

Confederación Nacional
de la Construcción



hábitat



Industria,
Construcción
y Agro

FICA

Glossary

App: Mobile application

AR: Augmented Reality

BIM: Building Information Modelling

CDW: Construction and Demolition Waste

EC: European Commission

ECVET: European Credit System for Vocational Education and Training

EQAVET: European Quality Assurance in Vocational Education and Training

EQF: European Qualification Framework

EU: European Union

MOOC: Massive Open Online Course

ORP: Occupational Risk Prevention

OSH: Occupational Safety and Health

VET: Vocational Education and Training

WB: Work-Based Learning

Fundación Laboral de la Construcción (Spain)

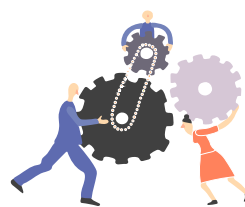


Since its foundation in 1992, Fundación Laboral de la Construcción has been striving every day to be at the forefront of innovation in the construction sector, in terms of training, prevention and employment. To this end, it leads and participates in European projects promoted by various international programmes.

Fundación Laboral has participated in more than 56 international projects together with 153 institutions from 30 countries to improve the qualification and appeal of the sector. It also aims to update the skills of professionals and strengthen the competitiveness of the construction industry.



INNOVATION
as strategic
value



over
53
European
projects

almost

140
participating
institutions



from
30
countries



The aim of international projects is to develop synergies between European organisations and entities benefiting the construction sector and society, through an innovative educational approach and improved professionalism.

Each project focuses on a need in the construction sector, identified at European level. To address this demand, objectives are defined and covered by a set of actions or the development of specific results.



Health and Safety at Work: Occupational Risk Prevention



Innovation in Construction



New **technologies** for learning



Energy Efficiency, Renewable Energy Systems and Nearly Zero Energy Buildings



Training for **trainers**



Social inclusion: gender equality, integration of migrants, etc.



CONSTRUCTION BLUEPRINT

European strategic approach to professional competences.



CONSTRUYE 2020 +

Boosting green jobs, growth and sustainability.



EPIU Getafe
Hogares saludables

EPIU GETAFE

Hogares Saludables. Identifying and reducing energy poverty.



**Green
Growth**

GREEN GROWTH

Implementing circular economy as a cross-cutting competence in VET.



BIONIC

Body sensors to prevent risks for older workers.



ICONS

Improving understanding of BIM in construction.



ICARO

Upgrading the qualification of site technicians in Europe.



CD WASTE

Training in construction and demolition waste management.



IN2C

Integrating third-country nationals into the labour market.



SI!BIM

Improving digital skills of construction workers.



SETAR

Training in safe earthworks using Augmented Reality.



CONSTRUYE TU FUTURO 2020

ERASMUS+ grant for VET students and staff mobility.



TYCON

Mini-games to promote entrepreneurial skills.



RCDIGREEN

Recovery strategy for construction and demolition waste based on circular economy principles.



REFORME +

Internationalisation strategy for VET programmes.



FORLAN

New basic skills learning strategies.



2019-2023

CONSTRUCTION BLUEPRINT:

Strategic approach to professional competences in construction



PROJECT ID

600885-EPP-1-2018-1-ES-EPPKA2-SSA-B



WEB

<http://constructionblueprint.eu/>



BUDGET

4.000.000 €

SCOPE OF ACTION



PROGRAMME

Erasmus+ Programme

KA2 Sector Skills Partnerships.

Batch 3 to implement a new strategic approach (Blueprint) for sectoral cooperation on competences

PARTNERSHIP



Fundación Laboral de la Construcción CNC (ES)



Centre Ifapme-LHW (BE)
Confédération Construction (BE)



FIEC (EU)
EFBWW (EU)
EBC (EU)



BZB (DE)
ZDB (DE)
BFW-NRW (DE)



Formedil (IT)
Ance (IT)



Cenfic (PT)



LIT (IE)



Sataedu (FI)



Akmi (GR)
Pedmede (GR)



CCCA-BTP (FR)
FFB (FR)



VSRC (LI)
LSA (LI)



SCKR (SI)
CCIS (SI)



Budowlani (PL)

8



SUMMARY

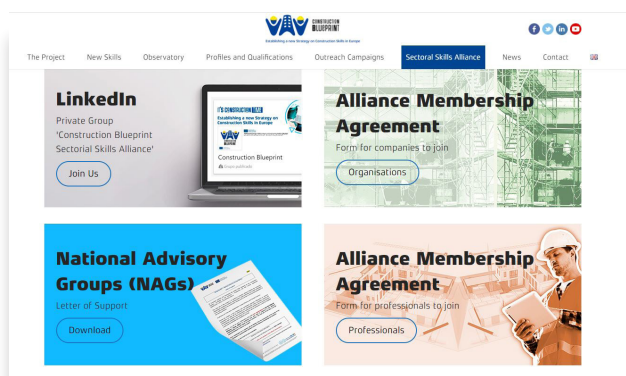
Construction Blueprint defines the new strategic approach to European sectoral cooperation on vocational skills. This Alliance of 24 organisations will improve the match between the needs of companies and the skills provided by training institutions, to create a competent and employment-driving industry. Construction Blueprint main objectives are to:

- Define the Status Quo of the construction industry and develop a Sector Strategy to define Skills.
- Enable transnational acquisition of new competences for the whole construction sector in Europe.
- Create an Observatory for the skills needs of the construction industry.
- Develop a study on professional profiles and qualifications.
- Design dissemination campaigns for the construction industry.
- Establish a Sector Skills Alliance and roll out the Action Plan.



RESULTS

- Site of the Sector Skills Alliance.
- Discussion forum for the Sector Skills Alliance 'Construction Blueprint'.
- PESTLE Analysis.
- Status Quo Report on Sector Skills.
- Roadmap and Action Plan.
- Interactive Map.
- Dissemination campaigns to increase the attractiveness of the construction sector.
- Online trainings on energy efficiency, digitalisation and circular economy.



2018-2021


CONSTRUYE 2020+:

A new impetus for green jobs, growth, and sustainability



 PROJECT ID 785019	 WEB http://construye2020plus.eu/	 BUDGET 797.111 €
SCOPE OF ACTION      		PROGRAMME Horizon 2020. EE14 Construction Skills

PARTNERSHIP



- Fundación Laboral de la Construcción (ES) ★
- Instituto de Ciencias de la Construcción Eduardo Torroja del CSIC (ES)
- Fundación Estatal para la Formación en el Empleo -Fundae-IETcc- (ES)
- Instituto Nacional de las Cualificaciones -Incuat-, dependiente del Ministerio de Educación, Cultura y Deporte (ES)
- Centro de Investigación de Recursos y Consumos Energéticos -Circe- (ES)
- Instituto de Robótica y Tecnologías de la Información y la Comunicación -Irtic-, attached to the University of Valencia (ES)



SUMMARY

Construye 2020+ continues the work undertaken by Build Up Skills Spain (2011-2013) and Construye 2020 (2013-2016) of the Intelligent Energy Europe (IEE) programme, and works towards a new boost for green jobs, growth, and sustainability in the construction industry. To this end, the objectives are:

- Develop an integrated and updated common training framework, based on Quintuple Helix innovation model.
- Improve and recognise workers' skills and competences in energy efficiency, renewable energy and nearly zero energy buildings.
- Involve sectoral SMEs in sustainable construction.
- Create a new sectoral competence standard for professionals and key operators in the industry.
- Develop a professional qualification on 'Energy Auditor', to meet the needs of energy auditing training (Directive 2012/27/EU).
- Implement training, sustainable construction awareness and dissemination actions



RESULTS

- Training roadmap for sustainable construction.
- Specific training courses for workers on site.
- Professional meetings and networking.
- Construye 2020+ Forum platform.
- Recognition of the competences of professionals in green jobs.
- Energy Auditor qualification.
- Build 2020+ Route.






EPIU Getafe
Hogares saludables

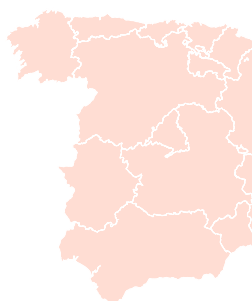
2019-2022

EPIU GETAFE. HOGARES SALUDABLES:

Identifying energy vulnerability through an intelligent tool
for advanced analysis and tailored solutions.

PROJECT ID  UIA04-212	WEB  https://hogaressaludables.getafe.es/	BUDGET  6.242.850€ (4.982.280,36 € co-financed by ERDF)
SCOPE OF ACTION      		PROGRAMME UIA (Urban Innovation Action) of the European Union, fourth call for proposals (2019), co-financed by the European Regional Development Fund (ERDF)

PARTNERSHIP



- Fundación Laboral de la Construcción (ES)
- Ayuntamiento de Getafe (ES) ★
- Empresa Municipal del Suelo y Vivienda de Getafe -EMSV- (ES)
- Universidad Carlos III de Madrid (ES)
- Asociación de Ciencias Ambientales (ES)
- Fundación Naturgy (ES)
- Khora Urban Thinkers (ES)
- Universidad Politécnica de Madrid (ES)
- Cruz Roja Getafe (ES)

10



SUMMARY

EPIU Getafe. Hogares Saludables contributes to the identification and reduction of energy poverty in this municipality, specifically in two of its neighbourhoods identified by the regional government as critical areas for Urban Regeneration and Renewal: La Alhóndiga-Fátima and Las Margaritas. Despite its local character, it is a European initiative that aims to transmit best practices. Therefore, the ultimate goal is to implement this system in other locations, improving the quality of life and the comfort of their inhabitants.

These cases are “energy vulnerable” and will be analysed by an interdisciplinary team from the City Council, which will assess the implementation of tailored solutions and a compensatory commitment system. EPIU Getafe aims to improve the comfort and quality of life of around 200 Madrid households.

In this way, being able to quantify and qualify the energy vulnerability of households will enable a deeper understanding of the current problem faced by European countries, allowing the best public interventions to be defined.



RESULTS

- Local awareness campaign on energy poverty.
- Intelligent Energy Vulnerability Unit.
- Advice service with tailor-made solutions
- Hogares Saludables Office in Getafe.
- Specialised courses on energy rehabilitation and ‘green’ competences.
- Public workshops on energy poverty awareness raising.



2020-2023

GREEN GROWTH:

Implementing the circular economy as a transversal competence in vocational education and training (VET)



PROJECT ID

2020-1-ES01-KA202-083246



WEB

<https://greengrowthproject.eu/>



BUDGET

287.841,00 €

SCOPE OF ACTION

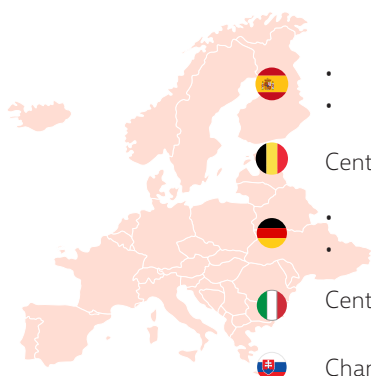


PROGRAMME

Programa Erasmus +.

KA2 Cooperation for innovation and exchange of good practices.

PARTNERSHIP



- Fundación Laboral de la Construcción (ES) ★
- Armadillo Amarillo (ES)
- Centre IFAPME Liège-Huy-Verviers (BE)
- Bildungszentren des Baugewerbes e.V. -BZB- (DE)
- Sustainum Institut (DE)
- Centro Edile Andrea Palladio (IT)
- Chamber of Commerce and Industry of Slovenia -CCIS- (SI)



SUMMARY

Green Growth addresses climate change and CO2 emissions into the atmosphere by offering a training strategy that makes Circular Economy a transversal subject in the sector's Vocational Training (VET), enabling construction workers and SMEs to work according to circular criteria for the use of resources and efficient or sustainable management.

This will enable the sector to meet the demands of new green buildings, which are on the rise, and new regulations on waste management or emissions. It will also help to reduce its carbon footprint using innovative 'eco' materials and digital construction techniques.



RESULTS

- Manual for VET teachers in construction: Circular economy into practice.
- MOOC on circular economy competences for VET teachers in construction.
- Application of the circular economy in building renovation works.
- Roadmap for training a circular approach to training in the sector.



BIONIC

2019-2021

BIONIC:

Smart chips for
body information

PROJECT ID



826304

WEB



<http://bionic-h2020.eu/>

BUDGET



3.995.195 €
(maximum grant amount).

SCOPE OF ACTION



PROGRAMME

HORIZON 2020

PARTNERSHIP



- Fundación Laboral de la Construcción (ES)
- Instituto de Biomecánica de Valencia -IBV- (ES)
- ACCIONA Construcción S.A. (ES)



RRD dependiente de la Universidad de Twente (LU).



- Universidad de Piraeus, Laboratorios de Sistemas de Seguridad -UPRC- (GR).
- Hypercliq IKE -HC- (GR).



- Centro Alemán de Investigación en Inteligencia Artificial -DFKI- (DE). ★
- Rolls-Royce Power Systems AG -RRPS- (DE).
- Interactive Wear GmbH -IAW- (DE).
- Technische Universität Kaiserslautern (DE).
- BAUA (DE).

12



SUMMARY

Bionic (Body Information on an Intelligent Chip) assesses the occupational risks of older workers in real time.

Through the placement of intelligent sensors on their work clothes, the users receive coaching sessions via an app so that they can continue working for longer and in different ways.

Bionic 's main objective is to develop a holistic platform, autonomous and respectful of users' privacy. The platform allows for a permanent tracking of the worker's health, assessing risks and preventing injuries. Likewise, the use of the platform favours the maintenance of an active life and the carrying out of an efficient and adjusted training for the worker, both in the work environment and in their daily life.



RESULTS

- Body sensor network for real-time analysis of loads and correction of misalignments.
- Biomechanical models and "deep learning" for ergonomic risk assessments.

CONCEPT

The BIONIC Project



BIONIC is a European research project aiming to develop an unobtrusive, autonomous and privacy preserving platform for real-time risk alerting and continuous persuasive coaching, enabling the design of workplace interventions adapted to the needs and fitness levels of specific ageing workforce.

Gamification strategies adapted to the needs and wishes of the elderly workers will ensure optimal engagement for prevention and self-management of musculoskeletal health in any working/living environment.



2018-2021

TYCON:

Mini- games to promote entrepreneurial skills
in the construction sector



PROJECT ID

2018-1-NL01-KA202-038926



WEB

<http://tycon-project.eu/>



BUDGET

797.111 €

SCOPE OF ACTION



PROGRAMME

Programa Erasmus+.

KA2 Cooperation for Innovation and
Exchange of Good Practice.

PARTNERSHIP



Fundación Laboral de la Construcción (ES)



Coventry University (UK)



Open Universiteit Nederland (NL)



BZB (DE)
WHKT (DE)



Scuola Costruzioni Andrea Palladio (IT)



CCIS (SI)



SUMMARY

Tycon or **Tyco(O)nstructor** project uses innovative didactic resources to promote the creation of entrepreneurial competencies in the construction industry, with the aim of implementing the development of a skilled and competitive workforce that meets the needs of the labour market.

In addition, it strengthens the quality and efficiency of training, and increases creativity, innovation, and entrepreneurial qualities at all levels of training.



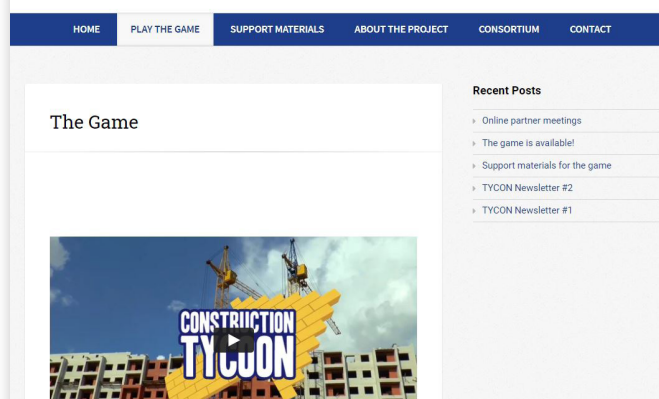
RESULTS

- Training application with mini-games to reinforce specific business skills.
- Guide on how to use the application.

Tycon is based on the approach of an innovative learning system. Through mini-games focused on the training of specific entrepreneurial skills, it will promote the entrepreneurial side of the sector:

- What it is to have an entrepreneurial mindset.
- How to build a reliable reputation.
- How to recognise opportunities and possibilities.
- What are the steps to take to set up a business.
- How to deal with unexpected situations and outcomes.
- How to overcome failure.

TYCON





PROJECT ID

AMIF-2017-AG-INTE-04- 821514



WEB

www.in2c.eu/es/

BUDGET



713.669,67 €

(maximum grant amount)

SCOPE OF ACTION



PROGRAMME

"Programme Asylum, Migration and Integration Fund (AMIF), 2017 edition".

PARTNERSHIP



- Fundación Laboral de la Construcción (ES)
- Asociación Instituto Europeo de Estudios para la Formación y el Desarrollo -DOCUMENTA- (ES)



- OSEOK (CY)
- M.M.C Management Center Limited (CY)



- TCG-CWT (GR) ★
- Dimitra Ekpaiditiki Simvilitiki AE (GR)
- Dimos Lariseon -DL-



FU-UPPSALA- (SE)



SUMMARY

In2C pursues the "Integration of third-country nationals in the construction sector", to facilitate and promote their early and effective integration in the construction labour market.

The European initiative proposes to offer integrated training to migrants and refugees in Spain, Greece, Cyprus, and Sweden, based on:

- Identifying the needs and barriers of the labour market for their effective integration, as well as the definition of good European practices.
- Assessing the level of knowledge in technical terminology, labour legislation and safety measures.
- Developing tools that support the improvement of skills in an interactive and innovative way and facilitating their integration in the labour market.
- Promoting "Employers Together for Integration network" and mobilising employers to get them to integrate these workers into their workforces.



RESULTS

- Awareness raising campaign and identification of key stakeholders in the In2C project.
- Report on "Identification of good practices, labour market needs and barriers in the construction sector".
- Training plan for third country nationals in the construction sector.
- In2C Platform with digital learning resources.
- Online Skills Assessment Tool (SONAT) to identify the skills and needs of third-country nationals.
- Model for collaboration and interaction between employers and third-country nationals.



2018-2021

ICARO:

Innovative skills for the technological and organisational upgrading of the construction sector



PROJECT ID

597840-EPP-1-2018-1-IT-EPPKA3-VET-JQ



WEB

www.icaroproject.eu/



BUDGET

378.921,85 €

SCOPE OF ACTION



PROGRAMME

Erasmus+ Programme
KA3 Support for Policy Reform

PARTNERSHIP

- Fundación Laboral de la Construcción (ES)
- Fundación Laboral de la Construcción del Principado de Asturias (ES)
- FIEC (EU)
- Architects' Council of Europe -ACE- (BE)
- Formedil (IT) ★
- Alma Mater Stadorium de la Universidad de Bologna (IT)
- Centro Ricerche Documentazione e Studi -CDS- (IT)
- VSRC (LI)
- Panevėžys Chamber of Commerce, Industry and Crafts (LI)



SUMMARY

Icaro assumes a crucial role in the revitalisation of the industry in Europe, which needs a generational change. This requires developing or updating the qualification of site technician in the countries of the partnership (Spain, Italy, Lithuania, and Belgium) so that the knowledge and competencies imparted match the needs of the industry.

To develop this qualification, the project has suggested to:

- Address the gender issue, the need to build a more inclusive and egalitarian sector and make construction an attractive sector for women.
- Include Work Based Learning (WBL) experiences in training processes.
- Improve students mobility through a specialised network.
- Involve the social partners and employers in measures relating to the quality of training and in the evaluation of WBL and its impact on the labour market



RESULTS

- Report on "The analysis of existing skills and competences gaps and identification of new needs".
- Updating and implementation of the current "site technician" profile qualification.
- Quality plan according to Equavet's indications.



PROJECT ID

2019-1-UK01-KA202-061938



WEB

www.sibim.eu/



BUDGET

175.670 €

SCOPE OF ACTION



PROGRAMME

Programa Erasmus+.

KA2 Cooperation for innovation and exchange of good practices.

PARTNERSHIP



Fundación Laboral de la Construcción (ES)



Coventry University (UK) ★



BZB (DE)



Centre IFAPME Liège-Huy-Verviers (BE)



CCIS (SI)



SUMMARY

'Si!BIM. Aproximación a BIM' promotes the improvement of workers' and future construction professionals' digital skills, as well as raises their awareness of the need to increase the use of BIM in the sector.

This international partnership has been promoted together with Fundación Laboral and other institutions with experience in the field of training from Germany, Slovenia and Belgium, led by the British University of Coventry, with the aim of launching a learning website for employers and employees to address the challenges of BIM training in construction.

Si!BIM explores and evaluates key areas of the different phases of building (Construction-Information-Modelling) to identify the digital skills needed in each of them.



RESULTS

- Accessible learning website to help employers and employees meet the challenges of BIM training in the industry.
- Si!BIM course offering a simplified and easy-to-understand overview of BIM.

NEWSLETTER 4 | ENERO | 2021



Aproximación a BIM, Digitalizando la EFP



Iniciativa Si!BIM en el ámbito de la UE

El objetivo del proyecto Si!BIM es innovar y añadir valor a la formación en Educación y Formación Profesional (EFP), centrándose en mejorar las habilidades digitales y en la sensibilización, poniendo el enfoque en el uso y la relevancia de BIM dentro del sector de la construcción. Buenas competencias digitales son primordiales en una industria moderna, y es un área en la que la mayoría de la mano de obra tiene carencias críticas. Este proyecto ayudará a empresarios y trabajadores a hacer frente a los desafíos de la formación en materia de competencias digitales en BIM, con la creación de un portal de aprendizaje accesible que aumente el conocimiento, tanto de los trabajadores actuales como de los recién llegados al sector.

2019-2021

CDWASTE-MANAGEVET:

Training to address construction and demolition waste management skills needs



PROJECT ID

2019-1-FR01-KA202-062962



WEB

<https://cdwaste-managevet.com/es/>



BUDGET

332.212 €

SCOPE OF ACTION



PROGRAMME

Programa Erasmus+.

KA2 Cooperation for innovation and exchange of good practices.

PARTNERSHIP



- Fundación Laboral de la Construcción (ES)
- Fundación Laboral de la Construcción del Principado de Asturias (ES)



Office de l'Environnement de la Corse -OEC- (FR) ★



Formedil (IT)



- European Knowledge Spot -EKS- (GR)
- PEDMEDE (GR)



Instituto De Soldadura E Qualidade -ISQ- (PT)



Universitatea Politehnica Din Bucuresti-UPB- (RO).

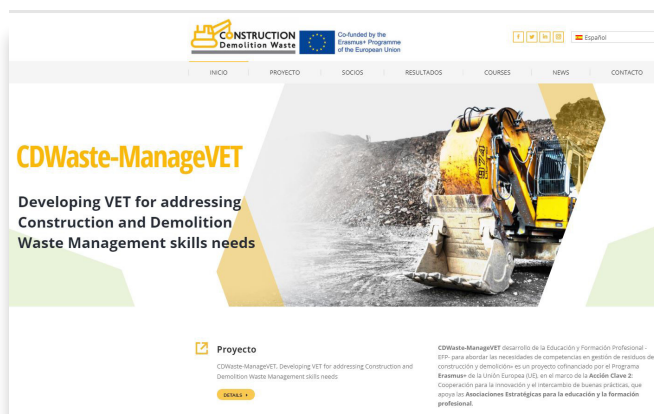


SUMMARY

Construction is the largest consumer of materials and waste generation. It currently generates 36.4% of the EU's total waste, yet it is estimated that more than 90% of inert materials and waste (including concrete, bricks, plaster, wood, glass, metals, plastic, solvents, asbestos, and excavated soil) can be recycled. To address this situation, the European Circular Economy Strategy has identified this sector as an essential driver for accelerating the sustainable transition.

'CDWaste-ManageVET' addresses and aims to update the competences in the field of Construction and Demolition Waste (CDW) management in industry, through Vocational Education and Training (VET).

To this end, seven entities from Spain, France, Italy, Greece, Portugal, and Romania will collaborate in the development of an online training course, open to the public, on CDW management in the sector. The training programme will be aligned with the needs of the labour market and the requirements of the European Qualification Framework (EQF).



RESULTS

- Industry analysis report.
- Good practice manual to identify future-proof competences for the management of CDW.
- Training programme for CDW management with a work-based learning (internship) component.
- Online training platform CDWaste-ManageVET.



PROJECT ID

EFA 336/19



WEB

<http://rcdigreen.eu/>



BUDGET

1.045.000,43 €
(679.250,28€, co-financed with
ERDF funds, through Poctefa)

SCOPE OF ACTION



PROGRAMME

Interreg Poctefa of the European
Regional Development Fund (ERDF)

PARTNERSHIP



- Fundación Laboral de la Construcción (ES)
- Fundación Laboral de la Construcción del Principado de Asturias (ES)
- Gestión Ambiental de Navarra S.A (ES)
- Recuperación Ambiental, S.L. (ES)



- Communauté de communes de Haut Béarn (FR)
- NOBATEK INEF4 (FR)



SUMMARY

RCDiGREEN establishes a Spanish-French cross-border strategy to implement efficient management of Construction and Demolition Waste (CDW), in which the circular economy is the cornerstone of this adaptation.

The recovery of CDW has become a strategic objective for the administration and the construction industry in the region of Navarre and the Atlantic Pyrenees, due to its direct impact on the economy, the lack of raw materials, the difficulties in opening new landfill sites and the existence of strict regulations of the extractive industry. As a result, the recovery of CDW is now seen as a solution.

The **RCDiGREEN** strategy responds, in a general way, to each of the needs linked to sustainability (economic, social and environmental) and to the waste generated by the life cycle of buildings and the responsible design of "zero waste buildings.

In addition, this Spanish French alliance improves the qualification of professionals and their safety, by developing pilot experiences to validate this strategy and by signing an agreement that includes and guarantees the fulfilment of the strategic lines established.



RESULTS

- Cross-border strategy consisting of measures related to the circular economy in construction based on adaptation to climate change through the use of CDW.
- Valorisation and implementation of CDW in construction.
- Practical implementation and evaluation of environmental benefits in cross-border areas related to the use of CDW considering new measures in terms of climate change and risk management.

2019-2022

ICONS:

Understanding BIM in the construction industry



PROJECT ID

2019-1-IT01-KA202-007445



WEB

<https://centroedilepalladio.it/progetto-icons/>



BUDGET

194.296 €

SCOPE OF ACTION



PROGRAMME

Programa Erasmus+.

KA2 Cooperation for Innovation and Exchange of Good Practice.

PARTNERSHIP



- Fundación Laboral de la Construcción (ES)
- Universitat de Valencia (ES)



- Bildungszentren des Baugewerbes e.V. -BZB- (DE);
- Westdeutscher Handwerkskammertag -WHKT- (DE)



Coventry University (UK)



Chamber of Commerce and Industry of Slovenia -CCIS- (SL)



Scuola Costruzioni Vicenza Andrea Palladio (IT) ★



SUMMARY

Icons aims to improve 'Innovation in the construction sector' by fostering workers' digital skills through the development of tailor-made training courses that will help them understand the technical and structural aspects of BIM (Building Information Modelling).

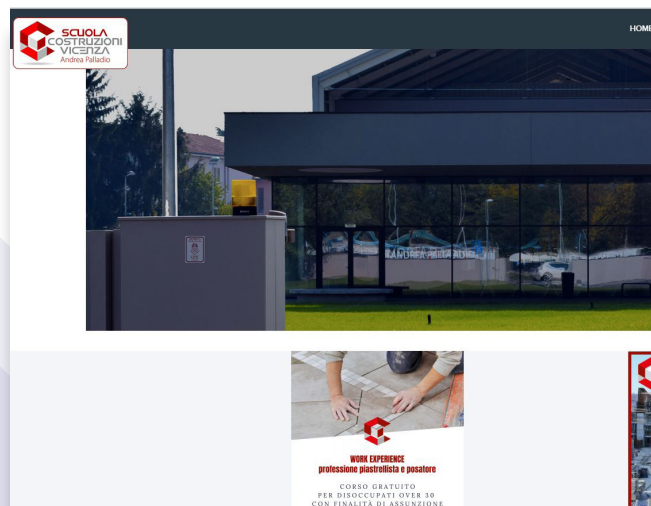
In this regard, the European initiative seeks to reduce the skills gap between the different workers involved in the building process through training, with the aim of improving the digitisation of works and promoting the productivity and sustainability of the sector at a European level.

Icons is an educational platform where the different BIM contents are available. These contents are, in turn, part of the BIM itineraries of different centres the consortium's entities have in the different regions of Spain, Italy, Germany, Slovenia and the United Kingdom.



RESULTS

- Training course on BIM compliance for construction workers 4.0.
- Application for construction workers 4.0.
- Digital guide "Road to digitisation for workers 4.0: Methods and tools".





2020-2022

SETAR:

Training in safe earthworks
using augmented reality



PROJECT ID

2020-1-PL01-KA202-081555



WEB

<https://www.setar.il.pw.edu.pl/>



BUDGET

299.485,00€

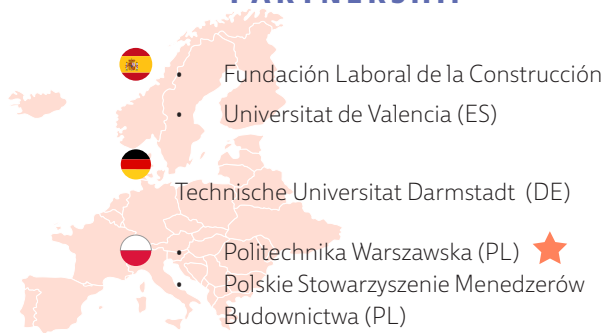
SCOPE OF ACTION



PROGRAMME

Programa Erasmus +.
KA2 Cooperation for innovation and
exchange of good practices

PARTNERSHIP



20



SUMMARY

SetAR project's main objective is to decrease the accident rate in construction works, especially during earthworks, through a training methodology based on augmented reality (AR).

To achieve this goal, training resources will be developed on earthmoving activities and procedures, with particular emphasis on work efficiency and health and safety standards.

The project will contribute to improve the employability of construction workers, encouraging their mobility, due to its international content (presentation of internships in participating countries) and multilingual content (this will help users to become familiar with and handle the vocabulary and terms used in specific earthmoving activities).



RESULTS

- **SetAR** application of augmented reality to facilitate earthworks training for professionals in the sector
- Practical Guide to improve and help teachers in the use of the app.



2020-2022

LET'S CAMPAIGN:

Exchange of good practices and the enhancement of VET's image



PROJECT ID

2 020-1-IT01-KA202-008374



WEB

<https://www.fundacionlaboral.org/proyectos/formacion/estudios/lets-campaign-2020-2022-programa-erasmus>



BUDGET

128.020 €



Erasmus + Programme.

KA2 Cooperation for innovation and exchange of good practices

PARTNERSHIP



Chamber of Commerce and Industry of Slovenia (SI)



Pedmede Somateio (GR)



Scuola Costruzioni Vicenza Andrea Palladio (IT)



Centre Ifapme Liege Huy Verviers ASBL (BE)



- Fundación Laboral de la Construcción (ES)
- International Formation Center (ES)



Club Life Long Learning (AT)



Profesinio mokymo centras Zirmunai (LI)



- Talentbrücke GmbH & Co. KG (DE)
- Lux Impuls GmbH (DE)
- Westdeutscher Handwerkskammertag (DE)



SUMMARY

Let's Campaign assesses the transparency and recognition of transversally acquired competences in Vocational Education and Training (VET). The idea behind the project is to increase the knowledge and image of VET, making VET and its resulting career opportunities clearer and more transparent for learners, families, schools, and stakeholders in general.

Let's Campaign aims to improve and strengthen the image or reputation of the VET sector by demonstrating its high level of employability and its sensitivity to innovative and sustainable issues.

Through this initiative, and the existence of a diverse consortium of various European countries, partnerships will be generated to promote work-based learning in all its forms and improve access to training and qualifications for all.

The challenge ahead for this partnership is to increase access and promote work-based learning, enhancing the image of the VET sector and improving the possibility for learners to receive valuable, useful and competitive training for the labour market.

LET'S CAMPAIGN



RESULTS

- Following the exchange of good practices and the creation of an international network including the VET institutions that are part of the consortium, an inspirational handbook and a guide for VET institutions will be created to capture the progress and results achieved.



PROJECT ID

2018-1-FR01-KA202-047908



WEB

www.reforme.org/



BUDGET

146.765 €

SCOPE OF ACTION



PROGRAMME

Erasmus+.
Strategic partnerships

PARTNERSHIP



Comite de Concertation et de Coordination
de l'Apprentissage du Batiment et des Travaux
Publics -CCCA-BTP- (FR) ★



- Fundación Laboral de la Construcción (ES)
- Fundación Laboral de la Construcción del Principado de Asturias (ES)



Centre Ifapme-LHW (BE)



Formedil (IT)



BZB (DE)



Cenfic (PT)



SUMMARY

Six leading organisations in the field of training in the construction sector have come together to launch the Reforme+ alliance and to pursue the improvement of the training and Work Based Learning (WBL) of apprentices and workers in the sector, and their professional success.

This initiative promotes exchanges of good practices, experiences and know-how or learning activities between Spain, Portugal, France, Italy, and Germany, with the aim of:

- Improving the image and attractiveness of apprenticeships in the construction sector.
- Raising the quality of training.
- Developing new types of mobilities, especially in terms of company tutors and mentors, and long-term mobility

The **Reforme** Network was created in 1986 in a spirit of collaboration and voluntary cooperation by its member institutions, which over the years have promoted and developed international vocational workshops and mobility of VET students, as well as projects helping to define vocational competences, develop teaching methods and new training programmes.

Since its creation, **Reforme** has facilitated the mobility of more than 2,300 young people and trainers thanks to EU programmes and initiatives and co-funding from partners.

















2018-2021

CONSTRUYE TU FUTURO 2020:

Erasmus+ mobility grants for VET students and staff



 PROJECT ID 2020-1-ES01-KA116-080002	 WEB https://www.fundacionlaboral.org/proyectos/formacion/movilidad/construye-tu-futuro-2020-2020-2021-programa-erasmus
 BUDGET 194.296 €	
SCOPE OF ACTION      	PROGRAMME European mobility for VET in energy refurbishment, through EU Erasmus+ grants for students and trainers, 2020 edition.
PARTNERSHIP  Fundación Laboral de la Construcción (ES)  Scuola Construzioni Vicenza Andrea Palladio (IT)  Centre Ifapme-LHW (BE)  CCCA-BTP (FR)	THEME Mobility of people for Vocational Education and Training learning . 

STUDENT MOBILITY:

Theme: Abroad training in energy efficiency and refurbishment.

Destination: Italy and France.

Centres: Scuola Construzioni Vicenza Andrea Palladio (Italy) and Comité de Concertation et de Coordination de l'Apprentissage du Batiment et des Travaux Publics -CCCA- BTP- (France).

Target group: 26 students, accompanied by 6 tutors, who must be currently studying:

Intermediate level diploma in Excavation and Drilling Technician. Huarte Vocational Training Centre of the Territorial Council of Navarre.

Intermediate Level Training Cycle in Construction Technician. Vocational Training Centre of Villanueva de Gállego (Zaragoza) of the Territorial Council of Aragón.

Basic Professional Degree in Reform and Maintenance of Buildings. Vocational Training Centre of Palma de Mallorca of the Territorial Council of the Balearic Islands.

Scholarship duration: 2 weeks, within the teaching period and during their training.

Scholarships: Grants will cover travel, board and lodging expenses. In addition, students will be provided with legal and health cover.

Selection: Both the selection and the awarding of grants are carried out by Fundación Laboral de la Construcción, guaranteeing the principles of transparency and equality.

Accreditation: For the validation and recognition of this experience students will receive the Europass Mobility Document and the Europass Certificate Supplement. In addition, the foreign host school will issue at the end of the mobility process a "Traineeship Certificate", confirming the results of the agreed learning programme.

MOBILITY FOR TRAINING AND EMPLOYMENT MANAGERS

Theme: Exchange of good practices and mutual learning between international reference centres.

Destination: Belgium.

Centre: Centre IFAPME Liege-Huy-Verviers ASBL (Belgium).

Target group: 12 managers of Training and Employment of Fundación Laboral de la Construcción.

Scholarship duration: 1 week.

Scholarships: The grants will cover travel, board and lodging expenses. In addition, the teachers will be provided with legal and health coverage.

Selection: Both the selection and the awarding of grants are carried out by Fundación Laboral de Construcción, guaranteeing the principles of transparency and equality.

Accreditation: Training workshops on energy efficiency and Dual VET, to address the training and employment system of the host country. Trainings will also be held on: the country's opportunities, business involvement in the field of training, the national qualification system, the new possibilities of training for employment and its implemented modernisation techniques.

2020-2022

FORLAN:

New strategies for learning basic skills



PROJECT ID

VP/2019/005/0153



WEB

<https://forlan.navarra.es/es/inicio>



BUDGET

659.205,6 €

SCOPE OF ACTION



PROGRAMME

Programa Erasmus+.

European Commission's Employment and Social Innovation Programme (Easi), Progress axis.

PARTNERSHIP



- Servicio Navarro de Empleo – Nafar Lansare
- Fundación Laboral de la Construcción de Navarra
- Gobierno de Navarra, departamento de Derechos Sociales
- Dirección General de Protección Social y Cooperación al Desarrollo
- Observatorio de la Realidad Social
- Departamento de Educación: Dirección General de Educación
- Servicio Público de Empleo Estatal (SEPE)
- Asociación de Empresas de Economía Social



SUMMARY

Forlan contributes to the reduction of the number of adults who do not master basic skills through active employment policies:

- Long-term unemployed people with low qualifications in minimum income programmes, with itineraries or actions of inclusion or active employment.
- People in temporary or precarious jobs, who move in and out of the labour market and often supplement their wages with the minimum income programme of Navarra.

In addition, the project is aimed at supporting digital transformation plans, so workers who need to improve their digital skills will also benefit, regardless of their level of qualification.

Spain, and all its autonomous communities, including Navarre, is one of the EU countries with one of the highest rates of low-skilled people. In 2019, 38.7% of the Spanish population aged between 25 and 64 had a level of education at or below the first stage of secondary education (INE - INE - National Statistics Institute). In Navarre, it was 29.2%.



RESULTS

- Evaluation of competences and design of new strategies for learning basic competences for people with a low level of qualification.
- Pilot experience to test the effectiveness of the developed strategy.
- Evaluation, scaling and transfer of the pilot results.

