

DETECTA



constructiv

Context

- Project financed under the ERASMUS+ Programme 2018-2020



DETECTA: Scope of the project

- Objective:
 - the development of an instrument that can:
 - identify training and qualification needs continuously
 - deliver results on:
 - training requirements,
 - trends in emerging professional skills,
 - current training offer and its adaptation to the demands of companies,
 - geo-positioning of both the job offer and the training offer.
 - a tool that uses information on prospective reports, job offers, training offers, etc. to know in real time where and with what qualification the workers are needed and to identify whether the existing training offer respond to the demands of companies.

Partners

- Fortec (Spain): Coordination and management
- ITAINNOVA (Spain): Technical development of the Detecta Tool
- University of Limerick (Ireland): Training map development
- Constructiv (Belgium): Skill Competencies Map of Construction sector
- UFEMAT (Umbrella Organization): Dissemination of the project

Work packages

1. Prospective diagnosis of the Construction sector
2. Methodological design of the tool for detection of competencies and training needs
3. Development of big data platform: DETECTA
4. Exploitation of results
5. Dissemination and design of the system maintenance plan

Timing: 3 years: 2018-2020

Work packages

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Details Work package 2: Constructiv and University Limerick

- Series of actions aimed at understanding the construction sector from different perspectives
 - Economic and business perspective
 - Occupational and competence perspective
 - Training and educational perspective
- Tasks that need to be ‘in sync’
 - Development of a **Skills Map**: Constructiv
 1. Study of the economic-business framework of the sector
 2. Prospecting trends in the sector
 3. Competence reality study of the sector: Delphi panel
 - Development of **Training Map** of the construction industry: University of Limerick

WP2: Development of a skills map: Constructiv

- 1. Study of economic/business framework
 - Desk Research Analysis
 - Identification of main trends
- 2. Prospecting trends
 - Trends that have taken place and will take place
 - 50 in-depth interviews with experts (entrepreneurs, merchants, producers)
 - Forecasting the evolution => report of changes and trends

WP2: Development of a skills map: Constructiv

- 3. Competence reality of the construction sector: Delphi panel of experts
 - Delphi research technique with 10-12 experts
 - Identification of the most relevant skills to be developed
 - Respondents: company managers, social agents, employment agencies=> evaluate and propose competencies corresponding to emerging activities

WP2: Development of a training map: Limerick

- Training map: a map of professional and regulated competences in force, as well as recent and emerging ones that will generate new qualification and regulation needs.
 - After the development of the skills map
- By means of Delphi method

WP2: Outputs

- Skills map
 - Differentiate between current and anticipated professional competencies
- Training map
 - Differentiate between regulated and non-regulated training offer

Current state of affairs

1. Study of the economic-business framework of the sector (Desk Research)
 - Sources consulted:
 - DATA (Eurostat, Skills Panorama, OECD, ...)
 - Projects (Build Up Skills, SkillsCo, ESCO, ...)
 - Articles (ECSC, National Reports, EURES, CEDEFOP, Big Four, ...)
 - Major Trends identified:
 - Digitalization
 - Circular economy/construction
 - Health and Safety (construction workers and future user)
 - Standardization, automatization and prefabrication

Current state of affairs

2. Prospecting trends in the sector: interviews with experts
 - Questionnaire is developed
 - Current activity: conducting the interviews
 - Thank you for your cooperation.
3. Delphi research: under construction

Questions?