

COORDINATED BY:



**INESCOP**

Pol. Ind. Campo Alto  
Apto. Correos 253  
03600 Elda  
Alicante  
inescop@inescop.es  
Tel. 965 395213



Educación y cultura

Leonardo da Vinci



**INESCOP**

INSTITUTO TECNOLÓGICO  
DEL CALZADO Y CONEXAS

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# SHOES INNOVA



Promoting a European  
Cooperation Area for education  
and vocational training



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## SHOES INNOVA

### SHOES INNOVA

This project is co-funded by the Leonardo da Vinci programme, which is aimed at promoting the implementation of vocational training policies throughout the European Union. The objective of the SHOES INNOVA project is to develop a training system that allows the creation of a European cooperation area for education and vocational training.

The project is based on multimedia applications, since ICTs will be used to improve the technical, business, managerial and communication skills of workers.

### SHOES INNOVA OBJECTIVES

The main objective of the project is to create a European cooperation framework for the training of footwear SMEs, as well as:

1. To identify the new training needs of the European footwear sector workers by means of a matrixial analysis methodology, considering the existing lifelong training programmes and the new learning needs based on Technology Foresight.
2. To develop the learning methodology and the contents of the training modules that will be adapted to a virtual platform.
3. To experimentally apply the training proposal. Selection of teachers with regard to the contents of the training modules and selection of beneficiaries. The pilot experience will be experimentally launched in several languages: English, Italian, Spanish and Slovenian.

### TRAINING MODULES

#### MODULE 1:

#### COMPUTER-AIDED FOOTWEAR PATTERN MAKING (2D AND 3D)

##### Addressed to:

Technicians of the European footwear sector.

##### Objectives:

To train footwear designers/pattern-makers on the use of CAD systems through the 3D design of the model and its conversion into 2D.

##### Contents:

- Digitisation of lasts
- Conversion of 3D into 2D
- Reference elements
- Operations with lines
- Definition of pieces
- Elements in pieces
- Configuration, visualization and layers
- Management of cutting operations

#### MODULE 2:

#### ELECTRONIC DATA EXCHANGE IN THE FOOTWEAR INDUSTRY

##### Addressed to:

Technicians of the European footwear sector.

##### Objectives:

To train footwear technicians on the available tools for the exchange of data through XML electronic documents, using orders and production control documents between commercial and manufacturing companies as a starting point.

##### Contents:

- Footwear management systems
- ERPs functionalities
- Stock and shop control
- XML data models
- Exchange of data between different ERPs
- Integration of sales agents – shop – factory – component manufacturers