proceedings for breach of confidentiality necessary. Specific requirements relating to personal data and the protection thereof are set out in the contract. The contractor is responsible for ensuring that all data to which he/she or his/her staff become party during the execution of the contract must be treated confidentially and in conformity with EC regulation № 45/2001<sup>1</sup>

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<sup>1</sup> Regulation (EC) No 45/2001 of the European Parliament and of the Council of 18 December 2000 on the protection of individuals with regards to the processing of personal data by the Community institutions and bodies and on the free movement of such data