



Project title International Cooperation Framework for Next Generation Engineering Students

Project acronym NextGEng

Project contract no. 2022-1-RO01-KA220-HED-000088365

### **NextGEng Project**

## **WP6** Dissemination and exploitation

# Deliverable R6.6 Articles and conference presentations

September 2025

















WP6.6	R6.6. Articles and conference presentations	
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Short Description	The report presents the scientific articles and conference presentations developed by consortium partners in connection with the project's planned activities and achieved results	
Status	Final	
Distribution level	Public	
Date of delivery	30/09/2025	
Contributions by:		
Project website	www.nextgeng.eu	

#### **Document History**

Version	Date	Author/Reviewer	Description
0.1	26.09.2025	Ciprian Lapusan First Draft	
		Petri Luosma	
	29.09.2025	Ruben Dorado	Review
		Silvia Satorres	
Final	30.09.2025	Ciprian Lapusan	Final Version
		Petri Luosma	

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#### 1. Introduction

The report presents the scientific articles and conference presentations developed by consortium partners in connection with the project's planned activities and achieved results. The aim was to create at least 6 scientific articles developed by HEIs in collaboration with company partners (each HEI publishes at least 2 scientific articles) and at least 9 national and/or international conference participation and presentations and/or posters (3 presentations per HEI).

















#### 2. Published scientific articles

During the implementation period of the NextGEng project, a number of 6 scientific articles were developed. The target value mentioned in the project proposal for scientific articles was 6. The published scientific articles are:

**Table 1.** Published articles

Nr. crt.	Title / Event /Journal	Author(s)	Open Access/ Web Link
1	(R6.6.1.a)	Satorres-Martínez, S., Jiménez-	[ <u>Link</u> ]
	Title: Sharing strengths to improve international	González, J. I ., Dorado-Vicente,	
	collaborative learning and teaching processes in	R., Muñoz-Cerón, E., Kakko,	
	higher education: the NextGEng project	A.,Lapusan, C	
	Conference: INTED2023 Proceedings, Valecnica,		
	Spain, pp. 2600-2605, 2023		
2	(R6.6.1.b)	Kakko, A	[ <u>Link</u> ]
	Title: International cooperation framework for		
	next generation engineering students		
	Conference: SEFI2023 Proceedings, Dublin,		
	Ireland, pp. 438-445, 2023		
3	(R6.6.1.c)	Dorado-Vicente, Rubén; Satorres-	[ <u>Link</u> ]
	Title: The NextGEng Project: First Steps of an	Martínez, Silvia; Jiménez-	
	International Co-Teaching Experience	González, José Ignacio; Martínez-	
	Conference: INDOTEC 2023, Granada, Spain, pp.	Gila, Diego Manuel; Kakko, Anneli;	
	67 - 72	Luosma, Petri; Lapusan, Ciprian;	
		Rad, Ciprian	
4	(R6.6.1.d)	Martínez, S. S., Gila, D. M.,	[Link]
	Title: Experiencia de coenseñanza internacional	Vicente, R. D., Rad, C., & Lapusan,	[ <u>Link</u> ]
	en asignaturas de Automática en el marco del	C.,	
	proyecto europeo NextGEng,		
	Jurnal: Jornadas de Automática, 2024		
5	(R6.6.1.e)	Violeta Firescu	[ <u>Link</u> ]
	Title: Increasing Collaboration Between Humans		
	and Technology Within Organizations: The Need		
·		1	i

















	for Ergonomics and Soft Skills in Engineering		
	Education 5.0.,		
	Journal: Sustainability, 2025		
6	(R6.6.1.f)	C. Lapusan, O. Hancu, S. Satorres	[ <u>Link</u> ]
	Title: Driving innovation in engineering through	Martínez, R. Dorado, E. Torres	
	international experiential learning projects	Jimenez, T.Malvisalo, C. Rad	
	Journal: Acta Tehnica Napocensis Series: Applied		
	Mathematics, Mechanics and Engineering, 2025		
	(accepted for publication)		

















#### 3. Conference presentations

During the implementation period of the NextGEng project, a number of 11 conference presentations were delivered. The target value mentioned in the project proposal for conference presentation was 9. The published scientific articles are:

**Table 2.** *Conference presentations* 









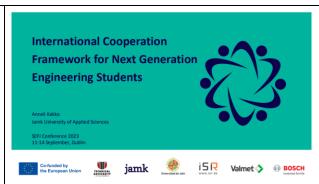














#### 4 (R6.6.2.d)

**Event:** 17th International Technology, Education and Development Conference (INTED2023) (https://iated.org/archive/inted2023)

**Title**: Sharing strengths to improve international collaborative learning and teaching processes in higher education: The NextGEng Project

Presenter: Silvia Satorres Martínez



#### 5 **(R6.6.2.e)**

**Event**: INDOTEC 2023 (VI Jornadas Internacionales sobre Innovación Docente en las Titulaciones Técnicas)

(https://etsiccp.ugr.es/la-escuela/noticias/indotec-2023)

Presentation title: The NextGEng Project: First Steps of an International Co-teaching Experience

Presenter: Ruben Dorado Vicente









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#### 6 (**R6.6.2.f**)

**Event**: 15th International Forum of Mechanical and Mechatronics Engineering (https://ifme2023.utcluj.ro/)

Title: Fostering excellence in engineering education through an international co-teaching

framework as part of NextGEng Project

Presenter: Ciprian Lapusan





#### 7 (R6.6.2.g)

Event: 15th International Forum of Mechanical and Mechatronics Engineering

(https://ifme2023.utcluj.ro/)

Presentation title: NextGEng Co-Teaching Pilot Program

Presenter: Ciprian Rad





#### 3 (**R6.6.2.h)**

Event: 15th International Forum of Mechanical and Mechatronics Engineering

(https://ifme2023.utcluj.ro/)

Presentation title: NextGEng - Cases for Experiential Learning (CEL) Projects

Presenter: Silvia Satorres Martínez





















#### 9 **(R6.6.2.i)**

**Event**: XV Finnish Mechanics Days – Session IFME - Education in the digital age and applied research (<a href="https://www.jamk.fi/en/project/welcome-to-the-xv-finnish-mechanics-days">https://www.jamk.fi/en/project/welcome-to-the-xv-finnish-mechanics-days</a>)

**Presentation title**: Cases of Experiential Learning projects: A successful model for HEI student-company cooperation

Presenter: Silvia Satorres Martínez and Anneli Kakko





#### 10 (**R6.6.2.**j)

**Event**: XV Finnish Mechanics Days – Session IFME - Education in the digital age and applied research (<a href="https://www.jamk.fi/en/project/welcome-to-the-xv-finnish-mechanics-days">https://www.jamk.fi/en/project/welcome-to-the-xv-finnish-mechanics-days</a>)

**Presentation title**: Experiences of international co-teaching in a European higher education context

Presenter: Petri Luosma and Tarja Moilanen



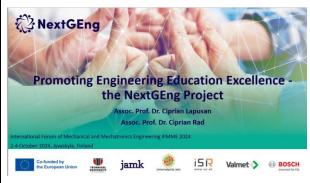


#### 11 (R6.6.2.k)

**Event**: XV Finnish Mechanics Days – Session IFME - Education in the digital age and applied research (<a href="https://www.jamk.fi/en/project/welcome-to-the-xv-finnish-mechanics-days">https://www.jamk.fi/en/project/welcome-to-the-xv-finnish-mechanics-days</a>)

Title: Promoting Engineering Education Excellence - the NextGEng Project

Presenter: Ciprian Lapusan





















#### 4. Conclusion

As part of the dissemination activity, the consortium partners have published a number of 6 scientific papers. The project partners delivered a total of 11 conference presentations in international events, sharing the project activities' results and good practices to a wide audience outside the consortium.

In Table 3, the obtained quantitative and qualitative indicators are presented. It can be observed that all indicators were achieved.

Table 3. Qualitative and quantitative indicators for A6.6

Indicator	Qualitative/Quantitative indicators	Result
code		
Q1	- the degree in which the produced material follows the Dissemination Plan (make reference to the grant and source of funding; make reference to the project activities and results)	- achieved 100%  Details: all papers mentioned the grant and source funding; all papers presents activities and results from the project
Q2	- degree of acceptance for publication/presentation	- achieved 100%  Details: all papers reported as results were published or accepted for publication; all conference presentations were accepted (included in the events program) and were delivered by project members
Q3	- at least 6 articles	- achieved 100%  Details: a total of 6 conference papers were published
Q4	- at least 9 national and/or international conference presentations and/or posters	- achieved 100%  Details: 11 conference presentation were delivered











