



Co-funded by
the European Union



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
Authors	Ciprian Lapusan, Petri Luosma
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 Petri Luosma	First Draft
	29.09.2025	Ruben Dorado Silvia Satorres	Review
Final	30.09.2025	Ciprian Lapusan Petri Luosma	Final Version

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them.



Table of Contents

1. Introduction.....	4
2. Published scientific articles.....	5
3. Conference presentations	7
4. Conclusion	11



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



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





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







Nr. crt.	Conference Details
1	<p>(R6.6.2.a)</p> <p>Event: 14th International Forum of Mechanical and Mechatronics Engineering (IFMME2022) (https://ifme2022.com/)</p> <p>Title: International Cooperation Framework for Next Generation Engineering Students</p> <p>Presenter: Ciprian Lapusan</p>   <p>IFMME22, Jaen, Spain</p> <p>Co-funded by the European Union jamk Universidad de Jaén iSR Valmet BOSCH</p>
2	<p>(R6.6.2.b)</p> <p>Event: The 16th annual International Conference of Education, Research and Innovation (ICERI 2023) - (https://iased.org/archive/iceri2023)</p> <p>Title: International Cooperation Framework for Next Generation Engineering Students</p> <p>Presenter: Anneli Kakko</p>   <p>Anneli Kakko Jamk University of Applied Sciences</p> <p>Co-funded by the European Union jamk Universidad de Jaén iSR Valmet BOSCH</p>
3	<p>(R6.6.2.c)</p> <p>Event: SEFI Conference 2023 - Engineering Education for Sustainability (https://www.sefi2023.eu/)</p> <p>Title: International Cooperation Framework for Next Generation Engineering Students</p> <p>Presenter: Anneli Kakko</p>



	 
4	<p>(R6.6.2.d)</p> <p>Event: 17th International Technology, Education and Development Conference (INTED2023) (https://iated.org/archive/inted2023)</p> <p>Title: Sharing strengths to improve international collaborative learning and teaching processes in higher education: The NextGEng Project</p> <p>Presenter: Silvia Satorres Martínez</p> 
5	<p>(R6.6.2.e)</p> <p>Event: INDOTEC 2023 (VI Jornadas Internacionales sobre Innovación Docente en las Titulaciones Técnicas) (https://etsiccp.ugr.es/la-escuela/noticias/indotec-2023)</p> <p>Presentation title: The NextGEng Project: First Steps of an International Co-teaching Experience</p> <p>Presenter: Ruben Dorado Vicente</p> 



6	<p>(R6.6.2.f)</p> <p>Event: 15th International Forum of Mechanical and Mechatronics Engineering (https://ifme2023.utcluj.ro/)</p> <p>Title: Fostering excellence in engineering education through an international co-teaching framework as part of NextGEng Project</p> <p>Presenter: Ciprian Lapusan</p> <div data-bbox="260 450 884 797">  <p>Fostering excellence in engineering education through an international co-teaching framework as part of NextGEng Project</p> <p>Ciprian Lapusan Technical University of Cluj-Napoca</p> <p>IFME 2023, Cluj-Napoca, Romania</p> <p>Co-funded by the European Union      </p> </div> 
7	<p>(R6.6.2.g)</p> <p>Event: 15th International Forum of Mechanical and Mechatronics Engineering (https://ifme2023.utcluj.ro/)</p> <p>Presentation title: NextGEng Co-Teaching Pilot Program</p> <p>Presenter: Ciprian Rad</p> <div data-bbox="240 1025 874 1373"> <p>International Cooperation Framework for Next Generation Engineering Students</p> <p>NextGEng Co-Teaching Pilot Program</p> <p>Ciprian RAD Technical University of Cluj-Napoca</p> <p>IFME, 21 November 2023, Cluj-Napoca, TUCN</p> <p>Co-funded by the European Union      </p> </div> 
8	<p>(R6.6.2.h)</p> <p>Event: 15th International Forum of Mechanical and Mechatronics Engineering (https://ifme2023.utcluj.ro/)</p> <p>Presentation title: NextGEng - Cases for Experiential Learning (CEL) Projects</p> <p>Presenter: Silvia Satorres Martínez</p> <div data-bbox="240 1603 890 1951"> <p>NextGEng International Cooperation Framework for Next Generation Engineering Students</p> <p>NextGEng - Cases for Experiential Learning (CEL) Projects</p> <p>Silvia Satorres Martínez 15th International Forum of Mechanical and Mechatronics Engineering November 21, 2023, Cluj-Napoca, Romania</p> <p>Co-funded by the European Union      </p> </div> 

9	<p>(R6.6.2.i)</p> <p>Event: XV Finnish Mechanics Days – Session IFME - Education in the digital age and applied research (https://www.jamk.fi/en/project/welcome-to-the-xv-finnish-mechanics-days)</p> <p>Presentation title: Cases of Experiential Learning projects: A successful model for HEI student-company cooperation</p> <p>Presenter: Silvia Satorres Martínez and Anneli Kakko</p>  
10	<p>(R6.6.2.j)</p> <p>Event: XV Finnish Mechanics Days – Session IFME - Education in the digital age and applied research (https://www.jamk.fi/en/project/welcome-to-the-xv-finnish-mechanics-days)</p> <p>Presentation title: Experiences of international co-teaching in a European higher education context</p> <p>Presenter: Petri Luosma and Tarja Moilanen</p>  
11	<p>(R6.6.2.k)</p> <p>Event: XV Finnish Mechanics Days – Session IFME - Education in the digital age and applied research (https://www.jamk.fi/en/project/welcome-to-the-xv-finnish-mechanics-days)</p> <p>Title: Promoting Engineering Education Excellence - the NextGEng Project</p> <p>Presenter: Ciprian Lapusan</p>  

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 code	Qualitative/Quantitative indicators	Result
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% <i>Details:</i> 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% <i>Details:</i> 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% <i>Details:</i> a total of 6 conference papers were published
Q4	- at least 9 national and/or international conference presentations and/or posters	- achieved 100% <i>Details:</i> 11 conference presentation were delivered