

DREAM

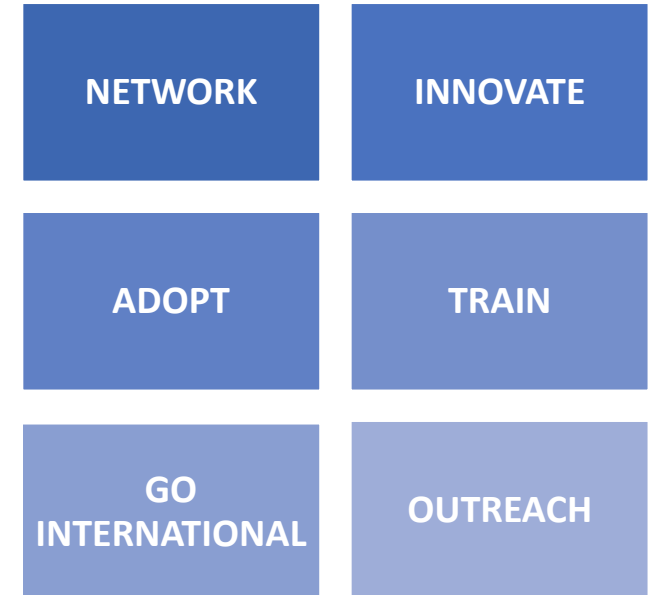
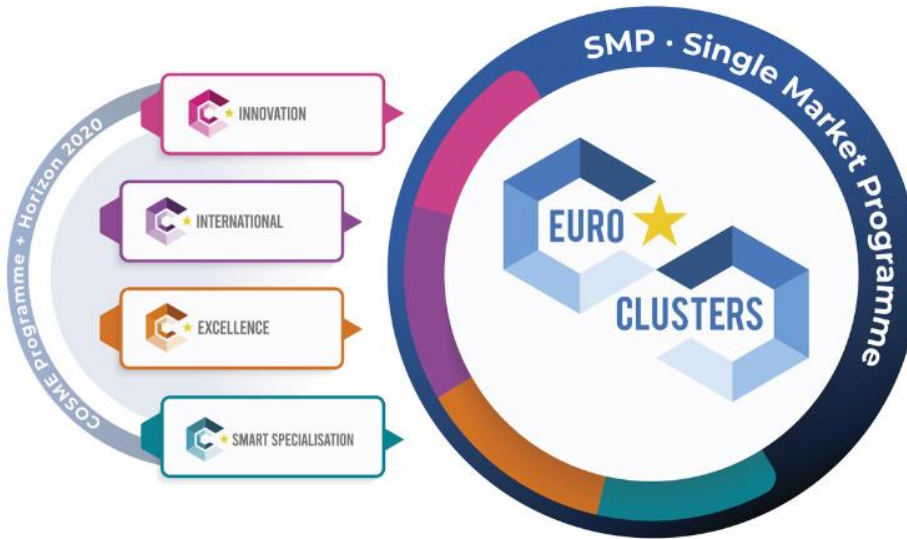
Digital Resilient Europe for Advanced Manufacturing

Innovation Open Call



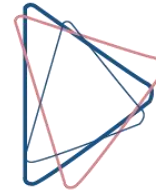
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Joint Cluster Initiative (EUROCLUSTERS) for Europe's recovery



Single Market Programme
Contribution to the implementation of the EU Industrial Strategy
in 14 industrial ecosystems

Euroclusters



DREAM
Digital Resilient Europe
for Advanced Manufacturing



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DREAM Consortium partners

5 partners from

4 European countries

2 clusters specialised in digital technologies

2 clusters specialised in advanced manufacturing

1 international consulting firm in innovation and performance



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DREAM project overview: objectives

Overall goal: to reinforce **European digital ecosystem** applied to manufacturing

Objectives:

NETWORK To build resilience and accelerate transition to green and digital economy

NETWORK To initiate, develop and maintain an EU-level long-term strategic partnership between companies of different kinds and sizes (with an emphasis on SMEs), from the digital ecosystems and the manufacturing domain;

INNOVATE To stimulate innovation for strategic autonomy to build capacity in the most critical supplies and technologies in digital ecosystem applied to manufacturing;

ADOPT To reinforce transformation into a greener and more digital economy by deploying technologies and processes from digital ecosystem into the manufacturing sector;

TRAIN To foster up- and re-skilling of the workforce whilst attracting talents in digital ecosystem and interconnected manufacturing sector;

GO INTERNATIONAL To boost access to global supply and value chains.



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Project overview: scope



Technological scope

Digital Technologies that can contribute to the *sustainability* challenges:

AI, big Data, IoT, Cloud & connectivity, Smart Robotics/Automation, AR/VR, Simulation

But also, to the *resilience* of the process:

Cybersecurity (Resilience & risk management)



User/industrial scope

Manufacturing domain as key and strategic sector for digital products/services/applications

Modelling and simulating processes
Improvement of the quality of manufacturing decision making

Cost savings, reduce time to market
Connected machines,
0-defect production

=> greener, competitive, resilient



DREAM open call

Mechanism of cascade funding

(Financial support to third parties – FSTP)

EC mechanism that distributes smaller amount of public funds in a more agile way

- ✓ Open calls managed by larger EU projects
- ✓ Lighter and simplified administrative process
- ✓ Faster
- ✓ Innovation funding (grant = lump sum)
- ✓ Simplified reporting process



DREAM open call in figures

1.050.000 € to be allocated to SMEs

35 projects to be funded

30.000 € per project (funding for SMEs)

2 partners (minimum) per project

7 weeks to prepare your application

9 months (max. support period)



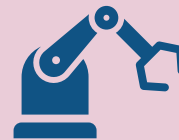
DREAM open call: type of projects

Development / deployment of **innovative digital solutions** into **manufacturing** environment, contributing to the **green transition of manufacturing processes**

Expected impacts



Reduced consumption of resources thanks to the deployment of digital technologies (**energy, water, raw materials, supplies, waste**)



Increased **efficiency of production means** thanks to digital technologies



Growth opportunities for technology providers

DREAM open call: technologies & sectors

Digital technologies

Artificial intelligence, Big Data and analytics

Internet of Things (IoT)

Cloud Computing

Autonomous Robotics

Immersive technologies (AR/VR)

Simulation

System Integration

Cybersecurity

Industrial sectors

Manufacturing industries

including electronics, nanotechnologies, automotive, mechanicals, aerospace, medical & pharmaceutical, construction, energy & utilities, marine (naval industries), metal working, chemicals, food & beverage, logistics, printing, textile, luxury, cosmetics, wood, paper, furniture, consumer products, etc.

DREAM open call: type of actions

Prototype

TRL 6

Development

Miniaturisation

Testing

Demonstration

TRL 7/8

Proto. already developed

Demo at large scale

In real environment

DREAM open call: consortium composition

Consortium of at least **2** partners:

- ▶ 1 **SME** from **digital sector**
- ▶ 1 **end-user** from **manufacturing industry sector**



- ▶ Partners must **independant** from each other.
- ▶ From SMP eligible countries
(EU-27 Member States + Iceland, Liechtenstein, Norway, Ukraine)
- ▶ From **2 different NUTS1 regions**
- ▶ At least 1 partner must be based in the DREAM consortium partners' countries
(Belgium, France, Italy, Romania)



DREAM open call: financial support

- ▶ Up to **30.000 €** per selected project
- ▶ Only SMEs can be funded.
- ▶ Grant, lump sum

- ▶ Maximum duration = **9** months
- ▶ Expected start: 01/09/2023
- ▶ Latest ending on 31/05/2024

- ▶ Payment calendar:
 - ✓ **40%** at project start (after subgrant agreement signature)
 - ✓ **60%** at project closure, after validation of the project by DREAM consortium



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DREAM open call: how to apply

Application platform on:

<https://dream.grantplatform.com/>

The screenshot shows the DREAM application platform interface. At the top left is the European Union flag. The main header reads "DREAM Digital Resilient Europe for Advanced Manufacturing". Below this, there are two main sections: "Register" and "Log in".

About DREAM

DREAM is an Eurocluster project that focuses on digital and smart manufacturing. It aims at supporting clusters' activities towards SMEs to speed up the adaptation of digital technologies and processes to transform manufacturing companies as greener and more digital.

The general objective of the DREAM Open Call is to financially support small and market-oriented projects involving SMEs, consisting of the integration and the use of digital technologies into manufacturing environments.

DREAM will put in place a cascade funding mechanism for innovation vouchers, to support the deployment of 35 projects from digital ecosystem into manufacturing context, for more digitalized sector, with a focus on efficient management of resources.

Projects applying to the DREAM Open call shall gather at least one SME representing the digital side (technology offer) AND another entity representing the industry side (demand) which could be a machine or tool manufacturer or an end user with manufacturing activities.

For more information on the DREAM Open call, visit:
<https://www.mesap.it/collaborazioni/dream-digital-resilient-europe-for-advanced-manufacturing/>

Register

First name: [input field]
Last name: [input field]
Email:
Password: [input field] (Must be at least 12 characters, including a number, an upper- and a lower-case letter and a special character.)
Confirm password: [input field]
 I have read and agree to the [privacy policy](#), [cookie policy](#) and [terms of service](#).
 I agree to receive notification and communication emails or SMSs from DREAM. You may withdraw your consent at any time.

Log in

Email or mobile:
Password: [input field]
 Remember me

[Forgot password](#)

or log in with

@Clusters_EU

EUROPEAN CLUSTER COLLABORATION PLATFORM



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All questions must be answered, unless marked optional.

- 1. Basic project information
- 2. Consortium composition
- 3. Excellence
- 4. Impact
- 5. Implementation
- 6. Description of the consortium
- 7. Declaration

Information on consortium composition

Consortium must be composed of at least 2 partners :

- Partner 1 = **SME from digital sector**
- Partner 2 = **End-user from manufacturing sector** (SME or non-SME)
- At least one of the consortium partner (digital SME or end-user) must be from one of the countries of the DREAM partners (i.e. **Belgium, France, Italy, Romania**)
- The two partners must be **from 2 different NUTS1 regions**

2. CONSORTIUM COMPOSITION

2.1. PARTNER ORGANISATION 1 = DIGITAL SME

Partner 1 - Full legal name Legal name in the country where the organisation is registered.

Partner 1 - Short name

I confirm that Partner 1 is an SME

Yes

+ 2 documents to be uploaded for SMEs:

- ▶ Result from [SME self-assessment](#)
- ▶ Result from [financial viability check](#)



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3. EXCELLENCE

3.1. OBJECTIVES

3.1.1. Specific project objectives 0 / 1500 characters

Describe the specific objectives for the project, which should be clear, measurable, realistic and achievable within the duration of the project.

Max. 1500 characters

3.1.2. Use case and business opportunity 0 / 1500 characters

Explain the industrial / environmental / economic / social problem(s) to overcome, or the business opportunity to be taken advantage of, that has not yet been solved / offered and can be solved / offered through your project.

Explain how your solution solves the stated problem or avails of the opportunity.

Max. 1500 characters

3.1.3. Scope of the call 0 / 1500 characters

Indicate how your project addresses the scope of the call, in particular the application digital technologies into manufacturing environment for a more sustainable management of resources.

Max. 1500 characters

Need help?

DREAM open call: eligibility conditions

- ✓ Applicants are legal entities from eligible countries.
- ✓ Consortium of at least 2 legal entities, independent, from 2 different NUTS1 regions.
- ✓ At least 1 entity is a for-profit SME.
- ✓ At least one legal entity is based in Belgium, France, Italy or Romania.
- ✓ Applications are submitted before the deadline.
- ✓ Applications are complete and in English.
- ✓ Only 1 application per applicant. If more than one proposal is identified, only the last proposal which has been submitted will be evaluated.
- ✓ SME must be in good financial health (not under liquidation nor in difficulty).



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DREAM open call: evaluation criteria

Each application will be evaluated by at least 2 external and independent experts.

Scores from 0 to 5

Threshold 3/5 on each criteria + 10/15 on the total

EXCELLENCE (.5)

- Soundness and pertinence of objectives with the scope of the call
- Credibility of the technological KPIs to measure the results
- Concreteness of the technical approach
- Coherence of the TRLs and scope with the type of proposal applied for (prototype or demonstrator)
- Innovativeness of the proposed solution

IMPACT (.5)

- Industrial and market relevance
- Credibility of targets for environmental KPIs
- Expected environmental impact of the solution
- Quality of the exploitation, market opportunity, IPR and knowledge protection strategy

IMPLEMENTATION (.5)

- Soundness of the workplan, including relevance of the tasks described, and the timing of the activities
- Appropriateness of the consortium: evaluate completeness and complementarity, expertise of the team
- European dimension
- Cost-effectiveness of the workplan
- Operational capacity

+ 1 extra bonus point in case the 2 partners are from 2 different countries



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DREAM Open Call: search for experts



Evaluation of applications by external experts, independent from DREAM consortium

Each application is evaluated by at least 2 experts

One-off paid mission



Confidentiality (NDA) / absence of conflict of interest / impartiality

Fluent in English



Complementarity of profiles (geographical origin / gender, (industrial / technical / academic / institutional) and expertise (digital technologies / industries)



Training of experts: expectation of the project, analysis grid and criteria, rating, reporting

Calendar :



- Mid April: Call for experts
- End of May: Final selection of evaluators
- 30/05: Evaluators' training
- 01/06 till 21/06: Evaluations of applications by selected experts

DREAM open call: evaluation criteria

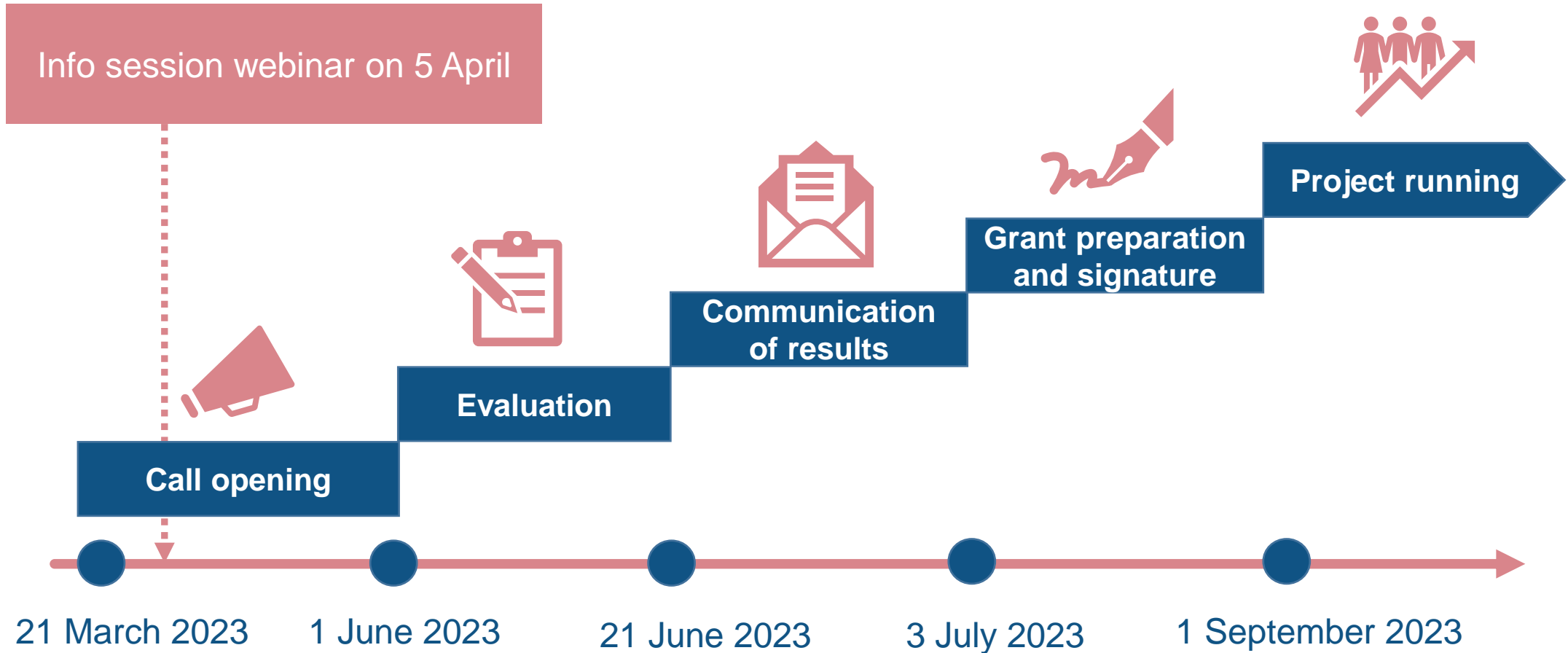
In **case of ties**, the following criteria will be used to rank the projects, by order:

- 1 Impact score
- 2 Implementation score
- 3 Excellence score
- 4 Priority to projects with partners coming from EU-13 countries
(Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Romania, Slovakia, Slovenia)

➤➤➤ **Ranking list of selected projects.** Up to 35 projects can be funded.



DREAM open call: calendar



DREAM open call: Links & contacts

Where can you find information and support:

- ▶ [Official call announcement](#)
- ▶ [Guide for Applicants, FAQ](#)
- ▶ [DREAM Application web site](#)

Contacts:

- ▶ General contact on the DREAM Open call: dream-opencall@pole-scs.org
- ▶ National contacts:



[@DREAMeucluster](https://twitter.com/DREAMeucluster)



[@DREAM Eurocluster](https://www.linkedin.com/company/dream-eurocluster)

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