

## PROJECT PRESENTATION

<b>1.</b>	<b>Program Title</b>	ERASMUS+
<b>2.</b>	<b>Call Title</b>	Knowledge Alliances
<b>3.</b>	<b>Project Title</b>	New skills for the design of drastically improved comfort, sustainable, fashion oriented and scientifically-led footwear products - SciLED
<b>4.</b>	<b>Project ID</b>	601137-EPP-1-2018-RO-EPPKA2-KA
<b>5.</b>	<b>Project coordinator/ manager</b>	Prof. Aura Mihai – Beneficiar - DIMA
<b>6.</b>	<b>Consortium (if any)</b>	<ul style="list-style-type: none"> <li>• UNIVERSITATEA TEHNICA GHEORGHE ASACHI DIN IASI</li> <li>• UNIVERSIDAD MIGUEL HERNANDEZ DE ELCHE</li> <li>• UNIVERSITY PANEPISTIMIO AIGAIUO</li> <li>• Centro Tecnológico do Calçado de Portugal</li> <li>• ACTIV ORTOPEDIC SRL</li> <li>• CREATIVE THINKING DEVELOPMENT</li> <li>• CONFEDERATION EUROPEENNE DE L'INDUSTRIE DE LA CHAUSSURE</li> <li>• POLITECNICO DI MILANO</li> <li>• VIBRAM SPA</li> <li>• KLAVENESS FOOTWEAR SA</li> <li>• INSTITUTO TECNOLOGICO DEL CALZADO Y CONEXAS</li> <li>• ELSEVIE</li> <li>• EVATHINK</li> <li>• Virtual Campus</li> </ul>
<b>7.</b>	<b>Project budget – Total value (Lei/Euro)</b>	777.853,00 euro (3.627.129,00 lei)

<b>8.</b>	<b>Project budget – TUIASI value (Lei/Euro)</b>	
<b>9.</b>	<b>Implementation period</b>	01.11.2018 – 31.12.2021
<b>10.</b>	<b>Main objective/s</b>	<ul style="list-style-type: none"> <li>• Incorporation of comfort and sustainability in product life-cycle.</li> <li>• Analysis of the parameters that affect footwear quality with respect to sustainability, comfort and performance.</li> <li>• To stimulate the collaboration of higher education and research institutes</li> <li>• Utilization of existing state-of-the-art technologies and computer-based tools for the determination of footwear comfort parameters using human bio models and simulation scenarios.</li> <li>• Refining and improving the curricula for the professions of Footwear Designer and Product Manager.</li> <li>• Provision of the produced accredited “educational package” to the allied Universities as complementary material for the enrichment of their current undergraduate or graduate programmes.</li> <li>• Organization of 5 joint seminars/workshops on five partner countries with 100 trainees/participants coming from the industry and/or universities.</li> <li>• Organizing a Mobility Action with 12 students and 8 mentors/ staff from partners</li> </ul>
<b>11.</b>	<b>Project activity/es</b>	<ul style="list-style-type: none"> <li>• Analysis of footwear comfort and sustainability</li> <li>• Analysis of current qualifications</li> <li>• Footwear designer and production product manager EQF definition</li> <li>• Educational Package</li> <li>• Piloting. Flow and exchange of knowledge between higher education and enterprises</li> <li>• Evaluation and Quality Management</li> </ul>

		<ul style="list-style-type: none"> <li>• Dissemination and exploitation of results</li> </ul>
<b>12.</b>	<b>Project result/s</b>	<ul style="list-style-type: none"> <li>• Guidelines for research and reporting</li> <li>• Research on installed capacity to identify critical aspects of the footwear comfort, quality and sustainability</li> <li>• Categorization of footwear according to comfort requirements</li> <li>• Definition of comfort and sustainability parameters according to footwear categorization</li> <li>• Review of the role of materials and special sole structures in footwear comfort and sustainability</li> <li>• Review of computational tools and equipment for determining comfort parameters</li> <li>• Review of skills and competences of footwear designers and product managers</li> <li>• Review of current learning tools and methods including providers</li> <li>• Determination of required qualifications for addressing comfort and sustainability issues</li> <li>• First definition of the EQFs</li> <li>• Testing and improving of the EQFs (report)</li> <li>• Final version of the EQFs</li> <li>• Proposal for accreditation in national institutions</li> <li>• Development of modular courses and training material</li> <li>• Development of online tools and web-based material</li> <li>• Development of videos</li> <li>• Development of demonstration guidelines (project work)</li> <li>• Development of best practices/ study case</li> <li>• Translation of educational package (amendments and cumulative report)</li> <li>• Virtual Fab Lab</li> <li>• Workshop/seminar for Designers and Product Managers in Romania</li> <li>• Workshop/seminar for Designers and Product Managers in Portugal</li> <li>• Workshop/seminar for Designers and Product Managers in Italy</li> <li>• Workshop/seminar for Designers and Product Managers in Spain</li> <li>• Report on Team Work-Prototyping on Virtual Fab Lab</li> <li>• Report on common Mobility action with student, mentors and trainers in CTCP Fab Lab</li> </ul>

		<ul style="list-style-type: none"> <li>• Methodology for quality management</li> <li>• Internal evaluation meetings</li> <li>• Evaluation report - midterm</li> <li>• Evaluation reports - final</li> <li>• Validation of EQFs - workshop</li> <li>• Validation of Educational Package</li> <li>• Promotional materials: logo, fact sheet, poster, leaflet</li> <li>• Dedicated web portal</li> <li>• 4 Newsletters</li> <li>• Competitive advantages of partnerships with higher education institutions, research and business centres</li> <li>• Agreement for project sustainability and exploitation of results</li> <li>• Final Seminar for mixed audience of academics-trainers, designers/technicians and managerial staff</li> <li>• Dissemination Plan and Reports,</li> </ul>
13.	<b>Project website (if any)</b>	<a href="http://sciled.eu/en/home/">http://sciled.eu/en/home/</a>
14.	<b>Project photo/s (if any)</b>	<a href="https://www.facebook.com/SciLedProject">https://www.facebook.com/SciLedProject</a> 