













<b>FUNDING PROGRAMME:</b> Erasmus+ Erasmus+ programme of the European Union Partnerships for Innovation	
<b>PROJECT TITLE/ACRONYM:</b> Advancing industrial digital and green innovations in the advanced textile industry through innovation in learning and training /AddTex	
<b>AGREEMENT NO.:</b> 101056303	
<b>TOTAL PROJECT BUDGET:</b> 1.499.999 EUR	<b>INCDTP'S BUDGET:</b> 83.830 EUR
<b>START DATE:</b> 01/07/2022	<b>END DATE:</b> 30/06/2025
<b>WEBPAGE:</b> <a href="http://www.addtex.eu">www.addtex.eu</a>	
<b>PARTNERS:</b>	
	<b>AEI TÈXTILS (ES) - COORDINATOR (ES)</b>
	<b>CIAPE - Centro italiano per l'Apprendimento Permanente (IT)</b>
	<b>CITEVE (PT)</b>
	<b>CLUTEX (CZ)</b>
	<b>CRE.THI.DEV. (GR)</b>
	<b>National Research &amp; Development Institute for Textiles and Leather (RO)</b>
	<b>IVGT e.V. (DE)</b>
	<b>PIN SCRL (IT)</b>
	<b>IDEAM Cluster (IE)</b>
	<b>TITERA (SI)</b>
	<b>University of Borås (SE)</b>
	<b>Universitat Politècnica de Catalunya BarcelonaTech (UPC) (ES)</b>
<b>GENERAL OBJECTIVES:</b>	
AddTex Erasmus+ project aimed to create innovative training and learning materials in the field of advanced textile materials, and stimulate a sense of initiative and entrepreneurship in learners and workers, and reinforce the role of clusters as bridges between the world of education and businesses.	
<b>SPECIFIC OBJECTIVES:</b>	
<ul style="list-style-type: none"> <li>• to facilitate the flow and co-creation of knowledge between higher education (HEI) and vocational education and training (VET), research, public sector and business sector within the advanced textile materials sector to foster new, innovative and multidisciplinary approaches to teaching and learning.</li> <li>• to stimulate a sense of initiative and entrepreneurial attitudes, mindsets and skills in learners, educational staff and other workers, in line with the Green Deal and Entrepreneurship Competence Framework.</li> </ul>	
<b>SCIENTIFIC CONCEPT:</b>	
AddTex Erasmus+ aimed to co-create multiple outputs, including a Massive Open Online Course (MOOC) and its associated training platform, a mobility programme, and new hubs for industry upskilling.	
<b>OBTAINED RESULTS:</b>	
<ul style="list-style-type: none"> <li>✓ 9 courses developed (courses about smart, digital and green transitions for Technicians and Graduates, Engineers and Professionals or Managers and Mentors)</li> <li>✓ 45 video lessons recorded</li> <li>✓ 9 case studies developed (1 for each course)</li> <li>✓ 54 quizzes (5 quizzes for each lesson, plus one quiz for each case study)</li> <li>✓ INCDTP developed the analysis of the textile &amp; leather sector concerning the green-smart-digital technologies implemented in Romanian SMEs and HEI;</li> <li>✓ Researchers (Aileni Raluca Maria, Stroe Cristina, Radulescu Razvan, Sarbu Teodor, Grosu Catalin) from</li> </ul>	

INCDTP were involved in the development of 6 course modules:

1. Data Acquisition, Visualisation and Analytics (for Managers and Mentors), Author: **Aileni Raluca Maria**, Trainer: **Aileni Raluca Maria**
2. Data Acquisition, Visualisation and Analytics - Mathematical methods to process experimental data (for Engineers and Professionals), Authors: **Radulescu Razvan Ion**; Trainer: **Radulescu Razvan Ion**
3. Data Acquisition, Visualisation and Analytics (for Technicians and Graduates), Authors: **Aileni Raluca Maria**, **Radulescu Razvan**; Trainer: **Aileni Raluca Maria**
4. Innovations linked to smart/intelligent textiles (for Managers and Mentor), Authors: **Aileni Raluca Maria**, **Radulescu Razvan Ion**; Trainer: **Aileni Raluca Maria**
5. Innovations linked to smart/intelligent textiles (for Engineers and Professionals), Authors: **Stroe Cristina**, **Radulescu Razvan**; Trainer: **Radulescu Razvan**
6. Innovations linked to smart/intelligent textiles (for Technicians and Graduates), Authors: **Stroe Cristina**, **Radulescu Razvan**, **Sarbu Teodor**, **Grosu Catalin**; Trainer: **Radulescu Razvan Ion**
  - ✓ INCDTP organised a Workshop ADDTEX MeetUp on 7.11.2022
  - ✓ INCDTP organised a first Living Lab ADDTEX Erasmus+, organised in 16/12/2022, online (Google Meet)
  - ✓ INCDTP organised a second Living Lab ADDTEX Erasmus+, organised in 19/12/2022, online (Google Meet)
  - ✓ Researchers from INCDTP contributed to deliverable D2.4. Mobility Report
  - ✓ Researchers from INCDTP contributed to the Handbook of the Future of Work Best Practices (<https://www.addtex.eu/wp-content/uploads/2024/11/HANDBOOK-original.pdf>)

#### DISSEMINATION:

- **WoS published papers:**

**Aileni R.M., Radulescu R.**, A new method for developing interactive courses in smart textiles", Industria Textila, ISSN 1222-5347

- **BDI published papers:**

1. **Aileni R. M, Stroe C.E., Sarbu T.**, Romanian textile industry in the context of green, digital and smart transitions, ANNALS OF THE ORADEA UNIVERSITY, FASCICLE OF TEXTILES, LEATHERWORK, volume 24, issue 2, 2023, pp. 5-10

2. **Aileni R. M, Radulescu R. I., Marin C. A.**, Digital transition for Romanian textile industry, Annals of the University of Oradea. Fascicle of Textiles, Leatherwork, vol. 25, no. 1, pp.5-10, ISSN 1843 – 813X

- **Scientific communications:**

1. Project presentation on [www.incdtp.ro](http://www.incdtp.ro) (<https://www.incdtp.ro/pdf/proiecte/ADDTEX.pdf>)

2. Rollup & Flyers presentation during the workshop "Inovație accelerată în domeniul textilelor inteligente prin proiectare și fabricație bazată pe metode creative" organized by INCDTP in 15/12/2022

3. AddTex project presentation in Industria Textila 2023

([http://revistaindustriatextila.ro/images/innercovers/cop23\\_2023\\_01.pdf](http://revistaindustriatextila.ro/images/innercovers/cop23_2023_01.pdf))

4. ADDTEX presentation, Industria Textila, vol 76, issue 6/2024

([http://revistaindustriatextila.ro/images/innercovers/cop23\\_2024\\_06.pdf](http://revistaindustriatextila.ro/images/innercovers/cop23_2024_06.pdf))

5. ADDTEX presentation, Industria Textila, vol 76, issue 2/2025

([https://www.revistaindustriatextila.ro/images/innercovers/cop23\\_2025\\_02%20web.pdf](https://www.revistaindustriatextila.ro/images/innercovers/cop23_2025_02%20web.pdf))

6. AddTex project presentation (Leaflet, Flyer, postcard), International Exhibition of Innovation and Invention EURO POLITEHNICUS, 22-23/11/2024, Bucharest, Romania

7. **Aileni R. M.**, Inovații green-smart-digital în domeniul textil (Proiect Erasmus+ ADDTEX), workshop "Abordări inovative pentru dezvoltarea materialelor textile avansate pentru provocări societale - 2026 în contextul tranziției la o economie digitală, sustenabilă pe bază de soluții inteligente" organized by INCDTP, Bucharest in 10/03/2023

8. **Aileni R. M., Rădulescu R. I., Sârbu T., Jomir C., Jomir M., Grosu C., Stroe C.**, Textile inteligente în contextul tranziției digitale, tranziției verzi, tranziției inteligente, workshop "Soluții inovative de dezvoltare accelerată a materialelor textile avansate pe bază de tehnologii digitale" organized by INCDTP, Bucharest in 26/04/2023

9. **Aileni R. M, Sarbu T., Radulescu R.**, Smart textiles in the context of smart-green-digital transition, 6th

International Conference EmergeMat, Book of abstract Emergemat 2023, pp.25, <https://imnr.ro/wp/wp-content/uploads/Book-of-Abstracts-EmergeMAT-2023.pdf>

**10. Aileni R. M.**, Achiziția, vizualizarea și analiza datelor din cercetare (Proiect Erasmus+ ADDTEX), workshop "Inovare accelerată prin intermediul materialelor textile avansate în contextul tranziției smart-green-digital" organized by INCDTP, Bucharest, 10/11/2023

**11. Aileni R. M.**, Inovații în domeniul textilelor inteligente (Proiect Erasmus+ ADDTEX), workshop "Inovare accelerată prin intermediul materialelor textile avansate în contextul tranziției smart-green-digital" organized by INCDTP, Bucharest, 10/11/2023

**12. Aileni R. M., Radulescu R. I.**, A new approach for development of the interactive e-learning courses for smart textiles, The 10th International Conference on Advanced Materials and Systems ICAMS 2024

**13. Aileni R. M.**, Inovarea în educație contextul tranziției digitale (ADDTEX), Workshop "Sustenabilitate si inovare in domeniul materialelor textile avansate", organised by INCDTP, Bucharest, Romania, 25 October 2024

**14. Aileni R. M.**, Metode de inovare interactivă – business models (ADDTEX), Workshop "Sustenabilitate si inovare in domeniul materialelor textile avansate", organised by INCDTP, Bucharest, Romania, 25 October 2024

**15. Aileni R. M.**, ADDTEX MOOC - metode interactive de invatare (ADDTEX Erasmus+), Workshop "Materiale textile innovative, tehnologii digitale si solutii durabile pentru provocarile legate de mediu, sanatate si rezilienta la dezastre", organised by INCDTP, Bucharest, Romania, 15 November 2024

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