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Consortium:

Leader: Gheorghe Asachi
Technical University of Iași
(Romania)



European Confederation of the
Footwear Industry - CEC
(Belgium)



Confédération Européenne de la Chaussure
European Footwear Confederation

Centro Tecnológico do Calçado de Portugal -CTCP (Portugal)



Instituto Tecnológico del Calzado y Conexas - INESCOPE (Spain)



Evathink, S.L. (Spain)



Universitas Miguel Hernandez
(Spain)



University of the Aegean
(Greece)



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Vibram (Italy)



Klaveness (Portugal)



Virtual Campus (Portugal)



ELSEVIE (Greece)



Science Led Shoe

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SciLED - Footwear in the 21st century: New skills for the design of drastically improved comfort, sustainable, fashion-oriented and scientifically-led footwear products

Description

The project aims to equip the sector with updated high-level skills required to meet the increasing consumer demands for personalised, differentiated and sustainable products, and at the same time, to make the related job openings more attractive to young people with modern curricula and innovative learning methods. Through specific training modules and innovative methodologies, workers will be upskilled and will develop the necessary competences for the current and new occupations required by the labour market.

Objectives

- To analyse the product life-cycle and the parameters that affect footwear quality with respect to sustainability, comfort and performance
- To introduce technologies and innovative computer-based tools such as human-bio models and simulation scenarios
- To implement adapted educational training programmes
- To collaborate for a higher education and research institutes with companies
- To refine and improve the curricula of a Footwear Designer and a Product Manager

Expected Outcomes

- A new profile in line with European Qualifications Framework (EQF) and corresponding educational material to produce an improved high-performant product
- Improved and modernised training modules to support the new profile for current and future employees working as Footwear Product Managers
- Incorporation of new knowledge into the design process in order to provide a scientific basis for drastically improved sustainable and comfortable products
- A more comfortable, personalised and sustainable footwear in line with a decarbonised economy, which will ameliorate the consumers' living standards as well as contribute to fight climate change
- Enhanced attractiveness of the footwear sector among young workers and innovative learning methods

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Contacts

Lead Partner:

Gheorghe Asachi Technical University of Iasi
www.tuiasi.ro
Bd. D. Mangeron no. 67
700050 Iași (Romania)

Communication:

European Footwear Confederation
www.cec-footwearindustry.eu
Rue de la Science 14b
1040 Brussels (Belgium)