EUROPEAN SERVICE NETWORK OF MATHEMATICS FOR INDUSTRY AND INNOVATION

EU-Maths-IN Success Stories on Application Driven Mathematics 2026

Collecting Success Stories

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1. Objectives

The main objective of collecting success stories is to **showcase the current state of industrial mathematics transfer** in Europe by presenting successful real-world collaborations with industry. Additionally, the experiences presented should serve as inspiration for other companies or organizations seeking ways to incorporate new innovations into their processes and decision-making.

The term **Success Story** refers to outcomes achieved in response to industrial demands and developed within the framework of a memorandum of understanding, contract, or competitively funded projects supported by industry.
In this context, following the definition adopted in the Forward Look for Mathematics in Industry[1], the term **"industry"** is used to denote business and commerce (including financial services and healthcare), research and development laboratories, and commercial and not-for-profit research, development, and production facilities, i.e., activities outside the realm of education and academic research.

EU-Maths-IN and its National Networks will work to disseminate these success stories to the many partners and public officials with whom we engage. These stories can also serve as effective tools when meeting with industry representatives and key decision-makers. A valuable approach to this dissemination includes sharing EU-Maths-IN success stories in print, on the website, and via social media. All collected success stories will be made available on the EU-Maths-IN website (https://eu-maths-in.eu/success-stories-by-

[1] European Science Foundation: *Forward Look on Mathematics and Industry* (2011). Available at https://eu-maths-in.eu/wp-content/uploads/FLMI-Report-final.pdf

productive-sector/), and also at the OpenDesk website (https://opendesk.eu-maths-in.eu/#success-stories).

The Success Stories e-book (https://eu-maths-in.eu/wp-content/uploads/success-stories-book_eu-maths-in.pdf) contains all the success stories collected before June 2026. The collection has now reached the milestone of fifty success stories, highlighting the breadth and impact of mathematics-driven innovation across Europe. It has two indexes: an index by productivity sector; and another one by EU-Maths-IN national networks. Once the process of this call has been completed, the accepted success stories will be incorporated into the e-book.

2. Requirements from authors

- Provide industrial mathematics success stories developed under a memorandum of understanding, contract, or competitive funded projects with industrial support and showcasing high-quality maths applications.
- The research team involved must be a Node of a National Network of EU-Maths-IN.
- Please keep in mind that a good success story is, above all, a compelling narrative. It should clearly demonstrate how mathematical tools have made a significant impact in an industrial context. It must go beyond a simple worksheet listing activities or results.
- A well-crafted success story should describe the positive changes achieved, how its outcomes are improving processes or products, and how these results are benefiting industry professionals and enhancing productivity. Whenever possible, it is also recommended to include a testimonial from the technicians or staff of the company or organization involved in the collaboration.

3. Template

The success stories template is available in this link. You can elaborate your own success story using the PowerPoint file provided.

Examples of success stories can be found at https://eu-maths-in.eu/success-stories-by-productive-sector/.

The ppt/pdf files will be transformed to the professional design layout for their publication in the e-book[2] and further dissemination. The e-book design will not imply any modification of the texts that have been included in the submitted .ppt/pdf file (and authorised by the company or organisation).

3.1. Template description

When writing a success story, the EU-Maths-IN template includes the following information:

- **Page 1**

[2] As approved by the EU-Maths-IN Council in 2023, the success stories publication may require the payment of a 90€ fee for their implementation in the e-book format.

- Project Title: Create a catchy title that is not too long and will interest the reader. Type of letter: Calibri. Size: 44pt. Colour: RGB (136,123,86).

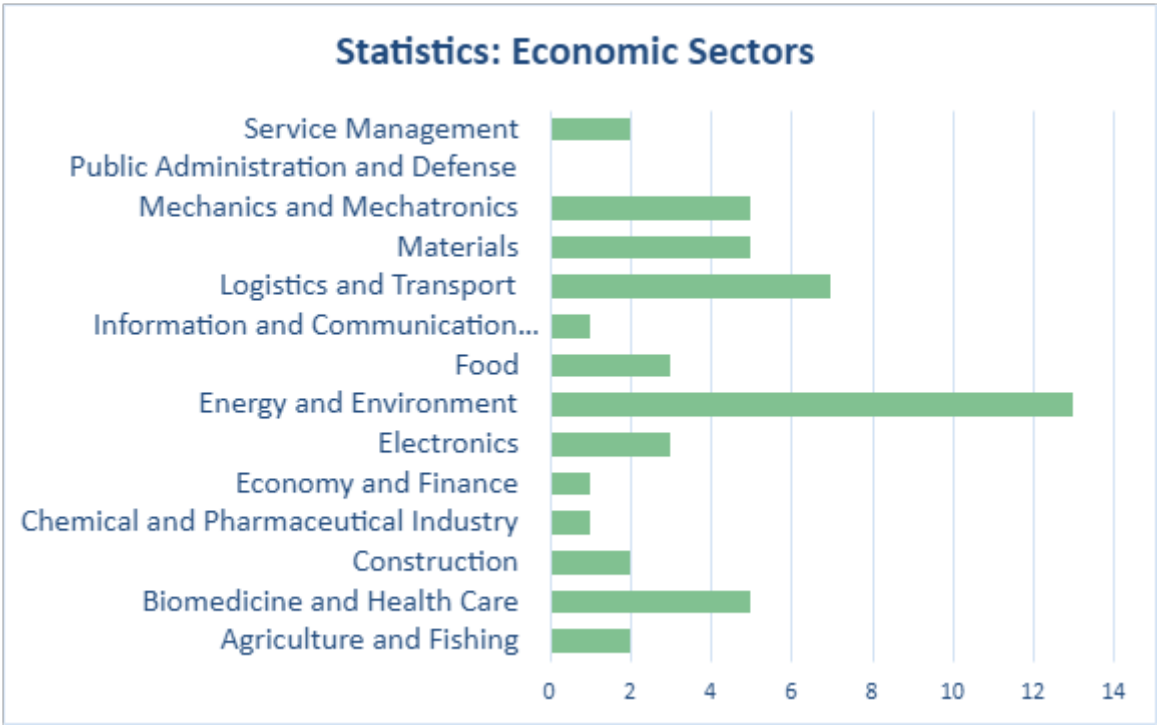
- Project subtitle: Include a subtitle of the problem if necessary. Type of letter: Calibri, cursive. Size: 24pt. Colour: RGB (129,193,145).

- Productive sector. Include the more appropriated economic sector between those provided in Table 1. Type of letter: Franklin Gothic Book. Size: 20pt. Colour: RGB (136,123,86).

ECONOMIC ACTIVITY SECTORS	
Agriculture and Fishing	Information and Communication Technology
Biomedicine and Health Care	Logistics and Transport
Construction	Materials
Chemical and Pharmaceutical Industry	Mechanics and Mechatronics
Economy and Finance	Public Administration and Defence
Electronics	Service Management
Energy and Environment	Textiles, Clothing and Footwear
Food	Other (specify)

Table 1: Productive sectors.

To encourage the development of new success stories in less represented productive sectors, Figure 1 presents the current distribution of available EU-Maths-IN success stories. We would greatly appreciate the submission of success stories from underrepresented sectors



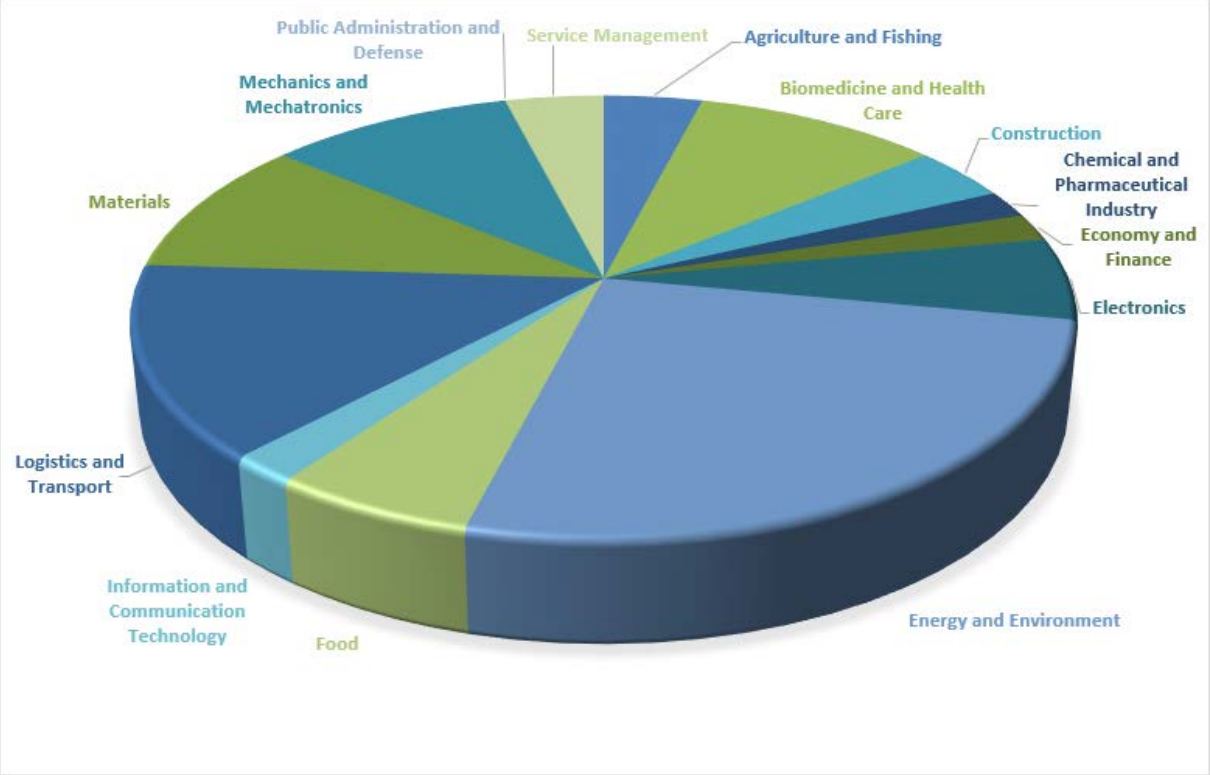


Figure 1. Distribution of EU-Maths-IN success stories per Productivity Sectors (June 2026).

- Problem description: Summarize in one phrase the problem to be solved posed by the involved company. Please, written it to wake up the interest to industrial stakeholders. Type of letter: Franklin Gothic Book. Size: 16pt. Colour: RGB (136,123,86).

- Mathematical and computational methods and techniques applied: Include the main mathematical techniques applied and the computational methods used. Type of letter: Franklin Gothic Book. Size: 16pt. Colour: RGB (136,123,86).

- Challenges & Goals: Summarize the main challenges and goals of the collaboration. Type of letter: Franklin Gothic Book. Size: 16pt. Colour: RGB (136,123,86).

- Some images with a text indicating what the images represent. Type of letter: Calibri. Size: 14 pt. Colour: RGB (136,123,86). For good digital dissemination, it is recommended that images are of the highest possible quality.

- **Page 2**
  - Results & Benefits to the company or organization: Summarize the main results of the collaboration and the benefits of each one of them for the company. Type of letter: Franklin Gothic Book. Size: 18pt. Colour: RGB (129,193,145).

- Some images with a text indicating what the images represent. Type of letter: Calibri. Size: 14 pt. Colour: RGB (136,123,86). For good digital dissemination, it is recommended that images are of the highest possible quality.

- Benefits: Indicate some impact factors of the benefits. Type of letter: Franklin Gothic Book bold. Size: 18pt. Use only bigger letter (22pt) in the words to highlight. Colour: RGB (136,123,86).
- Both in the Results & Benefits section and in the "Final conclusion", it would be of great value to include some testimony from the company.

- Research group data: Research group logo and/or the Scientific Center logo.

- The name of the involved National Network. Type of letter: Franklin Gothic Book, italic. Size: 18pt. Colour: RGB (136,123,86).

- Company data: Name and logo. Type of letter: Franklin Gothic Book. Size: 18pt. Colour: RGB (136,123,86).

- If the success story involves a Digital Twin tool, include the logo 

- More information: include a hyperlink to the icon information related with the success story. 

- On each page, the name of the national network to which the node belongs can be included vertically.

Remember:

- All template fields must be filled.
- The size of the letter is marked for each template box. No changes of letter size or size between lines or colours are allowed.
- Don't change the size of boxes more than a 15% each one just to allow an adequate adjustment to your figures or explanations.
- Don't change the colours of text or the slides background colour.

4. Submission

To submit a new success story as candidate to be incorporated to the EU-Maths-IN collection, the proposal must be sent by e-mail to the email address: success_stories@eu-maths-in.eu with the subject: NEW SUCCESS STORY PROPOSAL, accompanied by the documents:

- Documents .ppt and .pdf of the proposed success story.
- The images included in the ppt/pdf files in high resolution format.
- The authorization form (see template here) signed by the IP of the memorandum of understanding / contract / competitive project in which the collaboration was

carried out, as well as by the responsible at the company or organization involved in the collaboration.

While the submission of new success stories is open on a continuous basis, please note that a new edition of the Success Stories book is scheduled for release at the end of June 2027. To be considered for inclusion in this updated edition, success stories must be submitted by 20 February 2027.

5. Editorial Board

The Executive Board and the Success Stories Coordinator will decide on the inclusion of each submission in the EU-Maths-IN Success Stories collection.

Peregrina Quintela, October 2026
(EU-Maths-IN Success Stories Coordinator)

Approved by the EU-Maths-IN Executive Board on 9 October 2026.