

Partnering Opportunity

Profile status : Published

Research Development Request

HORIZON-MSCA-2021-DN: French University is looking for companies, industrial partners to join MSCA Horizon Europe Call and host a PhD student

Summary

A French University is looking for companies and industrial partners from material analysis sector or heritage field to join the Horizon Europe project. Partners would host a PhD student for 1-3 months and provide a research training. All costs will be covered by the project.

Creation Date	28 July 2021
Last Update	16 August 2021
Expiration Date	15 October 2021
Reference	RDFR20210728001
Public Link	https://een.ec.europa.eu/tools/services/PRO/Profile/Detail/32e1d61b-6ebb-44e0-ba43-4b1d634fa8c3

Details

Description

The GALLERY project seeks to set up the first European multidisciplinary and innovative plaster network around casts dating back to the Renaissance all the way to the 20th century. At present, these heritage treasures can be endangered by their environment, corrupted by the trafficking of art works, and forgotten because of a lack of knowledge about their cultural messages.

The GALLERY project has 5 main objectives:

Ref: RDFR20210728001

1. Training students and helping them to achieve high level of multidisciplinary skills for significant employability and attractiveness.
2. Bringing high level expertise on the development and characterisation of materials using the example of plaster.
3. Studying old plaster casts to put forward renovation protocols and bring innovations in the development of new materials that meet current requirements, in terms of resistance, durability, or adaptability to the environment.
4. Developing necessary reliable authentication tools required by the art market and professionals to detect forgeries.
5. Establishing a new kind of museology and developing educational tools to better showcase public works of art.

A French University is now seeking well-developed companies and industrial partners who manufacture plaster or similar materials to host PhD students in the following fields:

- Characterisation of the constituent plaster materials / origin of raw materials
- Patina, polychrome on initial surfaces & alteration, cleaning and surface treatment.
- Dating and authentication of artworks.
- Data learning and management, and economic value

The GALLERY project will be submitted to the call HORIZON-MSCA-2021-DN mid November 2021.

Expression of interest deadline: the 15th of October 2021

Call deadline: the 16th of November 2021

Expected project start: January 2022

Advantages and innovations

The GALLERY project combines two major research axes of the French University: materials and cultural heritage. The University has also experience in managing the EU projects.

Technical Specification or Expertise Sought

Plaster manufacturer

Stage of development

Proposal under development

IPR Status

Exclusive Rights

Keywords

Technology

02007002	Building materials
02007003	Ceramic Materials and Powders
02007005	Composite materials
02007015	Properties of Materials, Corrosion/Degradation
02007023	Hybrid materials

Market

06001006	Chemicals and materials
08001013	Ceramics
08001018	Polymer (plastics) materials
09004008	Other manufacturing (not elsewhere classified)
09007002	Manufacture of construction materials, components and systems

NACE

C.23.6.2	Manufacture of plaster products for construction purposes
P.85.4.2	Tertiary education

Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

Contact Person

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Open for EOI: **Yes**

Dissemination

Relevant sector groups

Tourism and Cultural Heritage

Client

Type and Size of Organisation Behind the Profile

University

Year Established

1950

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English
French

Client Country

France

Partner Sought

Type and Role of Partner Sought

A French University is now looking for well-developed European companies and industrial partners who manufacture plaster or similar materials to host PhD students.

In the framework of the European project GALLERY, the industrial partner will be associated to two theses focused on the elaboration of the plaster material and/or its consolidation and eventual analysis of the elements. Each thesis gathers around a PhD student one or two academics, an industrial partner and a European museum.

The objectives of the thesis are connected to the museum's and academic's expectations and those of the industrial partner. Depending on the technical characteristics and interest of the industrial partner, the University can adapt the objectives and length of the internship (1-3 months).

An industrial partner should have an expertise on materials' elaboration.

Type and Size of Partner Sought

SME 51-250

Type of Partnership Considered

Research cooperation agreement

Program - Call

Framework Program

Marie Skłodowska-Curie Actions

Call title and identifier

HORIZON-MSCA-2021-DN

Submission and evaluation scheme

Single-stage

Coordinator required

No

Acronym

GALLERY

Duration

208 days

Deadline for EOI

15 Oct 2021

Deadline of the Call

16 Nov 2021

Weblink to the call

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/horizon-msca-2021-dn-01-01;callCode=null;freeTextSearchKeyword=Doctoral%20Networks;matchWholeText=true;typeCodes=0,1,2;statusCodes=31094501,31094502,31094503>

Attachments

Concept Note of the Project