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| FUNDING PROGRAMME: Erasmus+ KA 2 Strategic Partnership for Higher Education | |
| PROJECT TITLE/ACRONYM: Textile Strategy for Innovative Higher Education/TEXSTRA | |
| AGREEMENT NO.: 2017-1-RO01-KA203-037289 | |
| TOTAL PROJECT BUDGET: 254.679,87 EUR | INCDTP'S BUDGET: 25.656 EUR |
| START DATE: 01/09/2017 | END DATE: 29/02/2020 |
| WEBPAGE: www.texstra.eu | |
| PARTNERS: <div>  INCDTP (Romania) - Coordinator  AEI TEXTILS (Spain)  CIAPE (Italy)  CRE.THI.DEV (Greece)  ITTI (Bulgaria)  KTU (Lithuania)  MCI (Italy)  TEIP (PUAS) (Greece)  TUIASI (Romania)  UMINHO (Portugal) </div> | |
| GENERAL OBJECTIVES: TEXSTRA Erasmus+ project aimed to bring together the main stakeholders within the textile sector (universities, research institutes, students, SMEs) to promote and contribute to the transferring research and innovation knowledge to students & trainees of the textile/clothing Sector via project based learning. | |
| SPECIFIC OBJECTIVES: <ul style="list-style-type: none"> • To favour the application of creative and innovative thinking among university textile students • To foster the collaboration among HEIs and companies in the field of training and education • To foster textile & clothing manufacturing university students capacities to operate at transnational level • To transfer research, innovation knowledge to students of the textile & clothing manufacturing sector through blended learning and flipped classrooms. | |
| SCIENTIFIC CONCEPT: TEXSTRA Erasmus+ had the purpose to involve different stakeholders (research institutes, universities, SMEs) and transfer research and innovation knowledge to students of the textile/clothing Sector via project based learning contributing to increase the efficiency and competitiveness of EU textile small and medium enterprises. | |
| INTELLECTUAL OUTPUTS: O2 – Training program and e-learning content for transferring research and innovation (TEXSTRA e-book) | |

O3 - The online platform for transferring research and innovation through project based training
O5 - The Book of lectures 'Innovative and Creative thinking in the Textile & Clothing manufacturing sector'
O6 - Project handbook of good practices & open challenges: training tools and methodologies to foster creativity and innovation within the textile and clothing manufacturing sector

OBTAINED RESULTS:

- ✓ Texstra Platform www.texstra.eu
- ✓ In the intellectual output O2, the researchers (Aileni Raluca Maria, Chiriac Laura, Surdu Lilioara, Radulescu Ion Razvan) from INCOTP contributed with 3 subchapters:
 1. Aileni R.M., E-Textile manufacturing
 2. Chiriac L., Radulescu R.I., Environmental Management Systems and environmental impact of textile processes
 3. Surdu L., Radulescu R.I., Aileni R.M., Textile functionalization by plasma technology.
- ✓ In the intellectual output O5, the researchers contributed in Lecture 2: Processes - Advanced Textile Technology
- ✓ In the intellectual output O6 researchers from INCOTP contributed with 1 open challenge example (Aspects concerning acceleration of the innovation in advanced textile materials through advanced technologies and processes (RF plasma, microwave, and 3D printing (3D-Electrotex)).
- ✓ e-Book 'Textile Strategy for Innovative Higher Education'
- ✓ Book of Lectures "Innovative and Creative thinking in the Textile & Clothing manufacturing sector"
- ✓ Project handbook of good practices & open challenges: training tools and methodologies to foster creativity and innovation within the textile and clothing manufacturing sector
- ✓ Need analysis and state of the art report: transferring research and innovation in the textile & clothing manufacturing sector
- ✓ Multiplier event E2 organised by KTU in Lithuania
- ✓ Multiplier event E3 organised by MCI in Italy
- ✓ Multiplier event E4 organised by UMINHO in Portugal
- ✓ Multiplier event E5 organised by ITTI in Bulgaria
- ✓ Multiplier event E6 organised by TUIASI in Romania
- ✓ Multiplier event E7 organised by CRETHIDEV in Greece
- ✓ Intensive study programme (C1) organized in Portugal by partner UMINHO in 15-19 July 2019
- ✓ Workshop "Textile Strategy for Innovative Higher Education by Advanced Materials & Skills Development", organised by INCOTP in 27/02/2020

DISSEMINATION:

- **WoS published papers:**
 1. Aileni R.M., Chiriac L., Surdu L., Radulescu R.I., Field research and methodologies for textile industry innovation in the context of European economy", Industria Textila, vol 71, no.1/2020
- **Scientific communications:**
 1. Project presentation (poster) in the event 'CENTENAR AGIR', Iasi, 2018;
 2. Project presentation (flyers) Innovat & Match, Bologna, Italy, 2018;
 3. Aileni R.M., Chiriac L., Surdu L., Radulescu R., Advanced materials manufacturing - pillar for textile higher education strategy development, Seminar "Textile and Leather Industry – from tradition to sustainability by Research-Development-Innovation, Romexpo, Bucharest, 2018
 4. Aileni R.M., Chiriac L., Radulescu R., Surdu L., The perspective for higher education in the textile field through a multi-disciplinary approach, Seminar "SCIENTIFIC RESEARCH FROM TEXTILE - LEATHER ACHIEVEMENTS AND TRENDS" MODEXPO, September 2019.
 5. Aileni R.M., Perspectives in course support development for advanced textile materials - Texstra Erasmus+, Workshop "Innovative achievements and perspectives on advanced materials with electroconductive properties development.", INCOTP, 22 October 2019

CONTACT PERSON: Project Manager: Dr. Eng. Aileni Raluca Maria, CS I (R4), info@texstra.eu

Department of Research in Textile Materials Engineering & Processes