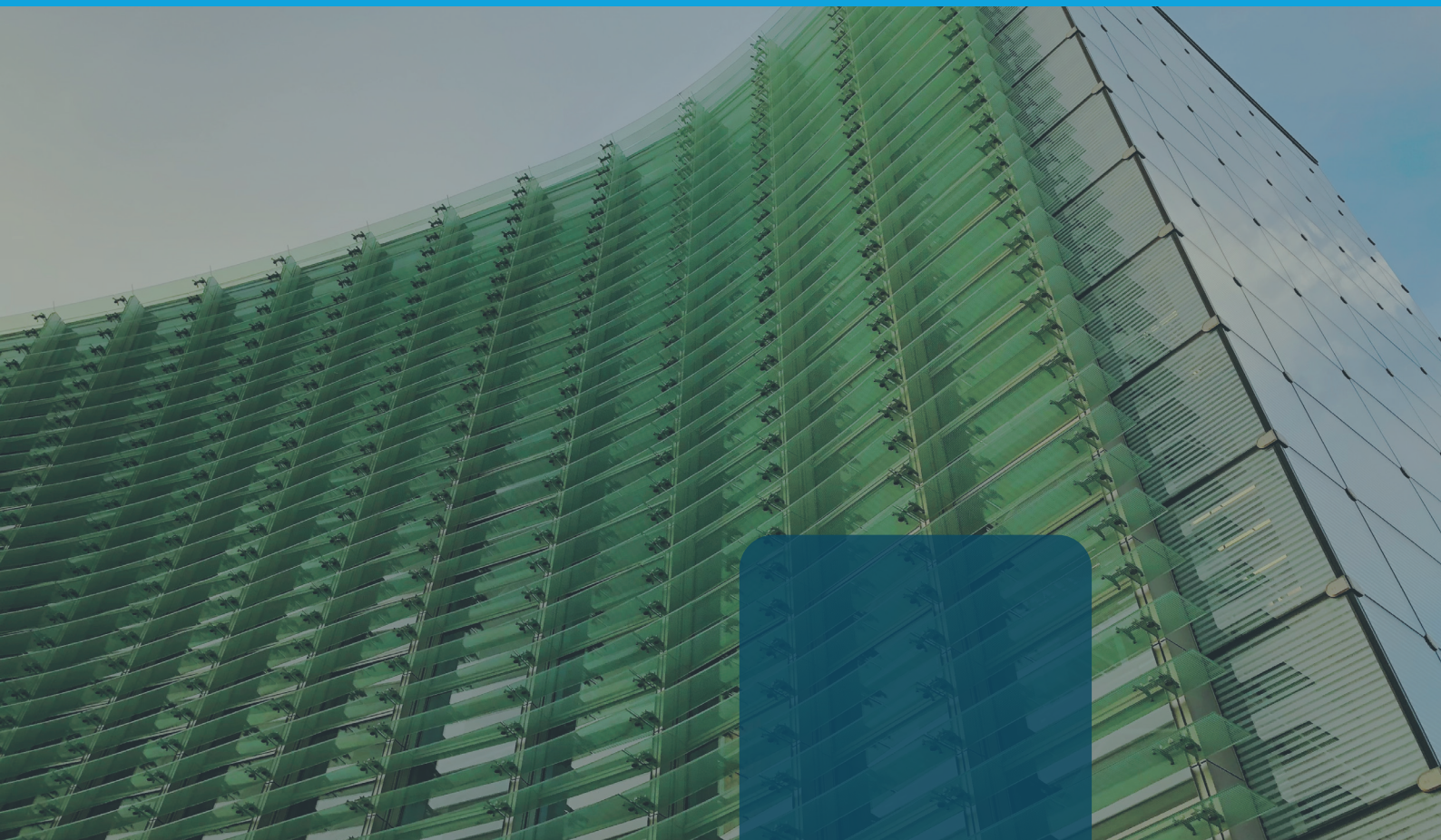


Supporting
the sector's
transition to
success

INTERNATIONAL PROJECTS & INITIATIVES



Fundación Laboral puts effort into being a **benchmark** in innovation and to be at the **forefront** of what is to come in the construction sector.





Confederación Nacional
de la Construcción



International Project Department



Initiatives
2020

Glossary

AIC:	Architecture, Engineering and Construction
App:	Mobile Application
BIM:	Building Information Modeling
EE:	Energy Efficiency
ECVET:	European Credit System for Vocational Education and Training
EQF:	European Qualification Framework
EQUAVET:	European Quality Assurance in Vocational Education and Training
VET:	Vocational Training
MOOC:	Massive Open Online Course
nZEB:	Nearly Zero Energy Building
ORP:	Occupational Risk Prevention
RES:	Renewable Energy Systems
VET:	Vocational Education and Training
VR:	Virtual Reality
OSH:	Safety and Health at Work
WBL:	Work Based Learning
CDW:	Construction and Demolition Waste

Fundación Laboral de la Construcción has worked since 1992 to provide companies and employees alike the resources to be more professional, secure, qualified and with a more successful future ahead. A sector with an internationalisation potential, adapting to new trends and responding to present and future needs.

This is the ultimate goal of the union of Confederación Nacional de la Construcción (CNC), CCOO de Construcción y Servicios and Federación de Industria, Construcción y Agro de UGT (UGT-FICA), which all together form this joint non-profit organisation.



As a result of years of commitment and effort, and thanks to the support of many professionals, Fundación Laboral is now...



A LEADING ENTITY of the sector in Spain and Europe.



A KEY partner to work for the future of COMPANIES AND PROFESSIONALS.



In
numbers



Every year, Fundación Laboral trains more than

80,000 workers
with more than **1,300 trainers**

who give
around

9,000 courses

and more than

4,000,000 hours of training.



Aims of our training

**IMPROVING
EMPLOYABILITY**
of professionals

Increasing the
enterprises
COMPETITIVENESS

Largely
**PRACTICAL
APPROACH**

INNOVATIVE TRAINING
adapted to the new
sector's environment

For decades, the joint organisation has been working in the fields of training, health and safety, innovation, sustainability and leading technology that help to place construction as an economic and employment engine.

Every year, Fundación Laboral trains thousands of construction workers in its 48 Training Centres.

The training offer is made up of more than 400 training actions and more than 100 of its own manuals on different construction topics. It also has the collaboration of more than 1,500 teachers in Spain.

In addition to this background, it has a wide experience in training programmes of the European Commission and in exchanges with other countries of the European Union with young students, unemployed workers and its own staff. It is also an active member of the network Conference on Project Development (CPD) or Reforme, a transnational network of European training institutions and organisations from nine countries. This network has 25 years of history and has helped the exchange of knowledge and good practices in the field of Vocational Education and Training (VET).

In short, working to build a better world is the challenge of Fundación Laboral de la Construcción and of staff of its 17 Regional Councils distributed throughout Spain.

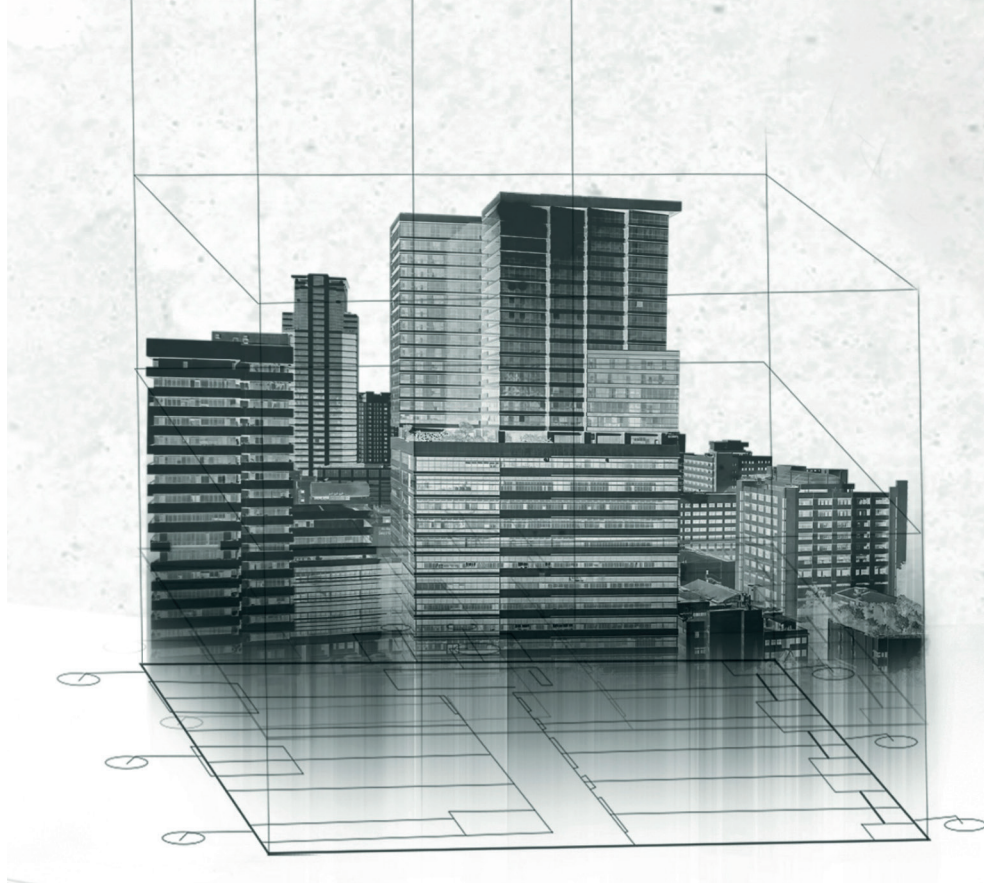
...working to build a better world
is the challenge of Fundación
Laboral de la Construcción.



Innovation as strategic value



Achieving a qualified and leading sector is one of the main challenges and objectives of Fundación Laboral de la Construcción, **within Spain and abroad.**



Horizon 2020
Programme



Co-funded by the
Erasmus+ Programme
of the European Union



ASYLUM, MIGRATION
AND INTEGRATION FUND
(AMIF)

At European level, the International Projects department has been developing and managing initiatives funded by several European Union programmes for more than a decade.

Fundación Laboral is involved in...

more than

53

European projects

with almost

140

organisations

from

30

countries

...to improve qualifications, update the skills of professionals and improve the competitiveness of the construction industry.





In 2020, Fundación Laboral is involved in 18 European projects:



Construction Blueprint:

A strategic approach to **PROFESSIONAL SKILLS** in Construction.



Health & Safety Blueprint:

Strategic approach to professional competences in **HEALTH & SAFETY**.



Construye 2020+:

Boosting Green Jobs, **GROWTH** and **SUSTAINABILITY**.



Women Can Build:

Towards an **EQUAL** construction industry.



Bus.Trainers:

Green competences for construction **TRAINERS**.



Upp Games:

Training mini-games for **WORK AT HEIGHTS**.



VRoad:

Green competences for construction **TRAINERS**.



EPIU Getafe:

Identifying **ENERGY POVERTY**, through an intelligent tool for advanced analysis and adapted solutions.



Bionic:

BODY SENSORS for elderly workers.



WaTter Skills:

WATER EFFICIENCY in building construction and renovation.



Tycon:

Mini-games to promote **ENTREPRENEURIAL SKILLS**.



In2C:

INTEGRATION of third-country nationals in construction.



Icaro:

Redefinition of the site **MANAGER PROFILE**.



Si!BIM:

Improving the **DIGITAL SKILLS** of the construction sector workforce.



CD Waste:

Training to address **SKILLS** needs in construction and **DEMOLITION WASTE** management.



RCdiGreen:

Strategy to value Construction and Demolition **WASTE** based on the Circular Economy Principles.



Icons:

Promoting the **UNDERSTANDING** of **BIM** in the construction sector.



Reforme +:

Strategy for the **INTERNATIONALISATION** of **VET** programmes.



Build your future 2020:

ERASMUS+ grants for **MOBILITY** of **VET** students and staff.

Building Europe

These projects aim to develop synergies between European organisations and entities in support of the construction sector, and society in general, which will benefit from an innovative educational approach and improved professionalism.



STRATEGIC INITIATIVES

SHARING EXPERIENCES

MUTUAL LEARNING

Transparency in qualifications

MOBILITY PROMOTION



Each project focuses on its own subject matter and individual aims, which respond to the emerging needs of the construction sector:



Energy **EFFICIENCY, RENEWABLE**
Energy Systems and Nearly Zero
Energy Buildings



Training for
TRAINERS



SOCIAL INCLUSION: gender
equality, migrants
integration, etc.



New technologies
focused on **LEARNING**



INNOVATION in
Building



**HEALTH AND SAFETY AT
WORK:** Prevention of
occupational risks



PROJECTS IN PROGRESS

2019-
2021

CONSTRUCTION BLUEPRINT:

A STRATEGIC APPROACH TO PROFESSIONAL SKILLS
IN CONSTRUCTION



PROJECT ID

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

PROGRAMME

Erasmus+ Programme.

KA2 Sector Skills Alliances

Lot 3 for implementing a new strategic approach (Blueprint) to sectorial cooperation on skills

WEB

<http://constructionblueprint.eu/>

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)



CCCA-BTP (FR)
FFB (FR)



Cenfic (PT)



VSRC (LI)
LSA (LI)



LIT (IE)



Sataedu (FI)



SCKR (SI)
CCIS (SI)



Akmi (GR)
Pedmede (GR)



Budowlani (PL)

SUMMARY

Construction Blueprint defines the new strategic approach to European sectoral cooperation on vocational skills. This alliance of 24 organisations, aims to improve the alignment between the needs of companies and the skills provided by training institutions, in order to create a competent and employment-driving industry.

The main objectives of Construction Blueprint are:

- Enabling the transnational acquisition of new skills for the construction sector in Europe.
- Creating an Observatory with the skills needs of the construction industry.
- Developing a study on professional profiles and qualifications.
- Designing dissemination campaigns for the construction industry.
- Establishing a Sector Skills Alliance and launch the Action Plan.

RESULTS

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

SCOPE OF ACTION



BUDGET

4.000.000 €

2018-
2020

H&S BLUEPRINT:

A STRATEGIC APPROACH TO PROFESSIONAL
SKILLS IN HEALTH AND SAFETY



PROJECT ID

EASME/COSME/2018/033

PROGRAMME

Licitación de la EASME de la
Comisión Europea

WEB

<http://constructionblueprint.eu/hs-blueprint/>

PARTNERSHIP



Fundación Laboral de la
Construcción (ES) ★

BUDGET

798.100 €

SUMMARY

Health & Safety Blueprint develops a complete and updated training framework to cover the emerging needs in Health and Safety, especially related to new building materials, insulation, technology and individual processes.

This initiative is being promoted by the European Commission's Executive Agency for Small and Medium-sized Enterprises (EASME) and developed by Fundación Laboral. It completes the strategic focus on professional competences of the sector defined by Construction Blueprint. It aims to update and reinforce the knowledge of European professionals in the field of Occupational Safety and Health (OSH) in the new construction industry through:

- A study of needs for the revision or creation of professional profiles.
- A proposal for OSH training adapted to the new needs of the "green professional profiles".
- The identification of good practices at regional, national and European level.
- And the creation of a more positive image of the sector, which proactively addresses OSH issues.

RESULTS:

- 8 Health and Safety training modules, plus an annex with additional material.
- Teachers' guide for each of the modules.

SCOPE OF ACTION



2018-
2021

CONSTRUYE 2020+:

BOOSTING GREEN JOBS, GROWTH
AND SUSTAINABILITY



PROYECT ID

785019

PROGRAMME

Horizon 2020. EE14 Construction Skills

WEB

<http://construye2020plus.eu/>

PARTNERSHIP



- Fundación Laboral de la Construcción (ES) ★
- Instituto de Ciencias de la Construcción Eduardo Torroja of the CSIC (ES)
- Fundación Estatal para la Formación en el Empleo -Fundae- (ES)
- Instituto Nacional de las Cualificaciones -Incuat-, dependent on 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)

BUDGET

797.111 €

SUMMARY

Construye 2020+ continues the work of Build Up Skills Spain (2011-2013) and Construye 2020 (2013-2016) of the Intelligent Energy Europe (IEE) programme. This time, the project aims to boost green employment, growth and sustainability in the construction industry. To this end, the objectives are:

- Developing of an integrated and updated common training framework, based on the Quintuple Helix innovation model.
- Improving and recognising the skills and competences of workers in energy efficiency, renewable energy and nearly zero energy buildings.
- Involving of the sectoral SMEs to increase a leading sustainable construction market.
- Creating a new standard of sectoral competences for professionals and key operators.
- Developing the professional qualification of 'Energy Auditor', to meet the needs of energy audit (Directive 2012/27/EU).
- Boosting training, sustainable construction awareness and dissemination actions.

RESULTS

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

SCOPE OF ACTION



2018-
2020

VROAD:

VIRTUAL REALITY FOR ROADWORK TRAINING IN
THE EUROPEAN CONSTRUCTION INDUSTRY



PROJECT ID

2018-1-ES01-KA202-050294

PROGRAMME

Erasmus+.

KA2 Cooperation for Innovation and
the Exchange of Good Practices

WEB

[http://microsites.fundacionlaboral.org/
vroad](http://microsites.fundacionlaboral.org/vroad)

PARTNERSHIP

Fundación Laboral de la
Construcción (ES)



GA Group.



BTP CFA Indre-et-Loire (FR)



Formedil Piemonte (IT)



CENFIC (PT)

BUDGET

214.484 €

SUMMARY

VRoad responds to the specific needs of risk prevention training in roadworks in the European construction industry, through the design and development of a Virtual Reality (VR) application that presents different scenarios and real situations that allow the user to test the risks of this works without real exposure.

Regarding this objective, the initiative covers four key points:

- Defining a theoretical-practical learning framework for the development of a training system addressing the pedagogical objectives on Health and Safety of road works, ensuring the adequacy of the VR tool to the current training needs.
- Proposing an innovative educational approach for practical learning of the following works: lane closure; repair of guardrail and traffic signs; and protocol of action in case of an emergency.
- Ensuring the correct use of the VRoad VR training system.
- Designing a roadmap setting out the standards and steps necessary to identify the content of the proposed training system, in accordance with the European qualification framework.

SCOPE OF ACTION

- Virtual Reality application with three daily work scenarios.
- Practical guide with the necessary knowledge and competences to ensure the safety of road-workers.
- Handy guide for sectoral trainers to manage the application.

SCOPE OF ACTION



2017-
2020

WOMEN CAN BUILD:

TOWARDS AN EQUAL CONSTRUCTION
INDUSTRY



PROJECT ID

2017-1-ES01-KA202-038658

PROGRAMME

KA2 Cooperation for Innovation
and the Exchange of Good
Practices.

WEB

<http://www.womencanbuild.eu/>

PARTNERSHIP

Fundación Laboral de la
Construcción CNC (ES) ★



Agencia para el Empleo del
Ayuntamiento de Madrid (ES)



Centre Ifapme-LHW (BE)



Cenfic (PT)



Formedil (IT)
Fondazione Ecipa (IT)



CCCA-BTP (FR)



BZB (DE)

BUDGET

293.121 €

SUMMARY

Women Can Build promotes gender equality in the construction sector. It works to achieve parity in employment opportunities and to break down the barriers and stereotypes that have perpetuated a male image of the sector.

The objectives developed by the project are:

- Bringing about a paradigm shift in the sector through training, to make it more egalitarian, attractive and socially responsible.
- Breaking down cultural barriers and increase the attractiveness of women in construction.
- Capturing the attention of women towards the construction industry, emphasizing those activities with more possibilities of achieving an effective insertion in the labor market.
- Providing Vocational Training centers with a gender perspective to enable them to redefine their training approach.
- Establishing an Action Plan to build a gender-equal and aware industry.
- Creating social awareness of professional skills, regardless of the gender of the worker.

RESULTS

- Collection of testimonies from women in the sector: 'We build too'.
- Free online course for sectoral trainers for the "development of gender equality competence".
- Gender mainstreaming manual for trainers and Employment advisors to be applied in the classroom, workshop or company.
- Gender Action Plan for employers.
- Report on "Equality in teaching practice".

SCOPE OF ACTION



2016-
2020

BUS TRAINERS:

DEVELOPING "GREEN" COMPETENCES FOR
CONSTRUCTION TRAINERS



PROJECT ID

575829-EPP-I-2016-1-ES-EPPKA2-SSA

PROGRAMME

Sector Skills Alliances

Lot 2: Design and Delivery of VET

WEB

<http://ecotrainers.eu>

PARTNERSHIP



Fundación Laboral de la Construcción ★
CNC (ES).

IRTIC - Universidad de Valencia (ES)



MIEMA (MT)
GOZO (MT)



CRESS (GR)
IME GSEVEE (GR)



Formedil (IT)
Ance (IT)



CENFIC (PT)
LNEG (PT)

BUDGET

968.645 €

SUMMARY

Bus.Trainers promotes the competences in energy efficiency, renewable energy and sustainable construction for Vocational and Educational Training trainers of the sector, with the aim to transfer to trainees and workers of the industry.

For this, we have launched a free online course to "Develop the environmental skills for trainers from the construction industry" and the Eco-Trainer qualification, endorsed by the European accreditation system. In addition, the partnership's multilateral agreement promotes the recognition of the training in several EU member states.

The course is made up of eight modules, through which the project aims to reinforce and improve the competences of the trainers of the sector in: sustainable construction; certification and labelling; materials; deconstruction; energy efficiency; renewable energies; life cycle; and pedagogy.

RESULTS

- o Course 'Eco-Trainer in the construction industry'.
- o Perimeter and Final Green Skills Map.
- o Report on competence gaps.

SCOPE OF ACTION



2017-
2020

UPP GAMES:

BASIC HEALTH & SAFETY SKILLS ON WORKS AT HEIGHT
THROUGH SERIOUS GAMES



PROYECT ID

2017-1-ES01-KA202-038262

PROGRAMME

Erasmus+.

KA2 Cooperation for Innovation and
the Exchange of Good Practices.

WEB

[http://microsites.fundacionlaboral.org/
upp-games](http://microsites.fundacionlaboral.org/upp-games)

PARTNERSHIP

 Fundación Laboral de la Construcción ★

 Scuola Construzioni Andrea Palladio (IT)

 Open Universiteit Nederland (NL)

 Centre Ifapme (BE)

 IFSB (LU)

 CCIS (SI)

 WHKT (DE)

BUDGET

173.925 €

SUMMARY

Upp Games continues the work done in the project Health & Safety Games, led by Fundación Laboral, related to offer basic training in Health and Safety to construction workers. This time, it was focused on reinforcing the skills on works at height through serious game.

The partnership set out:

- Learning about the hazards, risk factors and preventive measures necessary to carry out work at height.
- Reinforcing the training in techniques for the prevention of risks at heights, through an innovative system based on gamification.
- Training teachers of the sector in the use of the Upp Games application.
- Evaluating and recognise the Health and Safety knowledge, habilities and competences acquired by students through the application.

RESULTS

- Practical guide to plan training.
- Mobile App with serious games to complement the training on Health and Safety at height. (<https://play.google.com/store/apps/details?id=nl.ou.uppgames&gl=EN>)
- Hanfy guide for teachers.

SCOPE OF ACTION



2019-
2022

EPIU GETAFE. HOGARES SALUDABLES:

IDENTIFYING ENERGY POVERTY THROUGH AN
INTELLIGENT ADVANCED ANALYSIS TOOL AND
ADAPTED SOLUTIONS



EPIU Getafe
Hogares saludables

PROYECT ID

UIA04-212

PROGRAMME

UIA (Urban Innovation Action) of the European Union, fourth call for proposals (2019), co-financed by the European Regional Development Fund Regional Development Fund (Feder)

WEB

<https://hogaressaludables.getafe.es/>

PARTNERSHIP



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

BUDGET

6.242.850€

(4.982.280,36 € co-financed by Feder)

SUMMARY

EPIU Getafe. Hogares Saludables contributes to the identification and reduction of energy poverty in this municipality of Madrid, especially in two neighbourhoods: La Alhondiga and Las Margaritas, identified by the regional government as critical areas for Urban Regeneration and Renewal.

It is an European initiative aimed at transmitting good practices at local level. Therefore, the main objective is to be able to implement this system in other cities, improving the quality of life and comfort of their inhabitants.

These areas considered as 'energetically vulnerable' will be analysed by an interdisciplinary team of the City Council that will assess the implementation of tailor-made solutions and a system of compensatory commitment.

Epiu Getafe is aimed at improving the comfort and quality of life of some 200 Madrid households.

In this way, being able to quantify and qualify the energy vulnerability of households gives a deeper insight into the problem faced by European countries, helping to define best public interventions.

RESULTS

- o Local energy poverty awareness campaign.
- o Energy Poverty Intelligence Unit.
- o Advice service with tailored solutions.

SCOPE OF ACTION



2019-
2021

BIONIC:

BODY INFORMATION ON AN
INTELLIGENT CHIP



PROYECT ID

826304

PROGRAMME

Horizon 2020

WEB

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

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).

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).



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

BUDGET

3.995.195 €
(maximum amount of the grant).

SUMMARY

Bionic (Body Information on an Intelligent Chip) assesses, in real time, the occupational risks of older workers by attaching intelligent sensors to their work clothes. Moreover, thanks to this personalised analysis, the user will receive, via an application, coaching sessions so that they can continue working for a longer period of time and in different ways.

Bionic's main objective is to develop holistic, autonomous and privacy preserving platform, which allows to monitored the health of the worker, risk assessment, injury prevention, active living and efficient coaching. In addition, the platform promotes an active life and the implementation of an efficient training programme adapted to the worker, in the living and working environment.

RESULTS

- Gamified application that collects data from smart chips or sensors to offer each user specific training or guidelines to prevent injuries.

SCOPE OF ACTION



2017-
2020

WATTER SKILLS:

WATER EFFICIENCY IN BUILDING CONSTRUCTION
AND RETROFIT



PROJECT ID

2017-1-PT01-KA202-036002

PROGRAMME

Programa Erasmus+.
KA2 Cooperation for Innovation and the
Exchange of Good Practices.

WEB

<http://watterskills.eu/>

PARTNERSHIP

 Fundación Laboral de la Construcción ★

 ADENE-Agência para a Energia (PT)

 CRESS (GR)

 FORMEDIL (IT)

BUDGET

246.405 €

SUMMARY

WaTterSkills responds to the need for efficient water management across Europe, due to both water scarcity and water security issues. Based on these European objectives, WaTter Skills aims to improve training, qualification and accreditation through reliable and independent schemes that certify the know-how and skills of construction professionals, including plumbers, technical agents and designers, as well as “green” professionals (it includes water and energy consultants).

To achieve these objectives, the initiative proposes, develops and implements a common curriculum, based on the European qualification framework and European accreditation schemes in order to promote the training and updating of competences of construction and rehabilitation professionals in water management and efficiency.

RESULTS

- Report on ‘The skills for water efficiency technicians and experts’.
- Qualification framework for water efficiency technicians and experts.
- E-learning platform for water efficiency technicians and experts.
- WaTterSkills accreditation system for water efficiency technicians and experts.

SCOPE OF ACTION



2018-
2021

TYCON:

MINI-GAMES TO FOSTER ENTREPRENEURIAL SKILLS
FOR THE CONSTRUCTION SECTOR



PROJECT ID

2018-1-NL01-KA202-038926


PROGRAMME

Erasmus+ Programme.
KA2 Cooperation for Innovation and
the Exchange of Good Practices.

WEB

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

PARTNERSHIP

 Fundación Laboral de la
Construcción (ES) ★

 Open Universiteit Nederland (NL)

 Scuola Construzioni Andrea Palladio (IT)

 Coventry University (UK)

 BZB (DE)
WHKT (DE)

 CCIS (SI)

BUDGET

298.534 €

SUMMARY

Through innovative teaching resources, the Tycon O Tyco(O) nstructor project promotes the creation of entrepreneurial skills for the construction industry, with the aim of implementing the development of a skilled and competitive workforce that responds to the needs of the labour market. In addition, it strengthens the quality and efficiency of training, increasing creativity, innovation and enhancing entrepreneurial qualities at all levels of training. Tycon is based on the approach of an innovative learning system through mini-games, focusing on specific issues of being an entrepreneur, like:

- What is an entrepreneurial mind-set.
- How to build a reliable reputation.
- Recognize opportunities and chances.
- What are the steps in setting up your enterprise.
- How to deal with unexpected situations and outcomes.
- How to deal with failure.

RESULTS

- Training application with mini-games to reinforce specific business competences.
- Guide on the use of the application.

SCOPE OF ACTION



2018-
2021

IN2C:

INTEGRATION OF THIRD-COUNTRY NATIONALS
IN THE CONSTRUCTION SECTOR



PROJECT ID

AMIF-2017-AG-INTE-04- 821514

PROGRAMME

Asylum, Migration and
Integration Fund (AMIF)

WEB

www.in2c.eu/es/

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 Ekpaideitiki Simvilitiki AE (GR)
DL (GR)



FU-UPPSAL- (SE)
Sverige Stroj AB (SE)

BUDGET

713.669,67 €
(maximum amount of the grant).

SUMMARY

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

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

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

RESULTS

- Raising awareness 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.
- Skills Online Assessment Tool (SONAT) to identify the skills and needs of third-country nationals.
- Model for collaboration and interaction between employers and third-country nationals.

SCOPE OF ACTION



2018-
2021

ICARO:

INNOVATIVE QUALIFICATIONS FOR TECHNOLOGICAL
AND ORGANISATIONAL INNOVATION IN BUILDING
SECTOR



PROYECT ID

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

PROGRAMME



Erasmus+.

KA3 Support to Policy Reform.

WEB

www.icaroproject.eu/


PARTNERSHIP

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

 FIEC (EU)

 Colegio de Arquitectos de Europa
-ACE- (BE)

Formedil (IT) ★

 Alma Mater Stadorium de la Universidad
de Bologna (IT)
Centro Ricerche Documentazione e Studi
-CDS- (IT)

VSRC (LI)

 Cámara de Comercio, Industria y Artesanía
de Panevezys (LI)

BUDGET

378.921,85 €

SUMMARY

Icaro takes on a key role in the revitalisation of the industry in Europe, which is in need of a generational change, by developing or updating the Construction Site Technician qualification in the partnership countries (Spain, Italy, Lithuania and Belgium), so that the knowledge and competences taught are consistent with the professional needs of the construction sector. In order to develop such a qualification, the project has proposed to:

- o Addressing the gender issue and the need to build a more inclusive and equal sector, as well as make construction an attractive sector for women.

- Including Work Based Learning (WBL) experiences.
- Enhancing student's mobility through a specialised network.
- Involving 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

- o Report on 'GAP analysis of the existing qualifications and identification of the needs in the building sector'.
- o Updating and implementation of the existing qualification of construction site technician.
- o Quality plan according to EQAVET indicators.

SCOPE OF ACTION



2019-
2021

Si!BIM:

IMPROVING DIGITAL SKILLS OF
CONSTRUCTION WORKERS



PROJECT ID

2019-1-UK01-KA202-061938

PROGRAMME

Erasmus+ Programme.
KA2 Cooperation and Innovation
for Good Practices

WEB

www.sibim.eu/

PARTNERSHIP



Fundación Laboral de la Construcción (ES)



Coventry University (UK) ★



BZB (DE)



Centre IFAPME Liège-Huy-Verviers (NL)



CIS (SI)

BUDGET

175.670 €

SUMMARY

'Si!BIM. Step into BIM' seeks to improve the digital skills of workers and future professionals in the construction industry, and at the same time it raises awareness of the need to increase the use of BIM in the sector.

To this end, this international consortium has been promoted. Fundación Laboral together with institutions with experience in the field of training in Germany, Eslovenia and Belgium and led by the British University of Coventry, aim to set up an to launch a learning portal 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 construction (Construction-Information-Modelling) in order to identify the digital skills needed in each of them.

RESULTS

- o Accessible learning portal to help employers and employees meet the challenges of BIM training in the sector.

SCOPE OF ACTION



2019-
2021

CDWASTE-MANAGEVET

TRAINING TO ADDRESS SKILLS NEEDS IN
CONSTRUCTION AND DEMOLITION WASTE
MANAGEMENT



PROJECT ID

2019-1-FR01-KA202-062962

PROGRAMME

Erasmus+ Programme.
KA2 Cooperation and Innovation for
Good Practices.

WEB

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

PARTNERSHIP

-  Office de l'Environnement de la Corse -OEC- (FR) ★
-  Fundación Laboral de la Construcción (ES)
Fundación Laboral de la Construcción del Principado de Asturias (ES)
-  Formedil (IT)
-  European Knowledge Spot -EKS- (GR)
PEDMEDE (GR)
-  Instituto De Soldadura E Qualidade -ISQ- (PT)
-  Universitatea Politehnica Din Bucuresti-UPB- (RO).

BUDGET

332.212 €

SUMMARY

Construction industry is considered to be the main consumer of materials and waste generator. Currently, this industry generates 36.4% of total waste production in the European Union. Despite this, it is estimated that more than 90% of inert materials and waste (including concrete, bricks, plaster, wood, glass, metals, plastics, solvents, asbestos and excavated soil), can be recycled. To address this situation, the European Circular Economy Strategy sees this sector as an indispensable driver to accelerate the sustainable transition.

In line with Europe, 'CDWaste-ManageVET' addresses and seeks to update competences in the management of Construction and Demolition Waste (CDW) through Vocational Training (VET).

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

RESULTS

- o Industry driven analysis report.
- o Best practice handbook to investigate the forward-looking skills in demand for CDW Management.
- o Training programme for CDW management with Work Based Learning -WBL- (internship).
- o CDWaste-ManageVET online training platform.

SCOPE OF ACTION



2019-
2022

RCDiGREEN:

STRATEGY TO RECOVERY CONSTRUCTION AND
DEMOLITION WASTE BASED ON CIRCULAR ECONOMY
PILLARS



PROYECT ID

EFA 336/19.


PROGRAMME


Interreg Poctefa Programme of the
European of Regional Development
(Feder)

WEB

<https://rcdigreen.eu/>

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)

BUDGET

1.045.000,43 € (679,250.28,
co-financed by Feder funds,
through Poctefa

SUMMARY

RCdiGREEN establishes a Spanish-French cross-border strategy to implement an efficient management of Construction and Demolition Waste (CDW), in which the Circular Economy is the main cornerstone.

The recovery of CDW has become a strategic objective for the administration and management of the construction industry in the area of Navarre and Atlantic Pyrenees, due to their direct impact on economy. In this sense, the lack of raw materials, together with problems of opening new landfills or a strong regulations on exploitation of the extractive industry, have had that the recovery of CDW is seen as a solution to these problems.

The RCdiGREEN strategy responds, in a general way, to each one of the needs linked to sustainability (economic, social and environmental) and, in particular, 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, through the development of pilot projects to validate this strategy and the signing of an agreement that includes and guarantees the fulfilment of these established strategic lines.

RESULTS

- o Cross-border strategy with circular economy measures to construction that is based on adaptation to climate change through the use of CDW.
- o Recovery and implementation of CDW in construction.
- o Practical implementation and evaluation of environmental benefits in cross-border areas related to the use of CDW, taking into account new climate change and risk management measures.

SCOPE OF ACTION



2019-
2021

ICONS:

PROMOTING THE UNDERSTANDING OF BIM IN THE
CONSTRUCTION SECTOR



PROJECT ID

2019-1-IT01-KA202-007445

PROGRAMME

Erasmus+.

KA2 Cooperation and Innovation
for Good Practices.

WEB

[https://centroedilepalladio.it/
progetto-icons/](https://centroedilepalladio.it/progetto-icons/)

PARTNERSHIP



Scuola Costruzioni Vicenza
Andrea Palladio (IT)



Fundación Laboral de la Construcción (ES)
Universitat de Valencia (ES); ★
Bildungszentren des Baugewerbes e.V.



-BZB- (DE);
Westdeutscher Handwerkskammertag
-WHKT- (DE)



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



Coventry University (UK)

BUDGET

194.296 €

SUMMARY

Icons pursues the improvement of 'Innovation in the Construction Sector' by fostering the digital knowledge of construction workers, through the development of a training that offers tailored contents to help understand the technical and structural aspects of BIM (Building Information Modelling) system.

In this sense, the European initiative seeks to reduce the skills gap between the different workers involved in the building process through training. Its aim is to improve the digitalisation of works and to promote productivity, and sustainability of the sector at European level.

Icons is implemented in a didactic platform where the different BIM contents are available. These contents are also integrated into the training itinerary of the centres that the partner entities have in Spain, Italy, Slovenia and Germany.

RESULTS

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

SCOPE OF ACTION



2018-
2021

REFORME +:

INTERNATIONALISATION STRATEGY FOR VOCATIONAL
TRAINING STUDENTS AND TRAINEES



PROJECT ID

2018-1-FR01-KA202-047908

PROGRAMME


Erasmus+.


**KA2 Cooperation for Innovation
and the Exchange of Good Practices.**

WEB

www.reforme.org/

PARTNERSHIP

 Comité de Concertation et de
Coordination de l'Apprentissage du
Bâtiment 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)

BUDGET

146.765 €

SUMMARY

Six key institutions of construction sector training have come together to launch the Reforme+ Alliance and pursue the improvement of training and Work Based Learning (WBL) of trainees and sectoral workers, and their professional success.

This initiative boosts exchanges of good practices, experiences and learning activities between Spain, Portugal, France, Italy and Germany, with the aim of:

- Improving the image and attractiveness of trainees 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 partnership and voluntary cooperation by members. 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.

SCOPE OF ACTION



2020-
2021

BUILD YOUR FUTURE 2020:

ERASMUS+ MOBILITY GRANTS FOR STUDENTS
AND STAFF MOBILITY



PROYECT ID

2020-1-ES01-KA116-080002


PROGRAMME


European mobility for VET in energy rehabilitation, through European Union Erasmus+ scholarships for students and trainers, call 2020.

WEB

<https://www.fundacionlaboral.org/proyectos/formacion/movilidad/construye-tu-futuro-2020-2020-2021-programa-erasmus>

PARTNERSHIP

 Fundación Laboral de la Construcción (ES)

 Scuola Construzioni Vicenza Andrea Palladio (IT)

 CCCA-BTP (FR)

 Centre IFAPME Liege-Huy-Verviers ASBL (BE)

BUDGET

194.296 €

MOBILITY FOR STUDENTS

TOPIC: Training abroad in the field of energy efficiency and renovation.

PLACE: 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:

- Advanced degree in Excavation and Drilling Technician. Vocational Training Center at Huarte, Navarra.
- Medium level training cycle of Construction Technician. Vocational Training Center at Villanueva de Gállego (Zaragoza), Aragon.
- Basic training of Reforms and Maintenance. Vocational Training Center at Palma de Mallorca, Balearic islands. Scholarship duration: 2 weeks, within the teaching period and during their training.
- Scholarships: The scholarships will cover the costs of travel, board and accommodation. In addition, students will have legal and health coverage.

SELECTION: The scholarship selection and adjudication is carried out by Fundación Laboral de la Construcción, guaranteeing the principles of transparency and equality.

ACCREDITATION: For the validation and recognition of this experience we will give students with the Europass Mobility Document and the Europass Certificate Supplement.

In addition, the foreign host center will certificate the mobility process with a "Certificate of Work Placement", to confirm the results of the agreed learning programme.

SCOPE OF ACTION



2018-
2021

BUILD YOUR FUTURE 2020:

ERASMUS+ MOBILITY GRANTS FOR
STUDENTS AND STAFF MOBILITY



PROJECT ID

2020-1-ES01-KA116-080002





PROGRAMME

European mobility for VET in energy rehabilitation, through European Union Erasmus+ scholarships for students and trainers, call 2020.

WEB

<https://www.fundacionlaboral.org/proyectos/formacion/movilidad/construye-tu-futuro-2020-2020-2021-programa-erasmus>

PARTNERSHIP

-  Fundación Laboral de la Construcción (ES)
-  Scuola Costruzioni Vicenza Andrea Palladio (IT)
-  CCCA-BTP (FR)
-  Centre IFAPME Liege-Huy-Verviers ASBL (BE)

BUDGET

194.296 €

MOBILITY FOR TRAINING AND EMPLOYMENT MANAGERS

TOPIC: Exchange of good practices and mutual learning between centres of reference at international level.

PLACE: Belgium.

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

PARTICIPANTS: 12 Managers from the Training and Employment departments at Fundación Laboral de la Construcción.

DURATION: 1 week.

SCHOLARSHIP: The scholarships will cover the costs of travel, board and accommodation. In addition, students will have legal and health coverage.

SELECTION: The scholarship selection and adjudication is carried out by Fundación Laboral de la Construcción, guaranteeing the principles of transparency and equality.

ACTIVITIES: Workshops on energy efficiency and Dual Vocational Training, so they can learn about the advantages of the training and employment system in the host country. Training will also be provided on: country's opportunities, business participation in training, national qualification system, new training opportunities for employment and modernisation techniques implemented.

SCOPE OF ACTION



