



CENTRES OF VOCATIONAL EXCELLENCE IN ERASMUS+

Introduction

The Centres of Vocational Excellence (CoVE) are a driving force for reforms in Vocational Educational and Training (VET). The main objective is to ensure high quality skills that lead to quality employment and career-long opportunities, swiftly responding to the needs of an innovative, inclusive, and sustainable economy and society, contributing to increasing the attractiveness of VET.

CoVEs operate in a local context, creating skills ecosystems for innovation, regional development, and social inclusion, while working across borders with CoVEs partners in other countries. They act as catalysts for local business development and innovation, including for the digital and green transition, by working closely with companies (in particular SMEs) on applied research projects, creating knowledge and innovation hubs, as well as supporting entrepreneurial initiatives of their learners.

The Erasmus+ CoVEs are 4-year projects, and each project can receive up to EUR 4 million.

After two pilot calls in 2019 and 2020, the initiative has an Erasmus+ budget of EUR 400 million to fund 100 CoVEs projects in the period 2021-2027. Overall, 38 projects have been selected up to 2022. In this brochure, we present factsheets for all these projects that focus on a wide range of topics, from sectors linked to the digital and green transitions, to more traditional industries, to social inclusion and health care.

The projects are transnational partnerships that can involve countries with well-developed vocational excellence systems, as well as others in the process of developing similar approaches. The partnerships include a broad spectrum of stakeholders, from VET providers and local and regional authorities to businesses and other employers, social partners, universities of applied sciences, etc.

The projects cover a broad set of activities beyond development of training programmes and training delivery, under three clusters: 1) teaching and learning, 2) cooperation and partnerships, and 3) governance and funding. All projects must cover activities under all the clusters.

More information [here](#)

A map of the ongoing projects produced by the [CoVE's Community of Practice here](#)

Index as below containing hyperlinks to the projects websites

Project title	Topic
AccessCoVE	Social inclusion in VET
GIVE - Governance for Inclusive Vocational Excellence	Social dimension of VET
H2Excellence	Fuel cells and clean hydrogen
SECOVE – Sustainable Energy Centres Of Vocational Excellence	Clean and sustainable energy
SEED - Sustainable Energy Education	Sustainable energy
T-SHORE	Offshore renewable energy
3LoE – Three-level centres of professional excellence: Qualification, entrepreneurship and innovation in the Green Economy	Green economy
EPLUG – European Platform for Urban Greening	Urban greening
GREENOVET – European VET Excellence Platform for Green Innovation	Green innovation
TEAM#UP - Knowledge on ecological restoration to maximize benefits for nature and people	Ecological restoration, agriculture
PILOT POVE WATER - Pilot Platform of Vocational Excellence Water (PoVE Water)	Water
PoVE Water Scale-up	Water
BRIDGES Blue Region Initiatives for Developing Growth, Employability and Skills in the farming of finfish	Blue/Aquaculture
AEDIL DAIRY - European Excellence In Dairy Sector	Dairy/agriculture
AGRIFOOD4FUTURE - Centres of Vocational Excellence in Smart Farming and Sustainable Food Systems	Agriculture
AGRINEXT	Agriculture
EXCEED - Excellence In Green And Digital Manufacturing	Advanced manufacturing
Excellent Advanced Manufacturing 4.0 (Exam 4.0)	Manufacturing
LCAMP - Learner Centric Advanced Manufacturing Platform For Coves	Advanced Manufacturing
TALENTJOURNEY - Platform For CDS VET Excellence	Manufacturing
CARE about IT	HealthTech
EUVECA - European Platform For VET Excellence In Health Care	Healthcare
BuildSkills Academy	Construction
HABITABLE - Alliance of Centres of Excellence in Vocational Training for Sustainable Habitat	Habitat
AI4VET4AI - AI-powered Next Generation of VET	Artificial Intelligence
Digital Innovation Hub For Cloud Based Services (DIHUB)	Cloud and mobile technologies
ECOVEM – European Centre of Vocational Excellence in Microelectronics	Microelectronics
EULEP - The European Learning Experience Platform	Digital
EUROPEAN OPEN DESIGN SCHOOL FOR SUSTAINABLE REGIONAL DEVELOPMENT (DeuS)	Cultural and creative
FEA-VEE - Fashion Earth Alliance – Vocational Excellence And Enterprise United For Training, Policy Reform And Sustainability In The Fashion, Textiles And Apparel Industries	Fashion
MOSAIC - Mastering Job-Oriented Skills In Arts & Crafts Thanks To Inclusive Centres Of Vocational Excellence	Arts & Crafts
AILEEN - Centres of Vocational Excellence in Aerospace & Defence for Advanced Manufacturing	Aerospace and Defence
ALLVIEW – Alliance of Centres of Vocational Excellence in the Furniture and Wood Sector	Furniture and Wood
Auto-Cove 2.0 – Greening Europe with support of clean-tech-vehicle education	Automotive
CATALYST - European VET Excellence Centre for Leading Sustainable Systems and Business	SME
EE4M – Engineering Excellence for the Mobility Value Chain	Mobility value chain
TEACH4SD - Transforming Education Area and Competency Hub for Sustainable Development	Health, Trade, Entrepreneurship, Clothing and textiles, Construction
Coves For The Tourism Industry - TOURX	Tourism



ACCESSCOVE

Partnership for Excellence – Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2022 call

The **European Centre of Vocational Excellence in Accessibility** project's vision is to enhance social inclusion of people with disabilities by focusing on excellence in Vocational Education and Training. The project aims to establish a Centre of Vocational Excellence researching the requirements of people with disabilities as well as stakeholders' needs and priorities concerning accessibility issues. The data collected will form the VET programmes and curricula that will lead to the training frame and the certification of two new specialties: the Accessibility Certifier and the Accessibility Consultant. AccessCoVE will also target the upskilling and reskilling of specific groups, as well as of students in secondary and tertiary education.

Main objectives

- To enhance knowledge on social inclusion of people with disability.
- To provide new specialties delivering competences on how to better integrate people with accessibility.
- To develop a knowledge platform on accessibility issues informing policymaking regarding inclusion in society and accessible digitalisation.

Main deliverables

- Innovative VET programmes with respective teaching and learning activities and tools.
- New specialties that will open new job opportunities while covering the needs that already put pressure on the business sector (the Accessibility Certifier and the Accessibility Consultant).
- Constant horizontal and vertical cooperation between the VET providers, companies, chambers, federations, HEIs, and regional authorities throughout the project.

Project duration **4 years**

EU grant **€ 3.315.161**

Lead organisation **University of Macedonia**

Location **Egnatia Street 156, 54006 Thessaloniki, Greece**

Partners

GREECE University of Macedonia; Gnomon Plirophorikis Ae; Mantzanakis S. Kai Sia O.e.; Ucert Monoprosopi I.k.e; Smarteching Education IKE; Panellinios Omospondia Xenodohon; Region of Central Macedonia; Syndesmos Epicheiriseon Pliroforikis Voreias Elladas. **ITALY** Politecnico Di Torino, Italy; Città Sotto Scacco STP Srl; Remoove srl, Italy; E.ri.fo.-Ente Di Ricerca E Formazione; Fondazione ASPHI Onlus. **SPAIN** HABI diseño accesible SL; Everycode S,L.; Centro Superior De Formacion Europa-Sur Sa; Parque Tecnologico De Andalucia Sa-Pta; Confederacion Espanola De Personas Con Discapacidad Fisica Y Organica – Cocemfe; Camara Oficial De Comercio, Industria, Servicios Y Navegacion De Granada. **SWEDEN** Kungliga Tekniska Hoegskolan; Begripsam AB; Changemaker Educations AB.

Countries
Greece, Italy,
Spain, Sweden



For more information

ec.europa.eu/social/vocational-excellence

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GIVE - Governance for Inclusive Vocational Excellence

Pilot projects selected for funding ERASMUS+ Support for Policy Reform 2020 Call

GIVE is essentially focused on the social dimension of VET. The project aims at designing and developing a European Platform of Centres of Excellence devoted to innovating VET sector for the social inclusion of individuals belonging to disadvantaged groups, by creating an educational environment to facilitate target groups to acquire a set of soft skills and support their transition to the labour market. This Platform of Inclusive Excellence will be a solid focal point for inclusive governance and training practices (theory, activities, tools) able to foster VET excellence.

Main objectives

- Implement and promote inclusive governance models for the management and development of VET centres and agencies.
- Implement and promote at an international level educational approaches and tools specifically aimed at the social inclusion of disadvantaged learners.
- Implement and promote models for the design and implementation of effective training-work transition activities

Main deliverables

- Establishment of a Centre on Inclusive Vocational Excellence
- Draft and implementation of a reference framework for enabling and promoting innovative and inclusive pedagogies and related anticipatory, entrepreneurial and agile governance
- Development of didactic methods and tools specifically aimed to the social inclusion of disadvantaged people
- Provision of a set of training/teaching techniques that are learner-centred, adaptive, reality-based and with practice-theory approach

EU grant
€ 3.928.250

Project duration
4 years

Lead organisation
**Cometa Formazione Società
Cooperativa Sociale**

Location
**Via Madruzzo 36
22100 Como, Italy**

Countries
**Belgium, Finland, Italy, Malta,
Romania, Spain**

Partners

Belgium

EfVET - European forum of technical and Vocational
Education and Training

Finland

Espoon seudun koulutuskuntayhtymä omnia;
Green Berry Oy;
Häme University of Applied Sciences;

Italy

GI GROUP SPA;

Malta

Malta college of Arts, Science and Technology;
The Malta Chamber of Commerce and Enterprise
Association;

Romania

University of Bucharest;

Spain

Centro San Viator;
Lantegi Batuak.

Associated partners
**3 from the EU;
2 from outside the EU
(Belarus, Tunisia).**

Type of partners
**6 VET Providers; 4 Companies, Industry
or Sector Representatives; 1 Higher
Education Institution; 2 Non-Governmental
Organisations/Associations; 3 Public
Authorities.**



For more information

ec.europa.eu/social/vocational-excellence



H2EXCELLENCE

Partnership for Excellence – Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2022 call

The **Fuel Cells and Green Hydrogen Centres of Vocational Excellence towards affordable, secure, and sustainable energy for Europe** project aims to close the existing skills gap in the fuel cells and clean hydrogen industry. The project will establish the H2Excellence Platform of Vocational Excellence that will create and implement lifelong learning offers and develop transnational curricula. In addition, by creating local clusters in a subset of countries with high potential for industry and the development of training programs and curricula, the desired impact of the project is to contribute to the energy transition targets laid out in the European Green Deal.

Main objectives

- To support the goals of the European Green Deal by creating an educational offer that will tackle skills gaps in the sector of fuel cells and clean hydrogen technology.
- To create pan-European knowledge centres to become a benchmark in training, research, knowledge-transfer, and awareness-raising on fuel cells and green hydrogen technology.
- To map and integrate green hydrogen in local regional economic and innovative systems to contribute to quality employment and career-long opportunities in the sector.

Main deliverables

- Connect and build 6 national CoVEs on green hydrogen technologies within an international European platform of Centres of Vocational Excellence on green hydrogen technologies and applications.
- Investigate state of the art, national/regional hydrogen roadmaps, and large-scale emerging hydrogen projects driving the need for new/upgraded market skills. To assess skill market

needs based on company survey consultations, followed by identification of profiles and competencies needs for development and requalification of professional profiles.

- Design, deploy and pilot different EQF level (3-8) lifelong and professional trainings, education programmes and qualification (for learners, workforce, teachers) in green hydrogen value chain areas including production, transportation, storage, and applications.
- Design, deploy and pilot a teacher upskilling training programme, equipping VET trainers with skills and expertise to teach FC and hydrogen technologies.
- Design, develop and pilot a mobility programme dedicated to support teachers, students, and staff in mobility actions across CoVEs.
- Design and develop open innovation, competitions and flagship projects oriented towards the increase of the attractiveness of the sector among VET students, teachers, engineers, and professionals.
- Design and develop training and technical support initiatives for SMEs in green hydrogen technologies, addressing technical, training, and reskilling topics.
- Design, plan, and pilot dedicated learning environment/lab (physical lab) to support the development of H2Excellence e-learning interactive activities in Green Hydrogen technologies and more broadly for teaching and training hydrogen related subjects to staff, students, and lifelong learners.

Project duration **4 years**

EU grant **€ 3.996.343**

Lead organisation **Vaasa University of Applied Sciences**

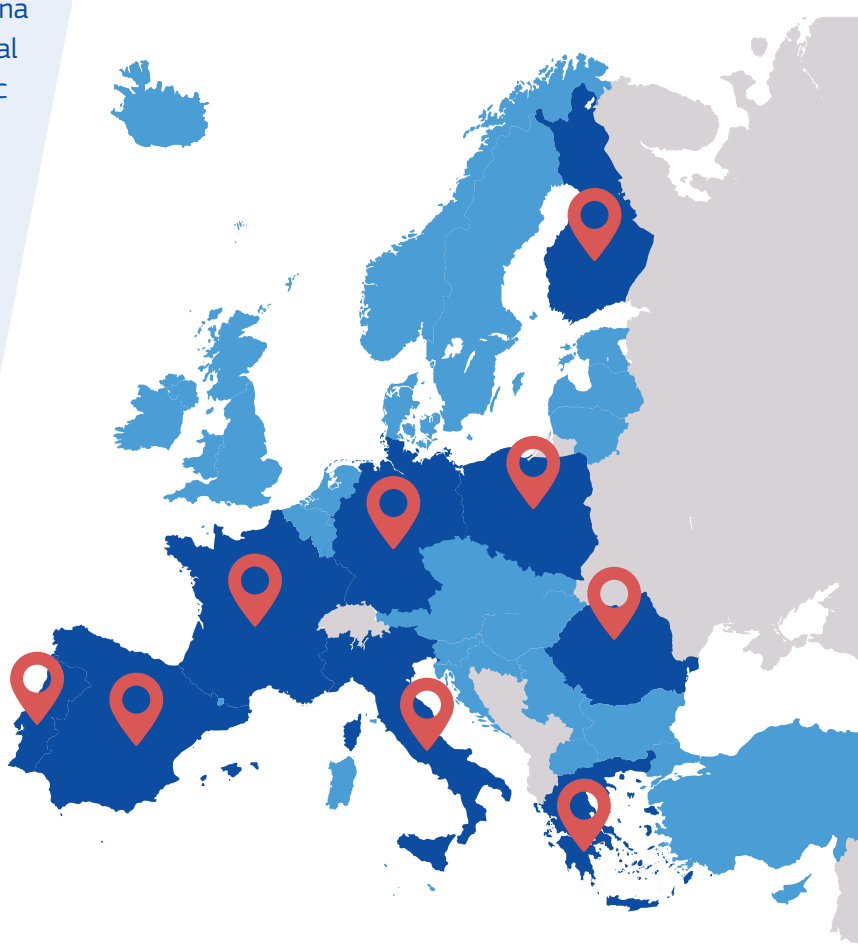
Location **Wolffintie 30, 65200 Vaasa, Finland**

Partners

FINLAND Vaasa University of Applied Sciences; Oy Merinova Ab; Vaasan Kaupunki. **FRANCE** Pôle Véhicule du Future.

GERMANY Europäischer Verband Beruflicher Bildungsträger (Evbb) Ev. **GREECE** Eeo Group SA. **ITALY** National Agency for New Technologies, Energy and Sustainable Economic Development; University of Perugia; Enti CONfindustriali Lombardi per l'Education; Federation of Scientific and Technical Associations; Atena scarl - Distretto Alta tecnologia Energia Ambiente Italy. **POLAND** Regionalna Izba Gospodarcza Pomorza. **PORTUGAL** National Laboratory for Energy and Geology; Polytechnic Institute of Portalegre; Instituto de Soldadura e Qualidade. **ROMANIA** Ascendis Consulting. **SPAIN** Centro Superior de Formación Europa Sur; Mondragon Goi Eskola Politeknikoa Jose Maria Arizmendiarieta S Coop; Energy Cluster of Valencia Region; Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas; University of Malaga; Parque Tecnológico De Andalucía Sa-Pta.

Countries
Finland, France,
Germany, Greece, Italy,
Poland, Portugal,
Romania, Spain



For more information

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SECOVE – SUSTAINABLE ENERGY CENTRES OF VOCATIONAL EXCELLENCE

Partnership for Excellence - Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2021 call

SECOVE aims to establish a platform of Centres of Vocational Excellence across 5 different European countries whose main goal is to mainstream a European culture of innovation, inclusiveness, and excellence in the sector of sustainable and renewable energies. The platform will be based on a solid transnational dialogue between locally established VET centres, business organizations, public actors and other relevant stakeholders to ensure the maximum degree of engagement and osmosis between VET sector and the industry.

Main objectives

- To promote learner-centred and inclusive Vocational Education;
- To promote innovation, creativity and entrepreneurial mindset;
- To support work-based learning at national and transnational level;
- To attract more women at all ages and from all backgrounds in technical occupations;
- To promote quality culture and European and international quality standards;
- To ensure the sustainability of the SECOVE platform, through engagement of stakeholders, alignment of the platform with Smart Specialisation Strategies and securing governance and financing.

Main deliverables

- Set up of the SECOVE platform based on excellence in VET education for sustainable energy
- Policy recommendations for the alignments of VET courses to Smart Specialisations Strategies (RIS3)
- Partnerships between businesses and education providers for the provision of work-based learning opportunities
- SECOVE Observatory on inclusiveness and attractiveness of VET practices
- Innovation hubs as structures within SECOVE for the development of innovation-oriented research.

Project duration **4 years**

EU grant **€ 3.750.688**

Lead organisation **University of West Attica**

Location **Petrou Ralli kai Thivon, Aigaleo, 12244, Greece**

Partners

GREECE IIEK Delta; DIEK Aigaleo; Chamber of Small and Medium Sized Industries of Piraeus; IDEC; CRES;

SPAIN Politeknika Ikastegia Txorrieri; ONDOAN; GAIA;

ITALY CIOFS-FP; Università degli studi di Roma La Sapienza; RI.EL.CO Impianti srl; Regione autonoma della Sardegna;

SLOVAKIA Technical University of Kosice; IZOLA; Stredná priemyselná škola stavebná a geodetická; LOVENSKA KOMORA STAVEBNÝCH INŽINIEROV; ASTRA;

PORTUGAL Omegaflow; IPP; ENERGAIA; INOVA+.

Countries
Greece, Spain,
Italy, Slovakia,
Portugal



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SEED

Partnership for Excellence - Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2021 call

‘Sustainable Energy Education’ realizes impact to global climate change prevention with excellent and innovative vocational education on solutions to become a fossil free energy continent. SEED sees vocational education, as an important driver for innovation and growth that therefor needs to be agile in adapting to the labor market.

Main objectives

- To prepare learners, students and existing professionals with the necessary skills and competencies for the future
- To empower regional innovation based on regional needs, by reinforcing the connections within the regions
- To scale up and make good practices explicit, enriched with experience value to promote attractiveness of work-based education
- To establish an international learning community, with shared standards, approaches, tools, experiences and lessons learned to effectuate knowledge exchange and mobility of staff and students, to achieve excellence in vocational education
- To establish and extend five COVES, one in each region

Main deliverables

- Create 5 regional development plans on the regional needs and the skills needed to innovate
- “Regional databases” of opportunities for student/professional development will be created and integrated in the existing structure of the participating VET institutions
- Workshops will be organised in the regions to involve the local stakeholders in the development of the local COVES.
- Elaboration of a manual on description of good practices

Project duration **4 years**

EU grant **€ 3.950.097**

Lead organisation **Stichting Hogeschool Utrecht**

Location **Padualaan 99, 3584 Utrecht, The Netherlands**

Partners

NETHERLANDS IIEK Roc Midden Nederland; PBT; Stichting Innovat.lon;

FINLAND Turku University Of Applied Sciences; Raisio education and training consortium; Solar Finland Oy;

SPAIN UPV; DG Formación Profesional Y Enseñanza; AVAESSEN;

GERMANY Hochschule Bochum; E-BILITY;

GREECE UOWM; Enel Green Power Hellas;

Associated partners

NETHERLANDS Ministerie Van Economische Zaken En Klimaat; Brede Stroomversnelling;

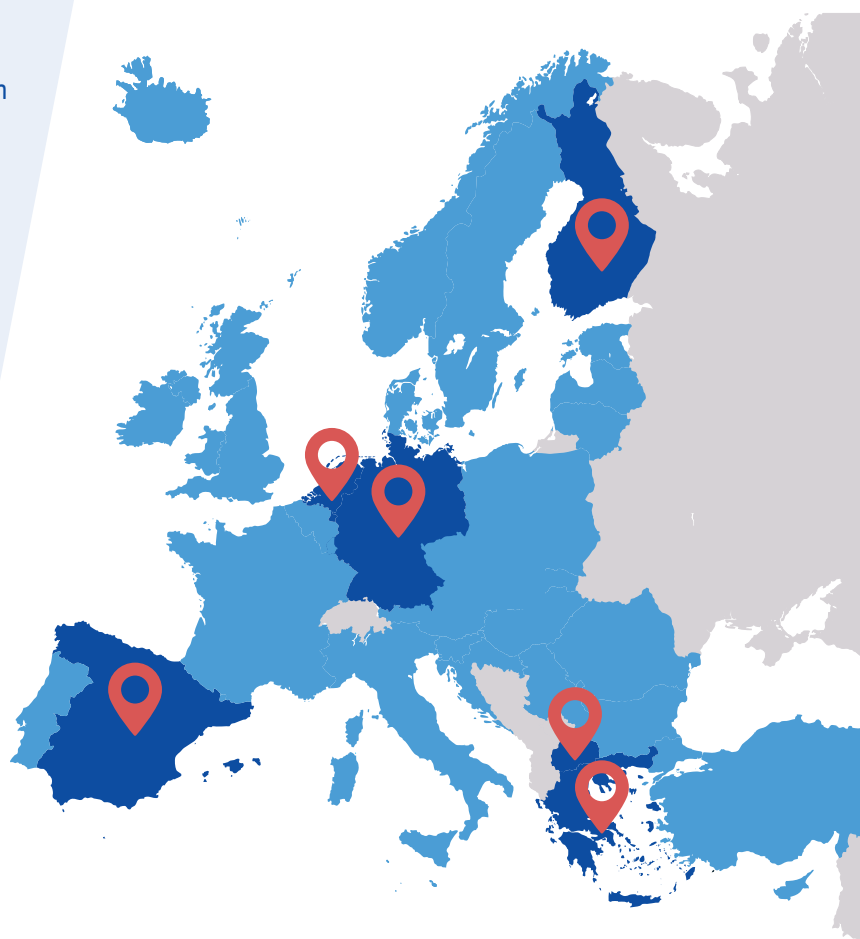
FINLAND Varsinais-Suomen Liitto; Elcon Solutions Oy, FI; Rexel Finland Oy;

SPAIN Las Naves; HIDRAQUA; VPF; ETRA; Vicepresidència Segona i Conselleria d'Habitatge i Arquitectura Bioclimàtica; Ayuntamiento de Alcobendas;

GERMANY Green Power Brains; Ruhrvalley Cluster Ev; VDV-Akademie e.V.; Suncrafter; Carbon Minds;

GREECE Municipal District Heating Company of the Wider Region of Amyntaio; Professional Training Centre "Orama"; BIO2CHP PC; AEPEK;

NORTH MACEDONIA University St Kliment Ohridski Bitola; Cluster Of Bioeconomy And Environment Of Western Macedonia.



For more information

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T-SHORE

Partnership for Excellence - Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2021 call

Innovative approaches for skills provision in the offshore renewable energy sector and blue economy. Linking offshore-energy-hotspots spread across Europe and stimulate innovation and collaboration between VET providers, industry and research institutes.

Main objectives

- To become a regional lighthouse and a vocational centre securing development of vocational education to support the Offshore Renewable energy market
- To support the Green Power transition Europe is undergoing by focusing on new green competence demand

Main deliverables

- The development and establishment of a European network of VET-schools and VET training Centers in Offshore wind energy including infrastructure for innovation available in various areas.
- Establishing strong links between businesses, research and VET providers and combining these stakeholders to meet the industry's skills needs
- Understand and define new competency profiles and developing advanced digital and evidence based educational training methods and materials in a work-based learning environment

Project duration **4 years**

EU grant **€ 3.999.095**

Lead organisation **Skilliant**

Location **Spoorwegstraat 14, 8200 Brugge, Belgium**

Partners

NETHERLANDS Stichting Noorderpoort, Stichting Platform Beta En Techniek (Katapult); Scalda Stichting voor middelbaar beroepsonderwijs en educatie; Stichting Technologie Centrum (TCNN/NNOW) Noord-Nederland; Stichting World Class Maintenance;

IRELAND Letterkenny Institute Of Technology; IWEA CLG t/a Wind Energy Ireland;

DENMARK Skive College; Ørsted A/S; CEMTEC FONDEN (Hydrogen Valley);

NORWAY Fagskolen Rogaland studiested Stavanger; Energy Innovation AS;

BELGIUM Provinciale Ontwikkelingsmaatschappij West-Vlaanderen.

Countries
Belgium, Denmark,
Ireland,
Netherlands,
Norway



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3LoE – Three-level centres of professional excellence:

Qualification, entrepreneurship and innovation
in the Green Economy

Pilot projects selected for funding ERASMUS+ Support for Policy Reform 2020 Call

The comprehensive provision of green skills is a key priority of 3LoE. Addressing the challenges of energy, climate and environmental protection, 3LoE establishes Centres of Vocational Excellence on green economy and implements a wide range of vocational education, training and higher education measures concerning green economy, digitalization and entrepreneurship.

Main objectives:

- Sustainably upgrade skills, secure the need for young professionals/managers and entrepreneurs, and strengthen the competitiveness of SMEs in the green economy
- Realise energy savings, use renewable energies and environmental and climate protection through qualified and innovative SMEs.

Main deliverables:

- Implementation of dual vocational training in education, training and higher education, with an intensive partnership between the places of learning (companies – centres)
- Development of sustainable partnerships between centres of excellence and SMEs, organised and secured on a permanent basis by chambers.
- Improvement of the skills of SME professionals and managers in green economy activities:
- Promotion of entrepreneurship in the green economy and securing of business transfers and start-ups by increasing the number and quality of young entrepreneurs' activities

EU grant
€ 3.885.643

Project duration
4 years

Lead organisation
Hanse-Parlament

Location
**Blankeneser Landstrasse 7
22587 Hamburg, Germany**

Partners

Germany

Handwerkskammer Dresden;
Berufsakademie Hamburg;

Poland

Izba Rzemieslnicza Malej i Sredniej Przedsiębiorczosci;
Zespol Szkol Mechanicznych i Logistycznych im. inż.;
Tadeusza Tanskiego;
Akademia Pomorska w Slupsku;

Lithuania

Profesinio Mokymo Centras Žirmūnai;
Panevėžio Prekybos Pramonės ir Amatu Rūmai;
Panevėžio Kolegija;

Latvia

Latvijas Amatniecības Kamara;
Rīga Stradiņa Universitāte;
Rīgas Makslas un Mediju Tehnikums;

Austria

Wirtschaftskammer Österreich;
Wirtschaftsförderungsinstitut der Wirtschaftskammer
Steiermark;
Campus 02 Fachhochschule der Wirtschaft GmbH;

Italy

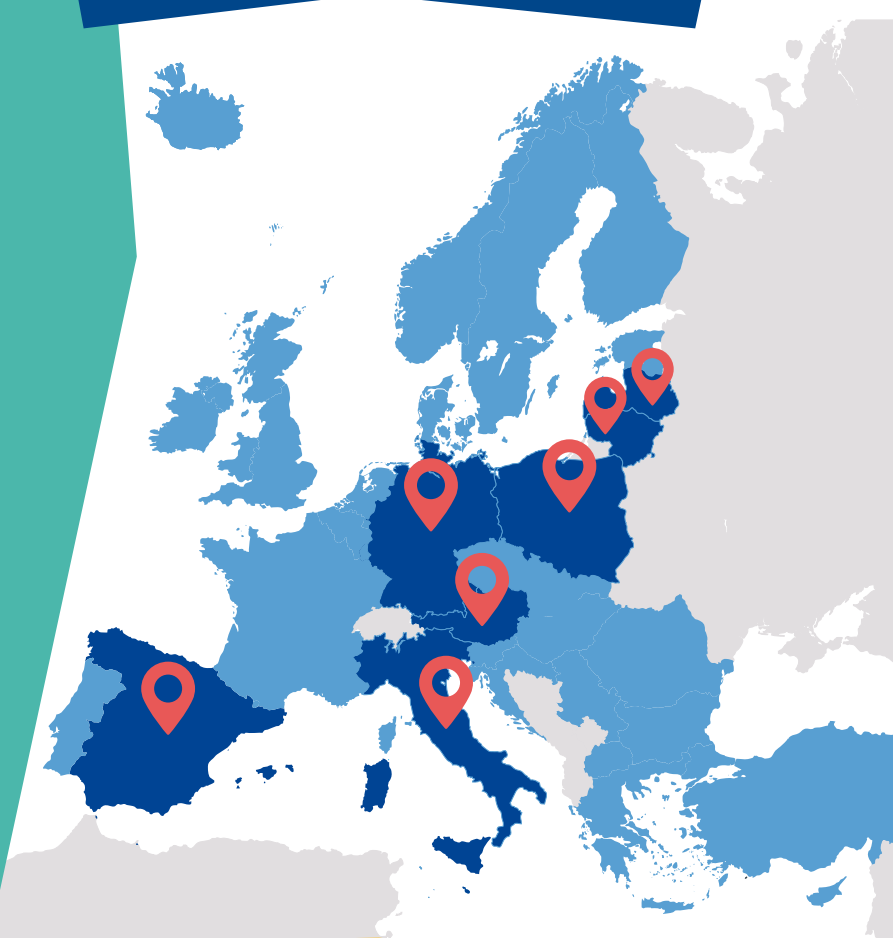
t2i - Trasferimento Tecnologico e Innovazione Scarl;
SFC - Sistemi Formativi Confindustria S.p.A.;
Agricultural Technical Institute Emilio Sereni;

Spain

SOREA;
Institut Pere Martell;
Departament d'Educació- Generalitat de Catalunya.

Countries

Germany, Austria, Italy, Latvia,
Lithuania, Poland, Spain



Associated partners
60 from the EU

Type of partners

19 VET Providers; **34** Companies,
Industry or Sector Representatives;
5 Public Authorities; **14** Higher
Education Institutions; **6** Research
Centres; **3** Non-Governmental
Organisations/Associations



For more information

ec.europa.eu/social/vocational-excellence



EPLUG – European Platform for Urban Greening

Pilot projects selected for funding ERASMUS+ Support for Policy Reform 2020 Call

EPLUG aims to increase the knowledge and skills required to address biodiversity, climate adaptation and well-being in the urban, green living environment, and to broaden the expertise among professionals in Europe. The project specifically addresses the development of innovative curricula and teaching methodologies in the field of urban green landscaping, in order to rise the quality and adaptability of the skills ecosystem.

Main objectives

- Provide a space to identify current needs in the field of urban green landscaping
- Create a training and experience centre to tackle learning needs within the skills ecosystem, specifically on vertical green landscaping
- Co-create relevant, innovative and attractive curriculum on biodiversity, climate adaptation and well-being in the urban, green living environment
- Strengthen the full green education column
- Facilitate translating scientific findings into practical conduct for green professionals all over Europe
- Improve the relevance and image of VET programs on urban green landscaping

Main deliverables

- 6 Centres of Vocational Excellence
- Training offer for a continuing professional development of VET teachers
- Innovative curricula for students and employees in the field of urban green landscaping
- Development of an experience centre on vertical green landscaping
- Virtual and blended learning methods for students and employees

EU grant
€ 3.999.803

Project duration
4 years

Lead organisation
Stichting Wellant

Location
**De Molen 94, 3995 AX
Houten, Netherlands**

Partners

Belgium

European Landscape Contractors Association;

Czech Republic

Vyssi odborná škola a Střední zemědělská škola, Benesov, Mendelova;
ITTEC, s.r.o.;

Denmark

Jordbrugets Uddannelsescenter Århus;
OK Nygaard, Denmark;

Finland

Ahlmanin koulun säätiö;
VRJ Group;

Netherlands

Stichting Platform Beta en Techniek;
Koninklijke Ginkel Groep BV;

Romania

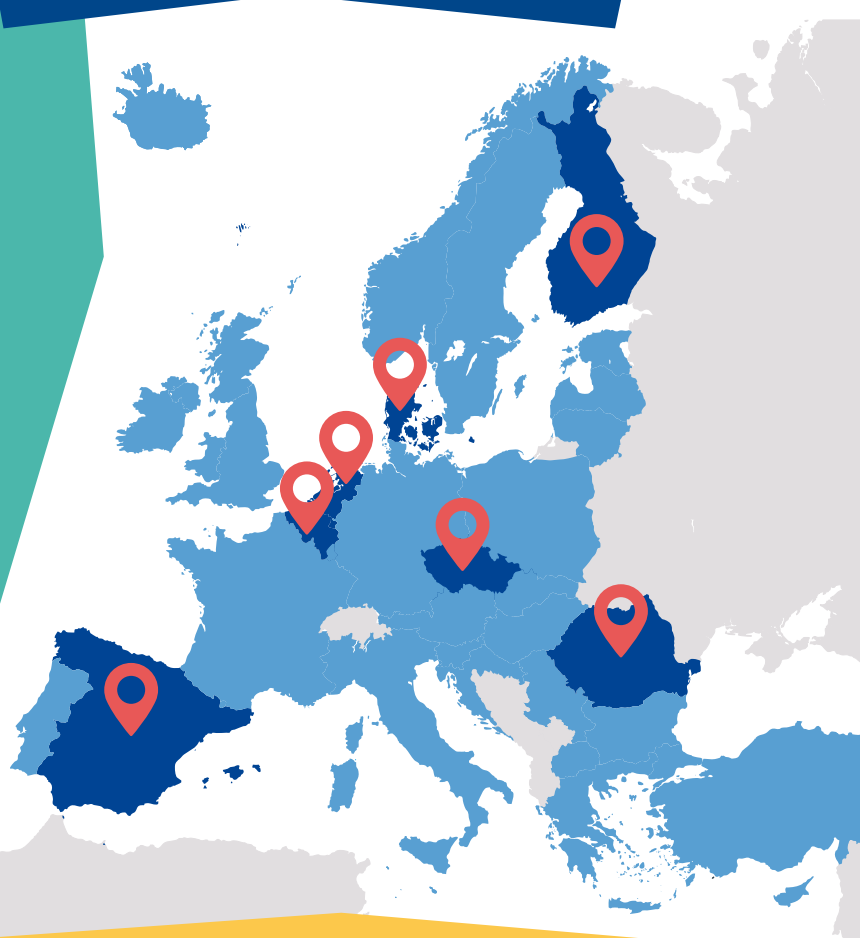
Liceul Tehnologic Cezar Nicolau;
Terano Construct SRL;
Fundatia Worldskills Romania;

Spain

Federación EFAS CV La Malvesia;
Paisajistas del Mediterráneo S.L.

Countries

**Belgium, Czech Republic, Denmark,
Finland, Netherlands, Romania, Spain**



Associated partners
11 from the EU

Type of partners

**6 VET Providers; 10 Companies, Industry or
Sector Representatives; 1 Public Organisation;
1 Foundation; 3 Associations; 4 Public
Authorities; 1 Consortium.**



For more information

ec.europa.eu/social/vocational-excellence



GREENOVET – European VET Excellence Platform for Green Innovation

Pilot projects selected for funding ERASMUS+ Support for Policy Reform 2020 Call

GREENOVET fosters VET Excellence in Green Innovation across Europe enabling innovative, inclusive and sustainable economy. The project fosters the development of skills ecosystems, contributing to regional development, as well as boosting green and sustainable economic growth. It aims at developing significant capacities for green innovation to teachers and students in all EQF levels, industry representatives and companies.

Main objectives

- Boost Green Innovation in Europe
- Develop European best practice strategies for collaboration among VET providers at EQF Levels 4-8 and Green technology
- Foster environmental, social and economic development in Europe, through green and sustainable innovation processes enabled by VET excellence
- Empower VET graduates' long-term (self-)employability in the changing future labour market landscape through the development of an innovative, entrepreneurial and sustainable mind-set.

Main deliverables

- Development of an international cooperation platform of Vocational Excellence in Green Innovation
- White paper on a model of the structure of regional Green Innovation CoVEs
- Development of an analysis tool for measuring innovation and education capacities of VET providers
- Training programmes for teachers, lecturers and trainers in VET education
- Setting up of an International Quality Assurance for VET excellence in Green Innovation

EU grant
€ 3.505.595

Project duration
4 years

Lead organisation
FH Joanneum Gesellschaft mbH

Location
**Alte Poststrasse 149
8020 Graz, Austria**

Partners

Austria

Technische Universität Graz;
3s Unternehmensberatung GmbH;
Green Tech Cluster Styria GmbH;
HTL Bulme Graz - Gösting;
Wirtschaftskammer Steiermark;

Finland

Vaasan Yliopisto;
Vaasan Kaupunki;
OY Merinova Technology Centre;
AB Yrkeshogskolan Vid Abo Akademi / Novia;

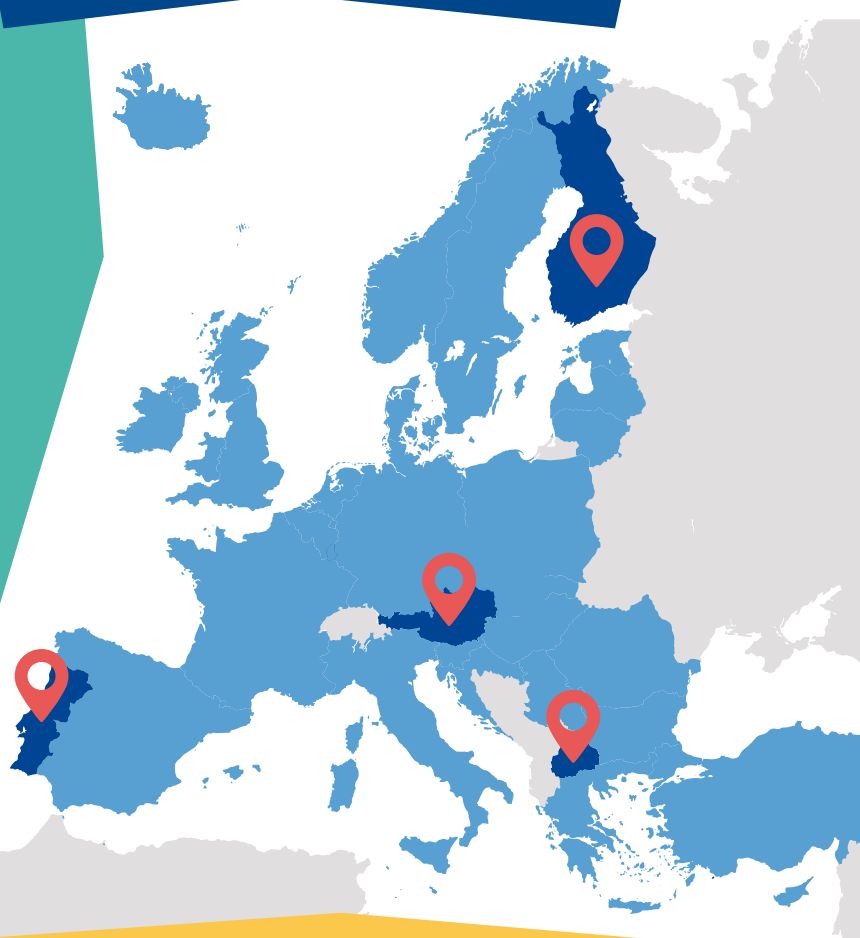
Portugal

Instituto Politecnico de Leiria / Polytechnic of Leiria;
Escola Tecnológica, Artística e Profissional de Pombal;
NERLEI - Associação Empresarial da Região de Leiria;

North Macedonia

Faculty of Mechanical Engineering Ss. Cyril and
Methodius University in Skopje;
National Centre for Development of Innovation and
Entrepreneurial Learning;
ASUC Boro Petrushevski;
Rade Koncar TEP;
Macedonian Chambers of Commerce.

Countries
**Austria, Finland, Portugal,
Republic of North Macedonia**



Associated partners
15 from the EU

Type of partners
**12 VET Providers; 19 Companies,
Industry or Sector Representatives;
1 Research Agency; 1 Public Authority**



For more information

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TEAM#UP

Partnership for Excellence – Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2022 call

The **Knowledge on ecological restoration to maximize benefits for nature and people** (TEAM#UP) project's vision is to mobilise extensive knowledge and to enhance skills in the field of ecological restoration. The project aims to fill gaps in green Vocational Education and Training by setting up four Centres of Vocational Excellence, each focusing on a relevant subtopic. The CoVEs will develop curricula for EQF levels 4-5 while supporting the transfer of knowledge to VET schools and practitioners in agriculture, forestry, and landscaping. The overall ambition of the project is to address the ongoing biodiversity loss and habitat degradation and to strengthen ecosystem functions and services in the face of climate change.

Main objectives

- To facilitate the transition to a greener and more climate-resilient society through skills development in ecological restoration.
- To shape a generation of professionals within VET, skilled to implement nature-based environmentally smart solutions.
- To support the transfer of innovation to practitioners via VET.
- Provide 4 curricula on the EQF levels 4-5 to support the transfer of innovation to practitioners in agriculture, forestry, and landscaping.
- Accompany other VET schools in the partnering countries in implementing the upgraded curriculum in their regular teaching.
- Student-led demonstration sites on ER will spur hands-on skills, responsibility and autonomy.
- Teachers will learn to teach students to visualize demonstration sites with augmented/virtual reality approaches.
- Students will benefit from training in business development, e.g., by an Ideathon to identify realistic ER business models.
- Educational resources and visualized demonstration sites will be made available in a multilingual OER platform: a Digital Ecological Restoration Toolbox (DERTO).

Main deliverables

- Establishment of 4 Centres of Vocational Excellence on: multifunctional and sustainable land use in agricultural systems (Germany), restoration of old infrastructure, ecological compensation and landscaping (Norway), restoration across urban and rural landscapes (Czechia), forest restoration and disaster risk management (Spain).

Project duration **4 years**

EU grant **€ 3.929.798**

Lead organisation **Anhalt University of Applied Sciences**

Location **Bernburger Straße 55, 06366 Koethen, Germany**

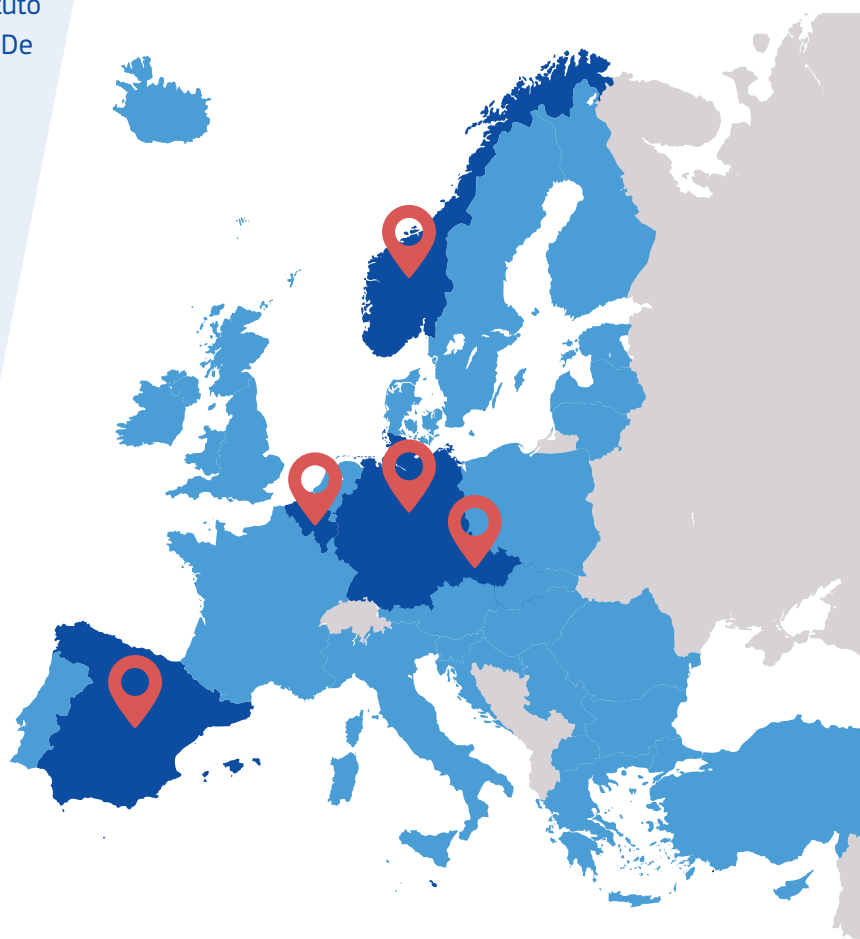
Partners

BELGIUM European Chapter Of The Society For Ecological Restoration Ser International. **CZECHIA** Jihočeská Univerzita V Českých Budejovicích; Vyšší Odborná Škola A Střední Zemědělská Škola ; Pro-Bio Svaz Ekologických Zemědělců, z.s. **GERMANY** Anhalt University of Applied Sciences; Fachschule für Landwirtschaft; Stiftung Kulturlandschaft Sachsen-Anhalt; DLG EV. **NORWAY** Stiftelsen Norsk Institutt For Naturforskning Nina; Norges grønne fagskole – Veia; Hæhre Entreprenør AS. **SPAIN** Universidad De Alicante; Instituto De Enseñanza Secundaria El Palmeral; Consellería De Educación, Cultura Y Deporte; Agresta S Coop.

Associated Partners

CZECHIA Nature Conservation Agency Of The Czech Republic. **GERMANY** Ministerium für Wirtschaft, Tourismus, Landwirtschaft und Forsten des Landes Sachsen-Anhalt; Naturgarten e.V. **NORWAY** Miljødirektoratet. **SPAIN** Fundación Global Nature; Centre per a la Investigació i l'Experimentació Forestal (CIEF).

Countries
Belgium, Czechia,
Germany,
Norway, Spain



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PILOT POVE WATER – Pilot Platform of Vocational Excellence Water

Pilot projects selected for funding ERASMUS+ Sector Skills Alliances 2019 Call EAC A03/2018

PoVE Water is a transnational project that draws on existing and emerging vocational competences and skills needs in the water sector, translating them into an approach of vocational excellence. This ensures upward convergence of VET with (EU) knowledge triangles and a strong engagement with the regional economic and social ecosystems. The project intends to create the infrastructure necessary to embed vocational excellence in the water sector in Europe, thus laying the grounds for vocational curriculum development and consequently competence development of VET students.

Project aims:

- Ensure that VET is at the forefront of research and technological developments in the water sector;
- Ensure that current and future water sector professionals have the work attitude, knowledge and competences that the rapid changing EU water industry demands;
- Identify the existing and emerging labour market needs and enhance the responsiveness of initial and continuing VET systems to these needs;
- Promote synergies, cooperation and cross-fertilisation.

Main deliverables:

- Vocational Excellence Scanning tools to identify the existing systems of Vocational Excellence of the participating organisations and prepare the knowledge sharing process;
- 5 Centres of Vocational Excellence Water, acting up as regional 'Skills ecosystems';
- The platform of Vocational Excellence Water, bringing an EU dimension to Vocational Excellence in the water sector;
- An Upscaling strategy, for the PoVE Water, to grow and create a critical mass and sustainable ground for further development.

EU grant
€ 998.022

Project duration
2 years

Website
povewater.eu

Lead organisation
**Friesland college Stichting voor
Algemeen Voortgezet Onderwijs**

Location
**Julianalaan 97
Leeuwarden 8900 AA, Nederland**

Countries
**Netherlands, Belgium, Czechia,
Latvia, Malta, United Kingdom**

Partners

Belgium

European Forum of Technical and Vocational Education and Training;

Czechia

Crea hydro&energy zs;
Mendelova univerzita v Brne;

Latvia

Olaines mehanikas un tehnologijas Koledza;
Rigas tehniska universitate;

Malta

Malta college of arts science and technology;
Water services corporation – WSC;

Netherlands

Learning hub Friesland foundation;
Stichting platform beta en techniek;
Vitens nv;

United Kingdom

Glasgow Clyde college - the board of management of Glasgow Clyde college.

Associated partners
37 from the EU

Type of partners

14 VET-Providers; **18** Companies, Industries or Sector Representatives; **1** Higher Education Institution; **1** Accreditation Body; **1** Research Centre; **9** Public Bodies; **3** Research Centres; **1** Innovation Hub; **1** Non-Governmental Organisation/Association

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POVE WATER SCALE-UP

Partnership for Excellence - Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2021 call

PoVE Water Scale-up is a joint initiative of 8 VET schools, 7 Water industry professionals, 4 academic partners and 4 support partners in Europe and beyond to educate our VET students to become agile, digitally skilled and sustainable oriented water sector professionals that our future desperately needs. PoVE Water Scale up builds on the partnership that was initiated in the Pilot PoVE Water project.

Main objectives

- Ensuring that current and future water sector professionals have the key skills & competences demanded by the Sector
- Meeting the needs of an innovative, inclusive, sustainable economy
- Building EU and global recognition for PoVE Water as a worldwide point of reference for VET in the water sector
- Future proof the workforce for the Water sector and avoid a brain- & skillsdrain

Main deliverables

- Expand the holistic approach to Vocational Excellence in the EU Water sector by securing a central role of VET in the regional Innovation Ecosystems
- Expand PoVE Water by setting up and interlinking CoVE Water networks that operate on regional level
- Drive innovation by developing contemporary Digital and Virtual Reality learning materials
- Increasing student's, teacher's and professional's competence for international activities

Project duration **4 years**

EU grant **€ 3.995.484,00**

Lead organisation **Friesland College CIV Water**

Location **Leeuwarden, The Netherlands**

Partners

BELGIUM European Forum Of Technical And Vocational Education And Training;

CZECHIA Mendelova Univerzita V Brne; CREA Hydro&Energy; SPŠS BRNO VET College; Lipka – school facility for environmental education;

ESTONIA JKHK VET College; Estonian Waterworks Association;

GERMANY Hanse Parlament; Women Engage For A Common Future;

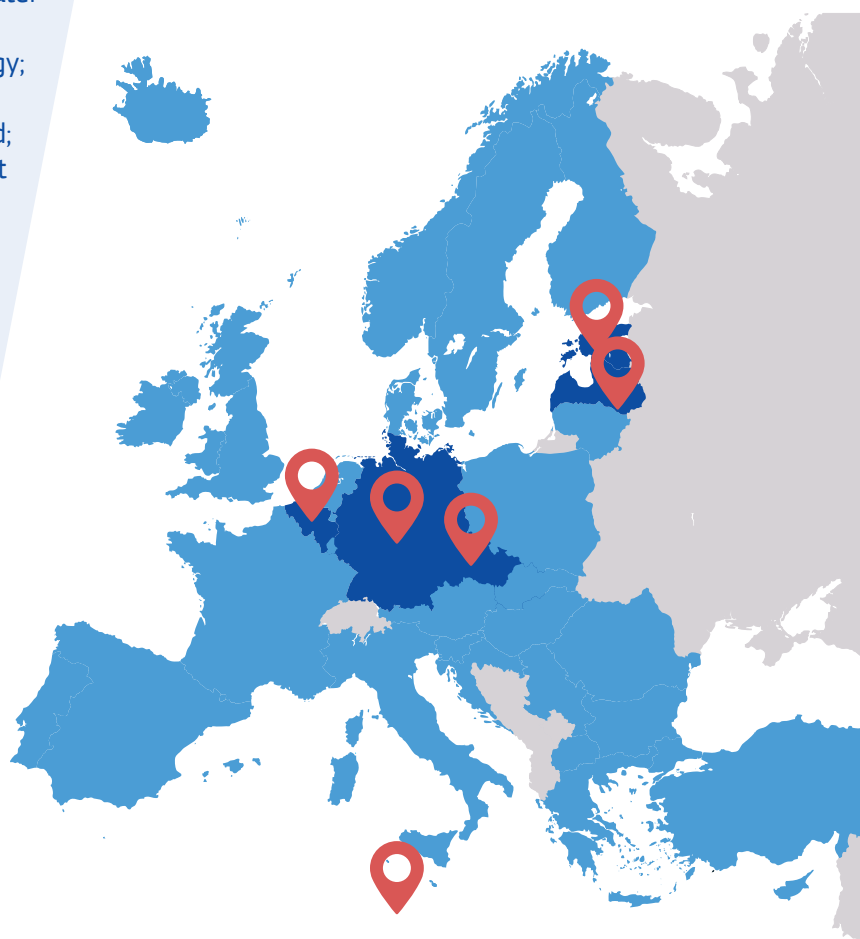
LATVIA Rigas Tehniska Universitate; RTU OLAINĒ VET College; DBT VET College; VTDT VET College, Latvian water and wastewater works association;

MALTA Malta College Of Arts Science And Technology; Water Services Corporation;

NETHERLANDS FC – CIV Water; Learning Hub Friesland; PBT – Katapult; Vitens; Wellantcollege; Maastricht School Of Management;

SOUTH AFRICA Stellenbosch University.

Countries
Belgium, Czechia,
Estonia, Germany,
Latvia, Malta,
Netherlands,
South Afrika



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BRIDGES

Blue Region Initiatives

for Developing Growth, Employability
and Skills in the farming of finfish

Pilot projects selected for funding ERASMUS+ Support for Policy Reform 2020 Call

The BRIDGES Network of CoVE targets the development of aquaculture VET and Higher VET transnational platform, to provide flexible responses to the training, innovation and entrepreneurship needs of the finfish industry, with a strong emphasis on the modernisation and digitalisation of work-based learning and apprenticeship systems. The project will establish an Aquaculture Skills Foresight Forum (ASFF) to define finfish culture, knowledge and skills and develop a common competence framework (CCF) with learning outcomes to inform VET development and future national qualification revisions.

Project aims:

- Create an Aquaculture Skills Foresight Forum (ASFF) to lead the harmonisation of north European occupational standards and learning outcomes.
- Formalise a respected north European aquaculture VET provider network and increase the responsiveness of VET providers towards farming industry needs
- Develop mentors, farm-based skills instruction within aquaculture companies to increase their contribution to a quality assured assessment VET delivery.
- Strengthen the aquaculture business skills base and capabilities for innovation, enterprise and entrepreneurship

Main deliverables:

- Development of a common competence framework, clearly describing the practical competences required of finfish husbandry operatives and site managers in Northern Europe
- Establishment of a framework of shared learning outcomes
- Development of an aquaculture work-based learning manual, describing the VET/industry partnership model for work-based delivery of aquaculture VET
- Provision of VET practitioner development guidelines and of aquaculture e-learning resources

EU grant
€ 4.000.000

Project duration
4 years

Lead organisation
Trøndelag County

Location
Fylkets hus, Postboks
2560, 7735 Steinkjer, Norway

Countries
**Norway, Finland,
Iceland, Sweden**

Partners

Norway

Blått Kompetansesenter;
Salmar Farmin;
Easy Learning Solutions;

Iceland

Fisktækniskóli Íslands;
Holaskolinn;
Arnarlax;
HASKOLINN A AKUREYRI;

Sweden

Gullmarsgymnasiet/Lysekils vuxenutbildning;
Nordic Trout Sweden AB;

Finland

Peimari Group for Further Education and Training
(Livia College);
Nordic Trout AB.

Associated partners
**36 from the EU
and non-EU programme
countries**

Type of partners
**12 VET Providers; 21 Companies,
Industry or Sector Representatives;
5 Higher Education Institutions; 5 Social Partners;
3 Research Centres; 1 Accreditation Body;
1 Non-Governmental Organisation/Association**

For more information

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AEDIL DAIRY – EUROPEAN EXCELLENCE IN DAIRY SECTOR

Partnership for Excellence – Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2021 call

The European Excellence in Dairy Learning project's vision is collaboration between learning stakeholders in a sector with a strong vocational and work-based learning tradition. As the largest agri-food speciality, this requires close cooperation between the education, industry and world of science triad to meet the sector's vision of sustainable and technology-enabled growth and to overcome the perception of poor green credentials.

Main objectives

- Ensure that dairy VET is a leader innovative pedagogy, research, sustainable and technological development
- Embed lifelong Learning and CPD as core activities among dairy teachers and professionals
- Create sustainable collaborative structures for synergy, cross-fertilisation & financial sustainability.

Main deliverables

- 9 regional CoVEs embedded in regional 3S with close transnational cooperation for collaborative growth and development.
- Innovative Dairy Learning and Innovation Hub hosting a virtual learning platform with bespoke, sustainable materials.
- 18 innovative internationally recognised dairy curricula closing validated skills gaps and driving growth and innovation.
- Feedback loops integrated in all CoVEs for relevance and quality of dairy education.
- Blueprint for successful set-up of dairy CoVE.
- 5 digital skills modules and 5 green skills modules both with innovative pedagogical methodologies.

Project duration **4 years**

EU grant **€ 3.999.315**

Lead organisation **Foreningen af Mejeriledere og Funktionaerer**

Location **Munkehatten 28, 5220 Odense, Denmark**

Partners

DENMARK Kold College; UCPH; Arla Foods Amba; UCL University College; AU; Confederation Of Danish Industries;

GERMANY ZDM; HSH; DMK Deutsches Milchkontor MBH; Landwirtschaftskammer SH; Siemens Aktiengesellschaft;

IRELAND UCC; Teagasc; MTU Cork; Cork ETB; Carbery Food Ingredients; IBEC;

GREECE Agricultural University Of Athens;

SERBIA Univerzitet u Beogradu; Mlekarska škola sa domom učenika; Milk House Doo; Chamber Of Commerce And Industry; Institute For Science Application In Agriculture;

FRANCE Anfopeil - Reseau Des Enil; Ecole D'industrie Laitiere; ATLA; Groupe SB Alliance; SODIAAL International; Lactalis Formation; EUROPEL;

NETHERLANDS Stichting Aeres Groep; VHL; Frieslandcampina;

TURKEY BUU; Sutas Sut Urunleri; SETBIR;

POLAND KSM; UWM; PCEZ; Średzka Spółdzielnia Mleczarska JANA;

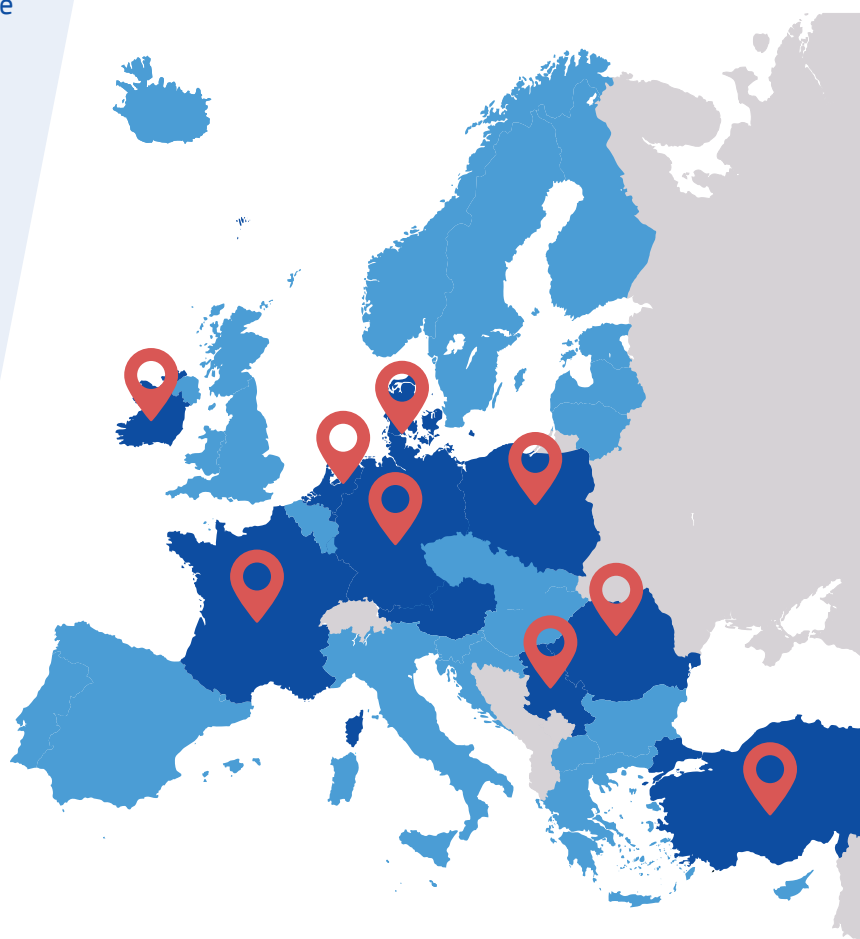
ROMANIA CLV; Colegiul Tehnic De Industrie Alimentara; Colegiul `Andronic Motrescu` Radauti; UNIVERSITATEA DUNAREA DE JOS DIN GALATI; ZADA;

UK Society of Dairy Technology.

Associated partners

LUXEMBOURG Association Européenne des Diplômés de l'Industrie Laitière (AEDIL)

Countries
Denmark, France,
Germany, Ireland,
Netherlands, Poland,
Romania, Serbia,
Turkey



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AGRIFOOD4FUTURE

Partnership for Excellence – Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2022 call

The **Centres of Vocational Excellence in Smart Farming and Sustainable Food Systems** project aims to respond to the existing and emerging needs of an “agriculture of the future”. The project will work on contributing the necessary soft and technical skills needed for a transformed agriculture sector, covering the priority areas of digitalisation, decarbonisation, and sustainability. The Centres of Vocational Excellence will bring together European leading actors from Vocational Education and Training, academia, research, and business across regions with tradition in the agri-food sector.

Main objectives

- To contribute to the transformation of the agri-food sector towards digitalisation, decarbonisation, and sustainability.
 - To support the large-scale implementation of new and emerging agriculture practices, such as climate-smart agriculture, precision agriculture, regenerative and organic practices.
 - To provide the necessary soft and technical skills, raising awareness, and cultivating an entrepreneurial mind-set for the “agriculture of the future” for young people and workers in the agri-food sector.
- Based on analysis, creation of training offers with a key element being the transmission to the learners of soft and digital skills and knowledge related to innovation, sustainability, and green entrepreneurship.
 - Development of a joint EQF level 3-5 program for technicians in smart farming and environmental sustainability in the food system.
 - Set-up of a transnational joint Master of Science, and development of Master and PhD training courses.
 - Design of a lifelong learning programme for farmers, on smart agriculture and digital farming, climate smart-farming and new sustainable practices among others.

Main deliverables

- Analysis of needs at different levels before the definition of the training programmes, encompassing three aspects: skills gaps in workers, skills requested by the labour market and the VET ecosystem weaknesses.
- Development of an 18–24-month capacity building program for agri-food SMEs and farmers.
- Establishment of work-based learning and visits, for example through a network of exemplary farms on regenerative farming practices as an instrument for peer-to-peer learning and internships, an open innovation test farm program for start-ups, farmers, and VET students.

Project duration **4 years**

EU grant **€ 3,385,247**

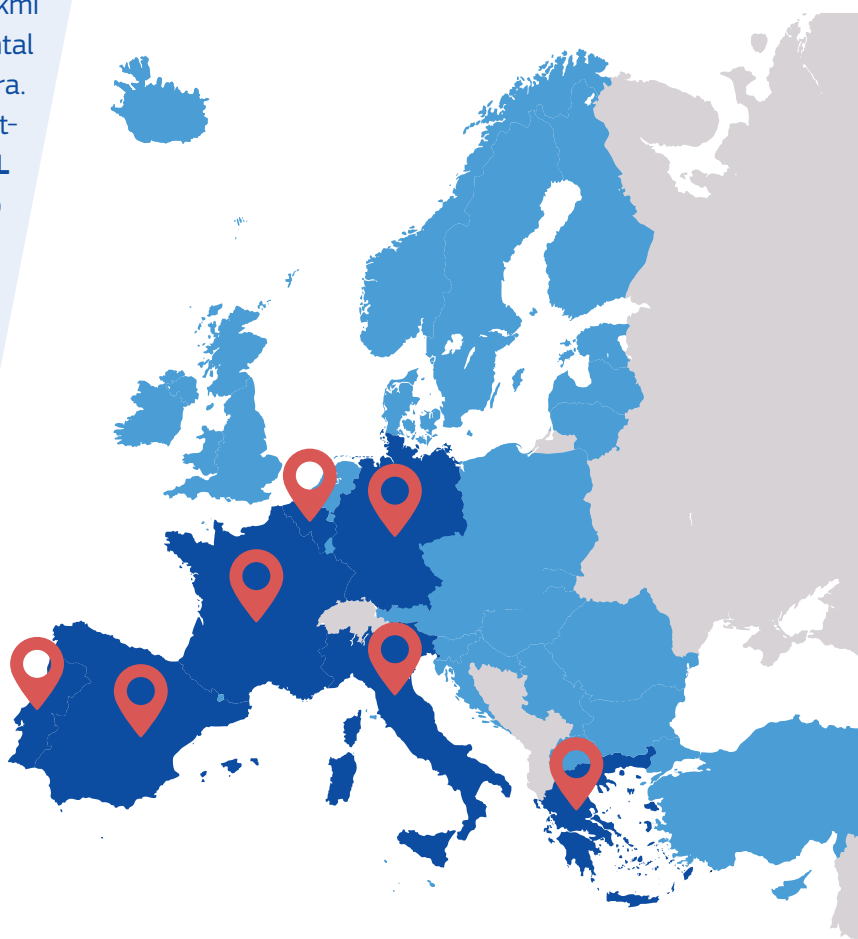
Lead organisation **Università Cattolica del Sacro Cuore**

Location **Largo Gemelli 1, 20123 Milano, Italy**

Partners

BELGIUM Inagro, Provinciaal Extern Verzelfstandigd Agentschap In Privaatrechtelijke Vorm Vzw; Katholieke Hogeschool Vives Zuid; BGT Consulting Group SPRL. **FRANCE** Arvalis Institut Du Vegetal; Federation Regionale Des Cooperatives D'Utilisation De Materiel Agricole De L'Ouest De La France; Institut National Des Sciences Et Industries Du Vivant Et De L'environnement – Agroparistech; Association Du Pole De Competivite Valorial. **GERMANY** Europaischer Verband Beruflicher Bildungstrager (EVBB) EV; BK Consult GMBH. **GREECE** Akmi Anonimi Ekpaideftiki Etairia; Agricultural & Environmental Solutions; Ellinikos Georgikos Organismos – Dimitra. **ITALY** Universita Cattolica Del Sacro Cuore; Cluster Agroalimentare; Phorma Mentis s.r.l. **PORTUGAL** Food4sustainability - Associacao Para A Inovacao No Alimento Sustentavel; Instituto De Soldadura E Qualidade; Universidade Do Porto; BGI SA. **SPAIN** Centro Superior De Formacion Europa-Sur Sa; Cluster De La Maquinaria I Dels Medis De Produccio Agricola De Catalunya; Parque Tecnologico De Andalucia Sa-Pta; Trama Tecnoambiental SL.

Countries
Belgium, France,
Germany, Greece,
Italy, Portugal,
Spain



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AGRINEXT

Partnership for Excellence - Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2021 call

The general aim of the AgriNext project is to create learning environment that responds to the skill demand on the job market in the field of Multifunctional Agriculture

Main objectives:

- Flexibilization of learning environments and curriculums in I-VET and C-VET, on EQF levels 3-6, in order to facilitate fast responses to job market demands
- Teacher empowerment (continuous professional and pedagogical) for a fast response to the job market demands
- To develop students/learners who are highly skilled, motivated, entrepreneurial and aware of the importance of C-VET and lifelong learning
- Promoting rural development and vitality by demonstrating and highlighting opportunities of Multifunctional Agriculture.
- Increasing digital competencies among students and teachers

Main deliverables:

- Creating a physical and virtual environment that enables: interaction between teachers, trainers, companies, students, and researchers; the individualisation of the learning process; the demonstration and try-outs of new technologies; the development of entrepreneurial activities
- Established system of continuous exchange between employers, teacher/trainers/guidance service providers, in order to respond to the skills needed

Project duration **4 years**

EU grant **€ 2.553.260**

Lead organisation **Biotehniški Center Naklo**

Location **Strahinj 99, 4202 Naklo, Slovenia**

Partners

CROATIA Veleučilište u Karlovcu, SKINK;

IRELAND Technological University of the Shannon: Midlands
Midwest; Gurteen Agricultural College;

SLOVENIA Center Republike Slovenije Za Poklicno
Izobrazevanje; Arctur Racunalniski Inzeniring Doo, KGZ Sloga
Kranj, z.o.o.;

SPAIN On Projects Advising SL, IES Virgen de la Cabeza;
Union De Agricultores Y Ganaderos-Jovenes Agricultores
De Jaén; I.E.S. Galileo Galilei.

Countries
Croatia, Ireland,
Slovenia, Spain



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EXCEED – EXCELLENCE IN GREEN AND DIGITAL MANUFACTURING

Partnership for Excellence – Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2022 call

The **Excellence in Green and Digital Manufacturing** project aims at preparing the Advanced Manufacturing sector for the disruptive changes caused by the green and digital twin transitions. EXCEED assumes the synergic and mutual benefitting application of digital and green as powerful leverages to accelerate innovation in Advanced Manufacturing. The project will provide competencies needed in this new environment, developing a joint international and individualised lifelong learning offer, as well as developing and updating curricula for higher Vocational Education and Training.

Main objectives

- To equip current and future workers in the Advanced Manufacturing sector with the needed competencies to master the disruptive changes caused by the twin green and digital transitions.
- To provide lifelong learning as a way for workers to become or remain employable and keep pace with the skill changes.
- To contribute to “leave no one behind” of the European Green Deal, by focusing on the upskilling and reskilling of low-skilled adults.

Main deliverables

- Promoting upskilling and reskilling of low-skilled adults and workers at risk of marginalisation through a joint internationalised, flexible and individualised Lifelong Learning training offer.
- Strengthening the Higher VET (EQF 4 and 5) through design of new curricula and updating of existing ones.
- Adopting joint strategies for Talent Management by the establishment of an International Talent Factory, aware of the fact that talented and skilled individuals have a key role to play in countries’ future prosperity.
- Upskilling and empowerment of VET professionals as key profiles translating innovation in education contexts.
- In 4 years, partners are expected to involve at least 600 learners and an overall number of 26.000 beneficiaries through an extensive multichannel communication strategy.

Project duration **4 years**

EU grant **€ 2.582.433**

Lead organisation **Centoform SRL**

Location **Via Nino Bixio 11, 44042 Cento Fe, Italy**

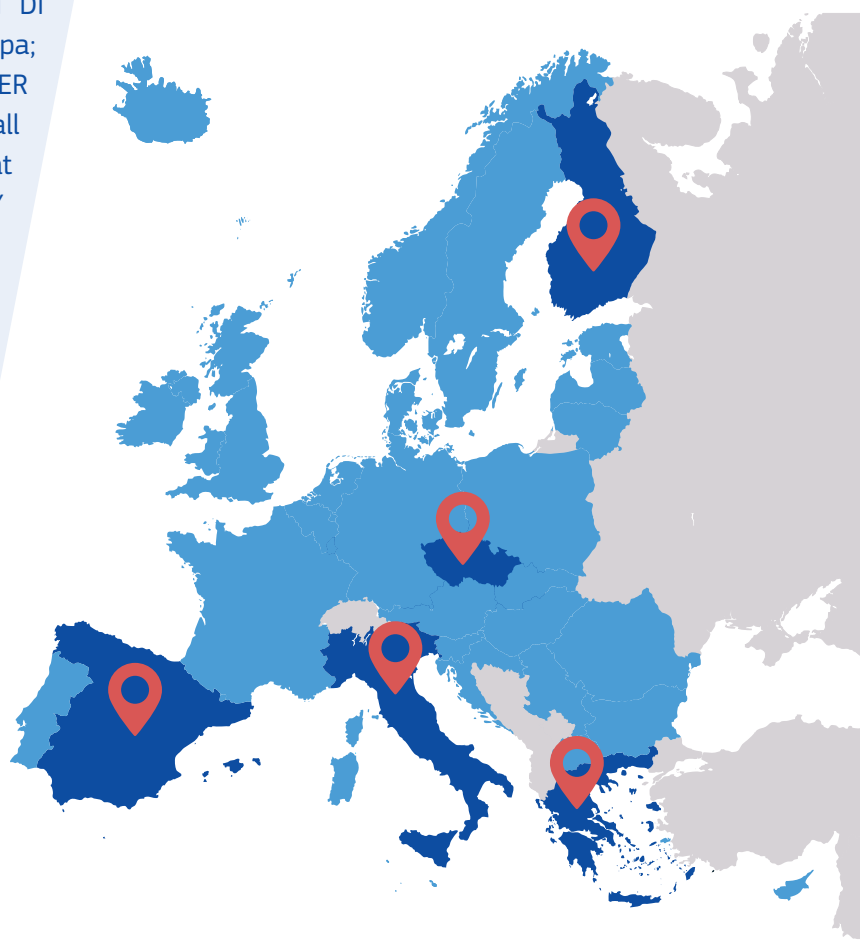
Partners

CZECHIA Institut Inpro As; Asociace Malých A Středních Podniků A Zivnostníků Cr. **FINLAND** Oulun Yliopisto; Oulun Seudun Koulutuskuntayhtymä Osekk; Macon Oy. **GREECE** Athina-Erevnitiko Kentro Kainotomias Stis Technologies Tis Pliroforias, Ton Epikoinonion Kai Tis Gnosis; Hellenic Marine Environment Protection Association – Helmepa. **ITALY** Centoform Srl; Cis Scuola Per La Gestione D'impresa Societa Consortile A Responsabilita Limitata; Associazione Cluster Energia E Sviluppo Sostenibile, Italy; Universita Degli Studi Di Ferrara; Art-Er-Societa Consortile Per Azioni; Comau Spa; Universita Degli Studi Di Modena E Reggio Emilia; Clust-ER Innovazione nei Servizi. **SPAIN** Institut Escola Del Treball De Barcelona; Departament D'educació generalitat De Catalunya; Asociación Española De Robotica Y Automatización (Aer Automation).

Associated Partners

BELGIUM Association Européenne Des Agences de Developpement. **CZECHIA** Střední škola stavebních řemesel Brno-Bosonohy; SSP Jilova; Akademie řemesel Praha - Střední škola technická; Střední škola Katerinky - Liberec, s. r. o.; Střední škola automobilní a informatiky; Střední škola-Centrum odborné přípravy technicko-hospodarské; Jubela s.r.o; Agentura Pro Podporu Podnikání A Investic Czechinvest; Institut Evropských Profesionálních Studií, s.r.o. **FINLAND** Oulun Kaupunki. **GREECE** General Secretariat For Civil Protection. **ITALY** Fondazione Istituto Tecnico superiore, territorio, energia, costruire; I.S.I.T. "U.Bassi-P-Burgatti"; Sfridoo; Istituto Di Istruzione Superiore F.lli Taddia; Solid Energy S.r.l.; Comune di Cento; Union of municipalities Valli e Delizie; Regione Emilia Romagna. **SPAIN** Festo Automation, S.A.U.

Countries
Belgium, Czechia,
Finland, Greece,
Italy, Spain



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EXCELLENT ADVANCED MANUFACTURING 4.0

Pilot projects selected for funding ERASMUS+ Sector Skills Alliances 2019 Call EAC A03/2018

The Excellent Advanced Manufacturing 4.0 Project, EXAM 4.0 by its acronym, is one of the five pilot Centres of Vocational Excellence (CoVE) approved for funding in 2019, under the pilot initiative launched by the European Commission in 2018.

The project, coordinated by Tknika, will be running between the 1st of November 2019 and the 31st of October 2021 and it brings together partners from five different European Countries, with the double aim of establishing a European platform of excellent advanced manufacturing VET centres and designing the main features of a lab where students can acquire

relevant competences to work in 4.0 environments in the manufacturing sector.

To achieve these goals, project partners will:

- Define the state of the art in advanced manufacturing in VET in Europe;
- Create a platform of excellent advanced manufacturing centres;
- Design and pilot a model of 4.0 advanced manufacturing training lab for VET students.

Excellent VET Centres from Advanced Manufacturing sector will have the opportunity to join the platform once it is established.

Main deliverables

- Support the introduction of new technological, social and environmental trends in education and industry;
- Design approaches and methods to anticipate skills needs and adapt the training provision;
- Support regional development and Smart Specialization Strategies by providing a portfolio of skills required to implement those strategies in the AM sector;
- Develop innovative learning methodologies and implement joint initiatives and projects;
- Enhance the continuing professional development of teachers and trainers by providing pedagogical and technical skills and facilitating their participation in joint research projects;
- Provide business incubators for VET learners to develop their entrepreneurial skills and projects;
- Design and test an AM Workshop 4.0 Model including the infrastructure, ICT applications and tools required to meet the skills needs.

EU grant
€ 799.332

Project duration
2 years

Website
examhub.eu

Lead organisation
TKNIKA

Location
**Zamalbide Auzoa Z/G
Erreterria 20.100 Spain**

Countries
**Belgium, Germany, Netherlands,
Spain, Sweden**

Partners

Belgium

The European Association of Regional and Local
Authorities for Lifelong Learning

Germany

Duale Hochschule Baden-Württemberg;

Netherlands

10xl B.V.;
ROC da Vinci college;

Spain

Asociacion Española de fabricantes de maquinas-
herramienta, sus accesorios, componentes,
herramientas de corte y deformacion, otros sistemas y
tecnologias de fabricacion;
Instituto especifico de formacion profesional superior
Miguel Altuna;

Sweden

Curt Nicolin gymnasiet AB.

Associated partners
16 from the EU

Type of partners
10 VET-Providers; **12** Companies, Industries
or Sector Representatives; **1** Higher Education
Institution; **1** Public Body; **1** Non-Governmental
Organisation/Association;
2 Innovation Hubs; **1** Social Partner

EXAM4.0
THE EXCELLENT ADVANCED MANUFACTURING 4.0

For more information

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LCAMP LEARNER CENTRIC ADVANCED MANUFACTURING PLATFORM FOR COVES

Partnership for Excellence - Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2021 call

The fifth industrial revolution requires VET to develop learning approaches for people who plan, manage, supervise, or operate technologies. LCAMP will address this issue through the creation of a European Learner Centric Platform of CoVES for Advanced Manufacturing, with a consortium of 21 partners and 60 associated partners, including VET and HVET institutions, companies, regional governments, R&D centres, business associations and clusters from all over the world.

Main objectives

- To support and enable regional Advanced Manufacturing CoVEs to become more resilient, innovative, and better equipped to train, upgrade, and reskill learners, young and old, to successfully face the digital and green transitions
- To help regions to grow and become more competitive through their VET systems.
- Teaching and learning: establishing Advanced Manufacturing competency frameworks and curricula; launching or reviewing Advanced Manufacturing programmes (including micro-credentials); setting up Learning Factories.
- Cooperation and partnerships: set up a skills and jobs observatory for advanced manufacturing; accelerate cooperation between industry and VET through an open innovation community.
- Governance and funding: create a digital platform through which all LCAMP services are offered.

Main deliverables

- Create the LCAMP CoVE Alliance (legal form, statutes, operating rules, registration, etc.).
- Create an LCAMP CoVE platform through which the project can offer its services.
- Create an Open Innovation Community to develop technological applied research projects with SMEs and VET centres.
- LCAMP Observatory for trend, skill needs, and labour market developments in Advanced Manufacturing.
- Develop an LCAMP Collaborative Learning Factory.
- LCAMP skills assessment and training matching tool for Advanced Manufacturing students and workers.
- Develop micro-credentials and training for qualifications related to Industry 4.0 and advanced manufacturing.
- Develop an LCAMP Advanced Manufacturing SME support model.

Project duration **4 years**

EU grant **€ 3.999.792.00**

Lead organisation **Basque Centre for Applied Research and Innovation in VET, TKNKA**

Location **Zamalbide auzoa z/g 20100, Spain**

Partners

BELGIUM EARLALL, ASSOCIATION EUROPEENNE DES AUTORITES REGIONALES ET LOCALES POUR L'APPRENTISSAGE TOUT AU LONG DE LA VIE AISBL;

FRANCE CMQ, Association campus des métiers et des qualifications industrie du futur; Mecanic Vallee;

GERMANY Duale Hochschule Baden-Württemberg; FORCAM GmbH.

ITALY MADE SCARL; AFIL, Associazione Fabbrica Intelligente Lombardia;

MALTA KIC, KNOWLEDGE INNOVATION CENTRE (MALTA) LIMITED;

NETHERLANDS Da Vinci College, STICHTING REGIONAAL OPLEIDINGENCENTRUM ZUID HOLLAND ZUID;

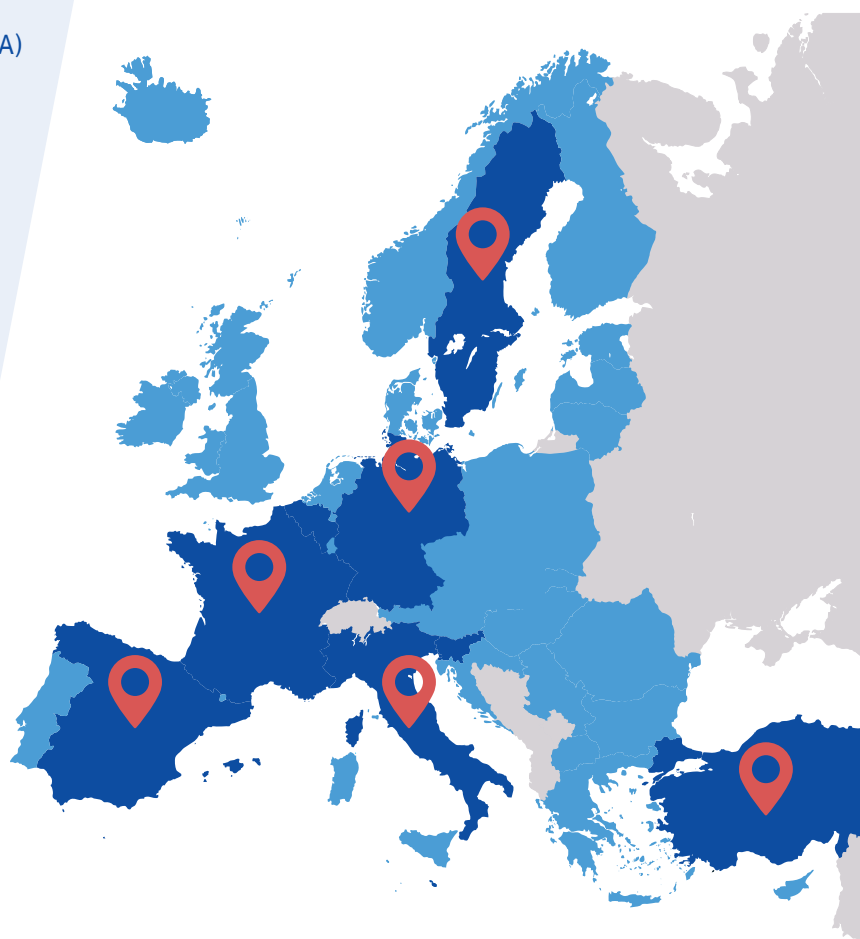
SLOVENIA Tehniski solski center Maribor; SKUPNOST VISJIH STROKOVNIH SOL REPUBLIKE SLOVENIJE;

SPAIN TKNKA, Basque Country; AFM - Asociación Española de Fabricantes de Máquina Herramienta, sus accesorios, componentes, herramientas de corte y deformación, otros sistemas y tecnologías de fabricación, Basque Country; INVEMA -Fundación de Investigación de la Máquina-Herramienta, Basque Country.

SWEDEN CURT NICOLIN GYMNASIET AB; Simumatik AB;

TURKEY KOCAELI IL MILLI EGITIM MUDURLUGU.

Countries
Belgium, Canada,
France, Germany,
Italy, Malta,
Slovenia, Spain,
Sweden, Turkey



For more information

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TALENTJOURNEY - PLATFORM FOR CDS VET EXCELLENCE

Pilot projects selected for funding ERASMUS+ Sector Skills Alliances 2019 Call EAC A03/2018

Talentjourney project aims to narrow the skills' gap in the manufacturing sector, in the field of Connectivity Devices and Services/CDS (IoT in smart manufacturing), which focuses on user-oriented, user-friendly and eco-friendly solutions.

Project partnership wants to bring VET stakeholder collaboration to excellence in content and ways of VET provision by innovating, acting agile and improving the responsiveness of VET providers to the needs of industry 4.0, new era society and young generations and become as such a worldwide known example for the excellence in IoT in smart manufacturing.

Project aims:

- to narrow the skills' gap in the manufacturing sector
- to innovate and improve the responsiveness of VET providers to the needs of new era industry, new era society and young generation needs, as well as make it sustainable and agile
- to bring VET stakeholder collaboration to excellence in content and ways of VET provision

Main deliverables:

- data collection on skills needs in IOT in smart manufacturing;
- trainings for professional development of trainers/ teachers/company experts as tutors, leadership;
- master class trainings
- trans-national curricula and life-long trainings design;
- establishing IOT demo labs;
- testing and prototyping the services of Talentjourney;
- digital platform for promoting and offering Talentjourney services.

EU grant
€ 953.550

Project duration
2 years

Website
mytalentjourney.eu

Lead organisation
ŠOLSKI CENTER NOVA GORICA

Location
**Cankarjeva 10
5000 Nova Gorica, Slovenija**

Countries
**Slovenia, Germany,
Estonia, Finland, Italy**

Partners

Slovenia

Šolski center Nova Gorica;
Šolski center Kranj;
Šolski center Velenje;
Center Republike Slovenije za poklicno izobraževanje;
Mahle EDS;

Finland

Sataedu;
SAMK;

Estonia

Tallinna Polütehnikum;
Estonian Electronics Industries Association;

Germany

Elfi-Tech;
Park GmbH;

Italy

ECIPA;
ISIS Malignani.

Associated partners
4 from the EU

Type of partners

6 VET-Providers; **6** Companies, Industries or
Sector Representatives; **1** Higher Education
Institution; **1** Research Centre; **1** Public Body;
2 Non-Governmental Organisation/Associations

 **TALENT
JOURNEY**

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CARE ABOUT IT

Partnership for Excellence – Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2022 call

The **CARE about IT** project is designed to reap the benefits of a closer collaboration between technology and the healthcare sectors in Europe. The project aims to provide future and current healthcare professionals with digital skills. In initial as well as continuing Vocational Education and Training, micro-credentials will be created and provide innovative educational programs on both transversal and technical digital skills. National Centres of Vocational Excellence will be set up in the four partner countries which will be linked through a European Platform of Vocational Excellence in HealthTech for knowledge sharing.

Main objectives:

- To contribute to the supply of healthcare workers who are in high demand due to current pressing shortages and demographic change.
- To prepare healthcare professionals to use digital tools which are increasingly used in the sector.
- To support the implementation of promising HealthTech solutions by providing the skills for lifelong learning for healthcare professionals.

Main deliverables:

- To develop micro-credentials on transversal and technical digital skills for future and current professionals in the healthcare sector (covering initial and continuing VET).
- To create four national Centres of Vocational Excellence.
- To set up a European platform of Vocational Excellence in HealthTech (PoVE) between the national CoVEs that coordinates collaboration and fosters knowledge sharing.
- To make recruitment efforts to entice more VET students to select health and IT careers and participate in the project.

Project duration **4 years**

EU grant **€ 3.951.733**

Lead organisation **Stichting Noorderpoort**

Location **Verzetsstrijderslaan 4, 9727 CE Groningen, Netherlands**

Partners

ESTONIA Sihtasutus Tallinna Teaduspark Tehnopol; Sihtasutus Ida-Viru Keskhaigla; Tallinn Health Care College; TNP KONSultatsioonid OÜ; Mittetulundusühing Tuleviku Tehnoloogiaharidus. **FINLAND** Raunistulan koulu/Turku Education Division; Turku City Data Oy. **ITALY** Apro Formazione Societa Consortilea Responsabilita Limitata; TESI T4MED srl; Azienda Sanitaria Locale CN2. **NETHERLANDS** Stichting Noorderpoort; Coöperatie voor Netwerk van Zorg- en; Bossers & Cnossen BV Welzijnsopleidingen, ZON; Drenthe College; Stichting Platform Beta En Techniek.

Countries
**Estonia, Finland,
Italy, Netherlands**



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EUVECA - EUROPEAN PLATFORM FOR VET EXCELLENCE IN HEALTH CARE

Partnership for Excellence - Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2021 call

The EUVECA project (European platform for vocational excellence in health care) is designed to support the healthcare sector's needed innovation and development by ensuring the provision of future-oriented skills within the sector. The project creates regional vocational excellence hubs in 7 European regions, which collaborate within a European platform for vocational excellence in health care. The objective is to ensure coordination, adaptation, innovation, and upward convergence within regional health education ecosystems and promote European (blended) mobility and inter-regional learning and collaboration among health care professionals and students from the participating regions. The overall ambition with the EUVECA project is to show that by including a strategic and coordinated focus on VET in the work and collaboration within the regional health ecosystems, VET can contribute in a substantial way to move innovation forward within the European health care sector and ensure the sustainability of the sector on both a European and regional level. Regional vocational excellence hubs and a European platform for vocational excellence in health will be developed and tested to obtain this ambition.

Main objectives

- Increase the quality and attractiveness of vocational training and lifelong learning within the European healthcare sector and within healthcare education in general by focusing increasingly on coordination, collaboration between different levels of education and training, enabling more upward convergence on regional level and promoting (blended) mobility- and inter-regional learning activities for health care students and professionals.
- Contribute to the implementation of the European skills agenda by ensuring continuous and high-quality VET to professionals in the healthcare sector, focusing on improved and tailored lifelong skills training, covering 21st-century skills, such as digital skills, communication skills, patient involvement skills and health literacy, interdisciplinary and cross-sector collaboration skills, multidisciplinary skills and innovation skills, which are needed within all levels of professionals within the healthcare sector, from healthcare assistants to medical doctors.
- Contribute to the implementation of the European Education Area by creating long term sustainable collaboration within

higher health education and VET, between the participating regions through the European Platform for Vocational Excellence, which is expected to be extended to more European regions beyond the project period.

- Contribute to the sustainability of the European healthcare system through better planning, better forecasting of skills needs as well as better training of present and future healthcare professionals, improved opportunities for implementation and uptake of innovation and technological solutions, and a stronger liaison between the European skills development agenda and the European Health strategy.

Main deliverables

- To develop and present in-depth European skills needs analysis, including a scoping review
- To create a European Platform for VET Excellence in Healthcare (EPVE) that gathers and coordinates collaboration between the RVEHs from the 7 European regions and which, beyond the project period, will be open to other RVEHs to join.
- At least 100 students and/or professionals in each participating region will have taken part in regional training activities
- An updated governance model for the RVEH and the EPVE

Project duration **4 years**

EU grant **€ 3.557.775**

Lead organisation **Region of Southern Denmark (Hospital of Southern Jutland)**

Location **Kresten Philipsens Vej 15, 6200 Aabenraa, Denmark**

Partners

BELGIUM European Health Management Association (EHMA);

DENMARK Foreningen EU og internationalt samarbejde i Syddanmark;

GERMANY Centrum Academy of the University Medical Center Schleswig-Holstein (UKSH); Universität zu Lübeck;

IRELAND ECHAlliance Company;

ITALY Provincia Autonoma Di Trento (Department of Health and Social Policies); Fondazione Bruno Kessler;

NORWAY Hogskulen pa Vestlandet - SimArena (HVL); Hogskulen pa Vestlandet - Western Norway University of Applied Science; Region Nordhordland Helsehus; Region Nordhordland IKS;

NETHERLANDS University of Twente; Stichting Ziekenhuisgroep Twente; Stichting Saxion, Saxion University of Applied Sciences; European Special Nurse Organisation (ESNO); Ontwikkelingsmaatschappij Oost Nederland NV and Think East;

SLOVENIA Community Health Centre Ljubljana; University of Ljubljana;

SPAIN Universitat de València (Poblienestar), Universitat Politècnica de València (ITACA)

Countries
Belgium, Denmark,
Germany, Italy,
Ireland, Nether-
lands, Norway,
Slovenia, Spain



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BUILD SKILLS ACADEMY

Partnership for Excellence – Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2022 call

The **Academy for Transitional Skills in the Build Environment** aims at updating vocational skills ecosystems in the construction sector to the emerging needs in the area of green and digital skills. The project will develop a BuildEnrichedSkills methodology and a procedure to support Vocational Education and Training Centres to adapt their teaching offer more quickly to the digital and green transition. The focus lies on occupations of high demand in the construction sector. Further, the project aims at creating a certification framework for the recognition of skills and competences responding to emerging needs for twin transitions, which aims to serve as a world-class reference for improvement and certification of VET provision.

Main objectives

- To support the transition to a resource-efficient and competitive economy in light of the green and digital twin transitions.
- To support the skills ecosystems of the construction sector, a major employer in Europe with significant environmental, societal and economic impact, aiming to foster VET excellence for the construction sector.
- To provide solutions to the challenges of attracting young and skilled workers in the construction sector as well as reskilling and upskilling the active workforce.

Main deliverables

- Design and roll-out of BuildEnrichedSkills methodology and a procedure for adaptation of learning provision which will serve for VET Centres in Europe to adapt their offerings more quickly and to prepare workers for the digital and green transition in occupations of high demand.
- A certification framework for recognition of these skills and competences – a world-class reference for improvement and certification of VET provision.
- Transfer of outcomes to 6 pilots covering 300 trainees and exploited to reach out to 100 VET providers, 1.000 companies and 20 high-level organisations in the construction skills ecosystem realizing 100 VET-industry cooperation for vocational excellence.

Project duration **4 years**

EU grant **€ 3.938.490**

Lead organisation **CleanTech Bulgaria**

Location **Krakra Str. 18, 1504 Sofia, Bulgaria**

Partners

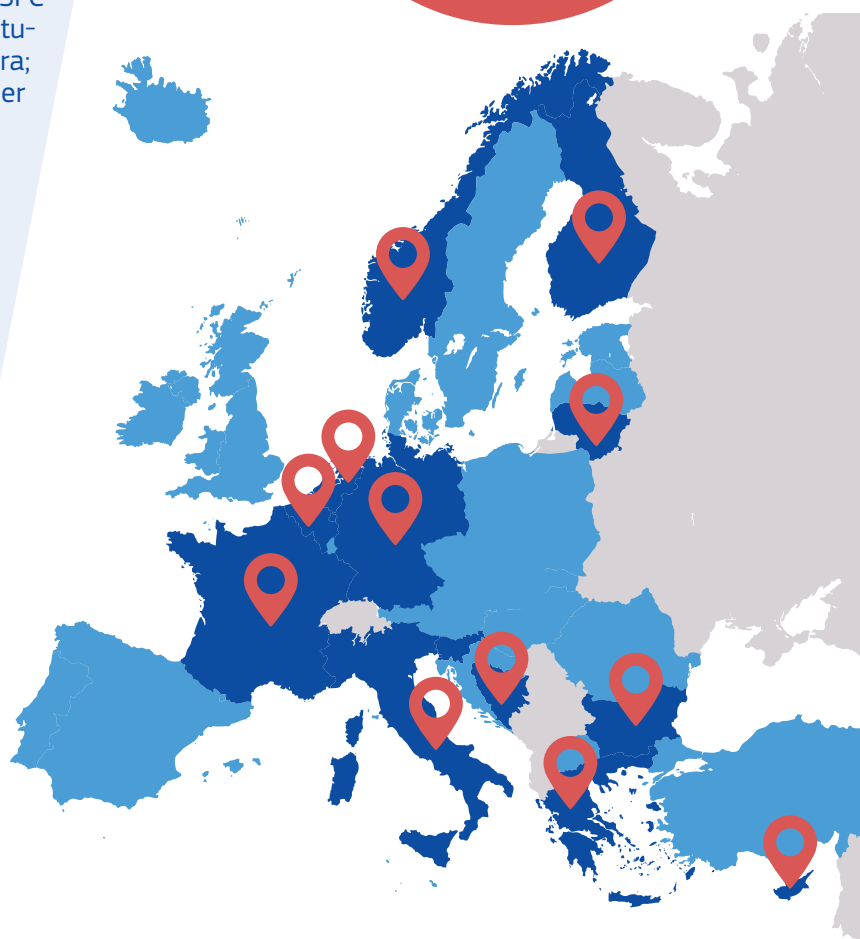
BOSNIA AND HERZEGOVINA Centar za ekonomski, tehnoloski i okolinski razvoj – Ceteor Sarajevo; Privredna Komora Federacije Bosne i Hercegovine. **BULGARIA** Klijnteh Bulgaria; Confederation of the employers and industrialists in Bulgaria KRIB –The voice of Bulgarian Business; Stroitelna Kvalifikacia. **CYPRUS** Technologiko Panepistimio Kyprou; Kykloikodromio; Kypriaki Etaireia Pistopoiisis Limited. **FRANCE** SDSN Association Paris. **GERMANY** Circular City-Zirkuläre Stadt e.V. **GREECE** Athens University Of Economics And Business – Research Center; Institutoyto Biomichanikis Kai Epicheirisiakis Epimorfosis Kai Katartisis Sev Syndesmos Epicheiriseon Kai Biomichanio. **ITALY** SFC – Sistemi Formativi Confindustria Scpa. **LITHUANIA** Lietuvos Inzinerijos Ir Technologiju Pramonės Asociacija Linpra; Alytaus Profesinio Rengimo Centras. **NORWAY** Frontier Venture AS. **SERBIA** Cirekon D.O.O.

Associated Partners

BELGIUM Federation De L'industrie Europeenne De La Construction. **BOSNIA AND HERZEGOVINA** Center for Education and Raising Awareness of Energy Efficiency; Regional Education and Information Centre for Sustainable Development in South-East Europe, Reic; Sarajevska Regionalna Razvojna Agencija Serda Doo Sarajevo; Association of Consulting Engineers of Bosnia and Herzegovina. **BULGARIA** Evropeyski Tsifrov Inovatsionen Hab V Sektor Stroitelstvo; Nacionalna Agentsia Za Profesionalno Obrazovanie I Obutchenie; Visshe Stroitelno Uchilishte Lyuben Karavelov. **CYPRUS** Energeiako Grafeio Kyprion Politon; Omospondia Ergodoton & Viomichanon Kyprou; Omospondia Syndesmon Ergolavon Oikodomon Kyprou (Oseok). **GERMANY** Berlin Partner Fur Wirtschaft Und Technologie GMBH; Deutsche Gesellschaft Fuer Nachhaltiges Bauen; HanseVerein – Verein zur Förderung des internationalen Städtebundes Die Hanse E.v.; Technische Universität Berlin. **GREECE** Athina-Erevnitiko Kentro Kainotomias Stis Technologies Tis Pliroforias, Ton Epikoinonion Kai Tis Gnosis. **ITALY** Associazione Nazionale Costruttori Edili; Centoform Srl. **LITHUANIA** Kauno technikos profesinio mokymo centras. **NETHERLANDS** Technische Universiteit Eindhoven.

Countries

Belgium, Bosnia and Herzegovina, Bulgaria, Cyprus, France, Germany, Greece, Italy, Lithuania, Netherlands, Norway, Serbia.



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HABITABLE

Partnership for Excellence – Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2022 call

The **Alliance of Centres of Excellence in Vocational Training for Sustainable Habitat** project aims to respond to the skills shortage and mismatches caused by the digital and green transition in the Habitat sector. To this aim the project will develop innovative, learner-centred teaching methods, curricula on technical skills and key competences, and a system of certification for micro-credentials to up-and reskill adult learners and SME employees. A Platform of Centres of Vocational Excellence for Sustainable Habitat will be set up building a skills ecosystem together with a wide range of local and regional partners, as well as centres of professional excellence in other countries.

Main objectives

- To lead the green and digital transition of the Habitat sector by developing a transnational cooperation platform of CoVEs and implement a Skills Intelligence monitoring system for the Habitat sector.
- Boost quality, digital, green and inclusive Dual VET, work-based learning and apprenticeships, support the creation of sustainable business-education cooperation partnerships, and provide labour market relevant skills including those necessary for the green and digital transitions.
- Design and apply innovative learner-centred teaching methods supported by digital tools and Extended Reality technologies and provide access to innovative curricula that focus both on technical skills and key competences.
- Support the upskilling and reskilling of adult learners and SME employees for their adaptation to the green and digital transition and implement a new system for the certification of micro-credentials in the Habitat sector.
- Support career guidance and promote social inclusion, equality, gender equality, and non-discrimination including for people with special needs/fewer opportunities.
- Foster transnational mobility for VET educators and learners, create new spaces to facilitate international cooperation, innovation

and generation of new national and European funded projects, and provide policy recommendations for the implementation of regional and local strategies to raise upward convergence of CoVEs.

- Maximise the impact of the project, the further use of its products and the mainstreaming of its results.

Main deliverables

- Development of a SMART Skills Intelligence Platform and Monitoring System for the Habitat sector to guide the actions of the skills ecosystem.
- Development of a Skills Hub containing the Online Training Centre with a set of training programmes addressed to trainers, SMEs and VET learners, including the elaboration and testing of different MOOCs and courses, and implementation of the Innovative Curricula Digital Database and the MIC - Micro-credentials Certification Centre.
- Development of a multifunctional online platform for skills Training, Certification and Career guidance where developed training programmes are available.
- Setting up a collaborative platform for CoVEs and SMEs to support work-based learning in the Habitat sector, dedicated to Dual VET and WBL that aims to support SMEs and VET centres to boost quality, digital, green and inclusive Dual VET, apprenticeship and WBL.
- Establishment of a Platform of CoVEs for Sustainable Habitat, boosting new projects and initiatives through the Skills Ecosystem Innovation TANK and the co-creation LAB and drafting recommendations for the implementation of a regional and local strategy for upward the convergency of CoVEs.

Project duration **4 years**

EU grant **€ 3.998.710**

Lead organisation **Cluster de Habitat Eficiente**

Location **Calle Valle de Aran 5, 47010 Valladolid, Spain**

Partners

AUSTRIA Holzcluster Steiermark Gmbh; Fachhochschule Salzburg Gmbh. **GEORGIA** N(N)LE Construction College “Construct2”. **GREECE** Cluster Viooikonomias Kai Perivallontos Dytikis Makedonias; Dimitra Ekpaideitiki Simvilitiki Ae; Panepistimio Thessalias. **MOLDOVA** Public Institution Center of Excellence in Energy and Electronics. **PORTUGAL** Associacao Plataforma Para A Construcacao Sustentavel; Centro Tecnologico Da Ceramica E Do Vidro; Universidade De Aveiro. **SPAIN** Cluster De Habitat Eficiente; Consejeria De Educacion De La Junta De Castilla Y Leon; Centro Integrado De Formación Profesional Pico Frentes; Centro Integrado De Formación Profesional Tecnológico Industrial; Instituto Para El Fomento Del Desarrollo Y La Formacion Si; Fundación Instituto De La Construcción De Castilla Y León Iccl; Fundacion Centro De Servicios Y Promocion Forestal Y De Su Industria De Castilla Y Leon; Asociacion Empresarial De Investigacion Centro Tecnologico Del Mueble Y La Madera De La Region De Murcia; Fundacion Laboral De La Construcccion.

Associated partner

AUSTRIA Österreichisches Institut Fur Bildungsforschung Der Wirtschaft - IBW.

Countries
Austria, Georgia,
Greece, Moldova,
Portugal, Spain



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AI4VET4AI

Partnership for Excellence – Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2022 call

The **AI-powered Next Generation of VET** project addresses the need for trained workers in the field of Artificial Intelligence technology in Europe. The project will address the current skills gap by adding new innovative teaching content and methods to Vocational Education and Training curricula in the field of Artificial Intelligence. With a scope of 11 European countries, the overall aim of the project is to increase the number of AI-skilled workers.

Main objectives

- To contribute to the deployment of the scale and scope of industrial application of AI technologies by supporting the growth of an AI-skilled workforce in Europe.
- To address systemic challenges of skills mismatch in AI technology.
- To provide regional responses linked to job losses resulting from changes in economic composition and occupation.

Main deliverables

- Investigation of sectors for AI deployment with highest potential in 17 regions, in cooperation with enterprises and cluster organisations.
- Adding new innovative teaching content and methods to VET curricula across 11 European countries and 17 regions (in alignment with EQF levels 4-7) (14 MOOCs and TT materials).
- Organisation of 11 innovative AI VET campuses and 7 VET innovation AI incubators, in which VET learners hone their creative and entrepreneurial skills.
- Awareness-raising of the AI potential in our regions among representatives of public and private sector, as well as civil society.

Project duration **4 years**

EU grant **€ 3.946.880**

Lead organisation **Visoko Uciliste Algebra**

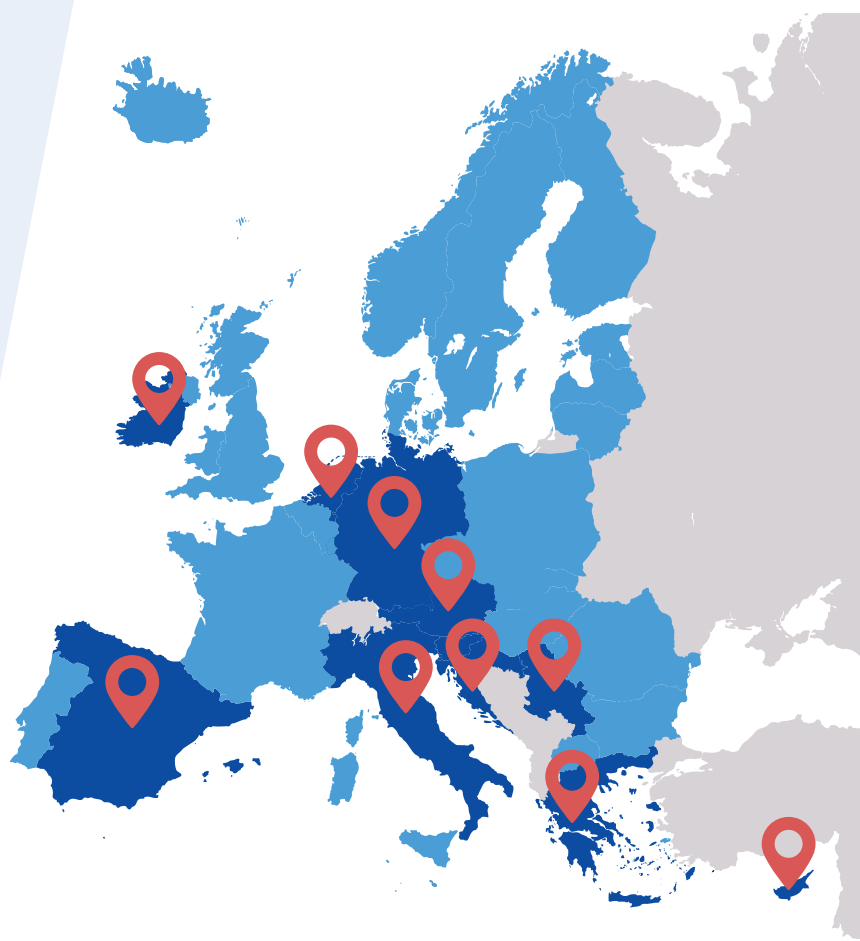
Location **Ilica 242, 10000 Zagreb, Croatia**

Partners

AUSTRIA MCI Management Center Innsbruck Internationale Hochschule GmbH; NDH Network Development Hub GmbH.

CROATIA Visoko Uciliste Algebra; Hrvatska Udruga Za Umjetnu Inteligenciju; Tehnicka skola Cakovec; Poslovna Inteligencija Doo. **GERMANY** Technische Informationsbibliothek (TIB); Strategische Partnerschaft Sensorik Ev. **GREECE** Akmi Anonimi Ekpaideftiki Etairia; Rezos Brands. **IRELAND** Griffith College; Anser Procurement Limited. **ITALY** Universita Degli Studi Di Napoli Federico II; Kelyon S.r.l. **NETHERLANDS** Universiteit Van Amsterdam; AlterContacts. **SERBIA** AFA-Asocijacija Za Afirmaciju Potencijala Zena; Metropolitan univerzitet. **SLOVENIA** Solski Center Celje; Arctur Racunalniski Inzeniring Doo; Fakulteta Za Informacijske Studije; Rudolfovo - Znanstveno in tehnolosko sredisce. **SPAIN** Inercia Digital Sl; Camara De Comercio E Industria Italiana Para Espana.

Countries
Austria, Croatia,
Germany, Greece,
Ireland, Italy,
Netherlands, Serbia,
Slovenia, Spain



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DIGITAL INNOVATION HUB FOR CLOUD BASED SERVICES

Pilot projects selected for funding ERASMUS+ Sector Skills Alliances 2019 Call EAC A03/2018

The main goal of this project is to establish a state of art European wide cluster of interconnected nodes for innovations development, education and for generation of new start-ups benefiting of the latest cloud computing technologies. Five European countries will collaborate in this project to develop the hub model of clustered of nodes. The cluster is mainly aimed for vocational education institutions, which are using it in teaching the cloud technologies, data analyses, machine learning, blockchains and artificial intelligence.

It will develop a European-wide, transnational, interconnected development service model and network based on cloud and mobile technologies (4G/5G) connecting five local partnerships of VET providers and Industry. The platform will offer a learning and development environment to VET students. It will also use Cloud computing technology to provide services to the SMEs involved to update their knowhow.

Main deliverables:

- Establish a European wide cluster of interconnected nodes for innovations development, education and for generation of new start-ups using the latest cloud computing technologies
- Cloud education and innovation environment supporting co-development and collaboration between participating countries and institutions, supporting an increase in exchange of teaching personnel and students between institutions.
- Innovative training material presenting the latest cloud tools and technologies.
- Report on cluster of interconnected nodes and training programme.
- Dissemination of the interconnected nodes cluster model, environment and training material.

EU grant
€ 999.882

Project duration
2 years

Website
dihubcloud.eu

Lead organisation
Helsinki Business college oy

Location
**Rautätienkatu 5
Helsinki 00520, Suomi/Finland**

Countries
**Finland, Bulgaria, Estonia,
Croatia, Portugal**

Partners

Bulgaria

Bulgarian Romanian chamber of commerce
and industry;
Sdrudzenie znam i moga;

Estonia

AS bcs koolitus;
Tartu linn;

Finland

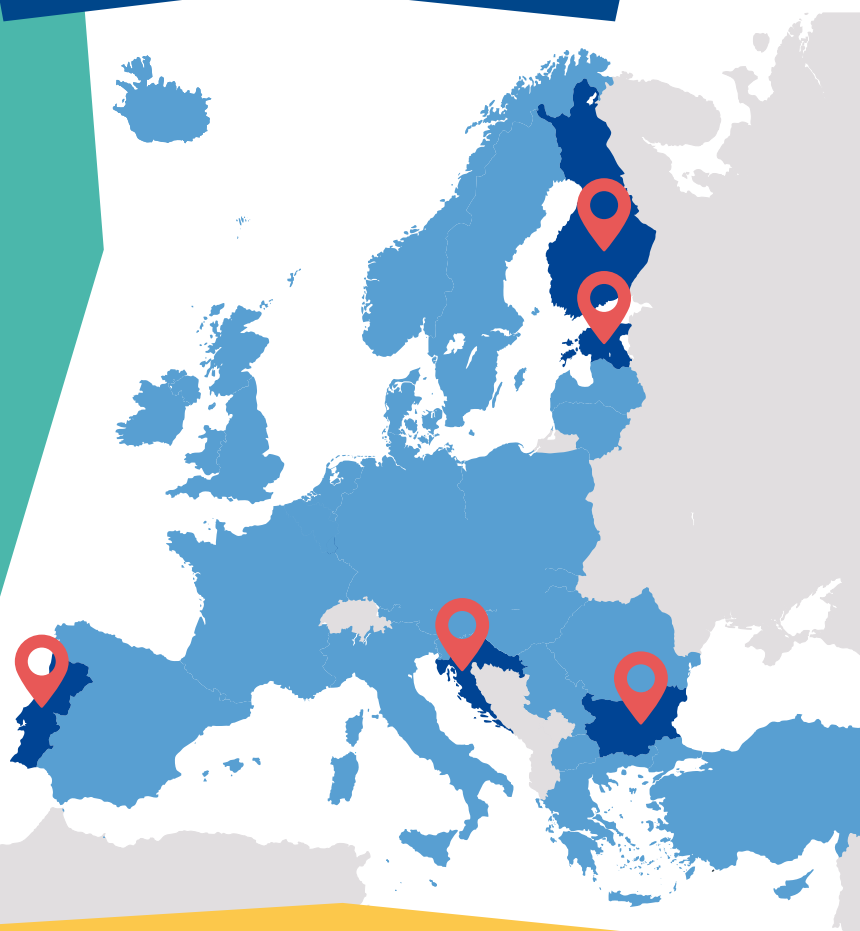
Haaga-helia ammattikorkeakoulu oy;
Helsingin seudun kauppakamari - Helsingforsregionens
handelskammare ry;

Croatia

Algebra university college;
Croatian employers' Association;

Portugal

Associacao para o polo das tecnologias da informacao,
comunicacao e electronica tice.pt;
Inova+ - Innovation services, SA.



Associated partners
1 from the EU

Type of partners
**2 VET-Providers; 6 Companies, Industries
or Sector Representatives; 2 Higher
Education Institutions; 2 Non-Governmental
Organisations/Associations**



DIHVB

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ECOVEM – European Centre of Vocational Excellence in Microelectronics

Pilot projects selected for funding ERASMUS+ Support for Policy Reform 2020 Call

ECOVEM establishes a European Cooperation platform of Vocational Excellence in Microelectronics to tackle the challenges of digitalisation, artificial intelligence, green technologies, gender equality and technology, integration of migrants. ECOVEM implements innovative instructional approaches towards life-long capacity to self-regulate learning, hard skills and soft skills using the ecosystems-based theoretical models and performance support systems.

Main objectives

- Share ideas, methodologies and experiences towards vocational excellence in microelectronics sector, notably through the analysis and anticipation of relevant skills, innovative learning, job-related and work-based training
- Develop innovative VET curricula for EQF 3 to 8 in collaboration with companies, polytechnics and social partners
- Disseminate the achievements of microelectronics in digitalisation, green energy, robotics, space technologies and medicine to raise the attractiveness of microelectronics VET

Main deliverables

- Provision of skills and occupation profiles for microelectronics
- Establishment of an open microelectronics skills and qualification framework
- Development of new curricula and short courses, including on microelectronics for greener economy
- Provision of guidelines for innovative learner-centred VET with e-learning materials design and work-based learning approach
- Development of an ECOVEM certification and recognition model

EU grant
€ 3.990.321

Project duration
4 years

Lead organisation
Technical University of Sofia

Location
**8 Kliment Ohridski blvd
Sofia 1000, Bulgaria**

Partners

Bulgaria

Bulgarian Industrial Association;
Student Computer Art Society (SCAS);
MASHO EOOD; Romit Ltd;

Germany

J-ArtEck Jugendbildungsstätte e.V.;
SEMI Europe GmbH;
Technical University Berlin;
EXOLAUNCH GMBH;

Italy

IAL Innovazione Apprendimento Lavoro Friuli Venezia
Giulia srl; COMET SCRL;
Associazione CIMEA;

France

Institut National d'Énergie Solaire, INES-Formation;
Pôle SCS;

Spain

ANCCP; CEPYME;
Universidad Nacional de Educación a Distancia;

Cyprus

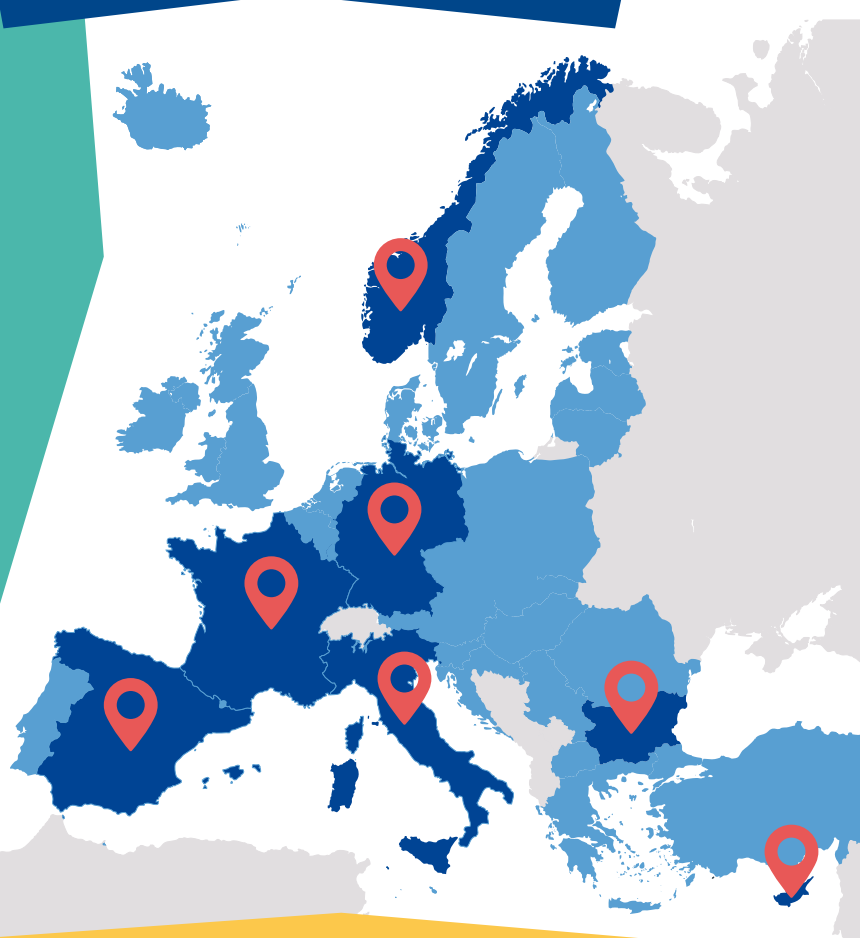
Cyprus Productivity Centre; Cyprus Chamber of
Commerce and Industry;
European Association of Career Guidance;

Norway

European Center of Women in Technologies.

Countries

**Bulgaria, Cyprus, France, Germany,
Italy, Norway, Spain**



Associated partners
11 from the EU

Type of partners

6 VET Providers; **10** Companies, Industry or
Sector Representatives; **1** Public Organisation;
1 Foundation; **3** Associations; **4** Public
Authorities; **1** Consortium.



For more information

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EULEP

Partnership for Excellence - Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2021 call

EULEP is the European Learning Experience Platform that brings together 20 organisations from 8 countries, mainly Chambers of Commerce and Industry and VET providers, to work on innovation oriented subjects (artificial intelligence, virtual reality, social innovation). In cooperation with European Digital Innovation Hubs (EDIH) they reach out to different levels from the local to the European one. Thanks to cross-fertilisation, it will be possible for the consortium to develop replicable and scalable methodologies that fit into different contexts.

Main objectives

- Make C-VET more attractive for lifelong learning
- Offer businesses new and tailor-made training modules that correspond to their skills needs
- Establish or reinforce knowledge triangles at regional and national level
- Embed VET in regional economic development strategies and reinforce its governance, putting it on a sustainable path.

Main deliverables

- Some 500 companies take part in the different activities indicating their skills needs, evaluating and testing project outcomes.
- 24 VET trainers will be trained in 1 European Learning Academy, learning the 3 modules and training paths
- 160 participants will join regional multiplier events
- At least 8 VET promotion campaigns and skills competitions will be organised
- Regional VET Councils will draft 8 smart VET strategies and 8 action plans to put the project outcomes on a sustainable footing
- 2 major project events will gather some 170 stakeholders.

Project duration **4 years**

EU grant **€ 3.940.376**

Lead organisation **Eurochambres**

Location **Avenue Des Arts 19AD, 1000 Bruxelles, Belgium**

Partners

BELGIUM Centrum voor Volwassenenonderwijs BVS; Chambre De Commerce Et D'industrie Bruxelles;

AUSTRIA Wirtschaftskammer Österreich;

CYPRUS Center For Social Innovation; Chamber Of Commerce And Industry;

SPAIN Cambra Oficial De Comerç I Industria De Terrassa; Fundacio Per A La Universitat Oberta De Catalunya; Ajuntament De Terrassa;

FRANCE Chambre de Commerce et d'Industrie du Var; GIP Formation Et Insertion Professionnelle De L'academie De Nice;

ITALY Università Degli Studi Di Genova; Istituto Formazione Operatori Aziendali; Unione Italiana Delle Camere Di Commercio Industria Artigianato E Agricoltura Unioncamere; Istituto Nazionale Per L'analisi Delle Politiche Pubbliche;

LATVIA Ogres Tehnikums; Latvijas Tirdzniecības Un Rupniecības Kameras;

TURKEY Türkiye Odalar Ve Borsalar Birliği; Türkiye Ekonomi Politikaları Araştırma Vakfı; Tobb Ekonomi Ve Teknoloji Üniversitesi.

Countries
Austria, Belgium,
Cyprus, France,
Italy, Latvia,
Spain, Turkey



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EUROPEAN OPEN DESIGN SCHOOL FOR SUSTAINABLE REGIONAL DEVELOPMENT

Pilot projects selected for funding ERASMUS+ Sector Skills Alliances 2019 Call EAC A03/2018

DeuS is a regional Vocational Educational Training (VET) project in the cultural and creative sector joining relevant players from Austria, Denmark, Finland, Italy, Lithuania, Malta, Netherlands, Slovakia and UK. It builds on the work in the Open Design School pilot initiative promoted under ECoC Matera 2019.

DeuS is shaped around the Open Design School, the pillar project of Matera 2019, European Capital of Culture. The Open Design School is a design laboratory using a peer-to-peer approach, where professionals of any discipline work together sharing knowledge and expertise and testing the design solutions with the local community.

Main deliverables:

- Identity and develop a learning and training approach (in accordance with ECVET and inspired by the EntreComp Framework) that is employability-driven and builds on pedagogies that draw on a work-based approach, along with a training and learning scheme that is expected to be open, inclusive and non-hierarchical
- Develop a co-creation process involving local/regional CCI communities, policy makers and citizens in order to identify local challenges and generate solutions adoptable at EU level
- Establish innovation hubs (Living Labs) that support SMEs, professionals and VET learners to conduct research and develop innovative products and services
- Design a Knowledge Creative Platform specific to the CCI sector that becomes a point of reference for VET learners and trainers and all sectoral professionals
- Develop a financial model to promote sustainability that combines public and private funding and income-generating activities)

EU grant
€ 874.093

Project duration
2 years

Website
deuscci.eu

Lead organisation
**FONDAZIONE
MATERA-BASILICATA 2019**

Location
**Via Madonna delle Virtù s.n.
c/o Palazzotto del casale
75100 Matera, Italy**

Countries

Italy, Austria, Denmark, Finland, Lithuania, Malta, Netherlands, Slovakia, United Kingdom

Partners

Austria

Creative.region Linz & upper Austria GMBH;

Denmark

Fonden creative business cup;

Finland

Kaakkois-suomen ammattikorkeakoulu oy;

Italy

Consorzio materahub industrie culturali e creative;

Lithuania

Vytauto didziojo universitetas;

Malta

Valletta 2018 foundation;

Netherlands

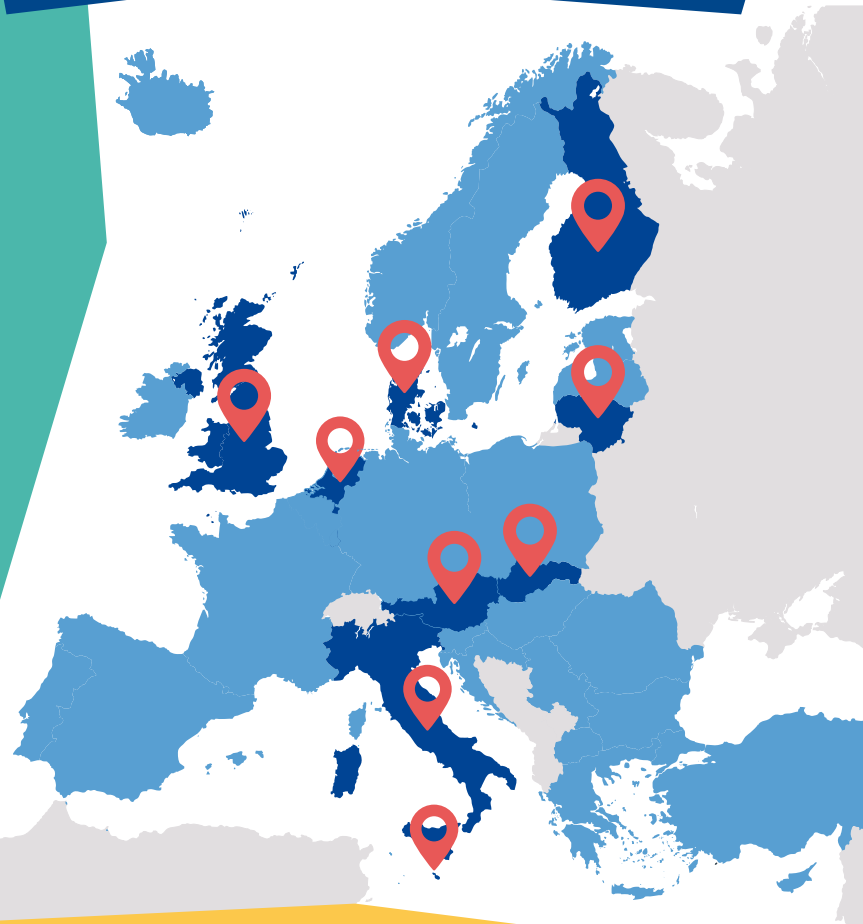
Stichting european creative business network;

Slovakia

Creative industry Kosice, no;

United Kingdom

University of Wales Trinity Saint David Royal charter.



Associated partners
11 from the EU

Type of partners

7 VET-Providers; 5 Companies, Industries or Sector Representatives; 6 Public Bodies; 2 Research Centres; 1 Non-Governmental Organisation/Association

DeuS
Learn, Design, Create

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FASHION EARTH ALLIANCE – VOCATIONAL EXCELLENCE AND ENTERPRISE UNITED FOR TRAINING, POLICY REFORM AND SUSTAINABILITY IN THE FASHION, TEXTILES AND APPAREL INDUSTRIES (FEA-VEE)

Partnership for Excellence - Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2021 call

FEA-VEE combines a mixture of partners that allow for interactions and exchanges between VET providers of different levels and industry representatives of the fashion industry. The flow of cooperation between these diverse actors is established by two main pillars: a) a common understanding and agreement on future shared strategies and activities, and b) facilitated actions spearheaded by an online networking platform for initiating and maintaining collaborations and learners' mobility.

Main objectives

- To contribute to attracting more young people in the fashion, textiles and clothing sectors, and thus, in producing new workforce that is VET recognized, skilled and competent for the 21st century labour needs, trained through work-based training and apprenticeships in direct liaison with the industry.
- To contribute to the development in the fashion, textiles and clothing sectors of greener, more circular and sustainable economic models, as well as more ethical and concentrated on fair trade values.
- To establish a Green Entrepreneurship policy reform pathway for incorporating sustainability concerns within entrepreneurial planning, while promoting entrepreneurship through start-ups and incubation, as well as entrepreneurial skills and competences among the workforce within educational institutions and after graduation as part of lifelong learning.

Main deliverables

- Agenda of Potential pathways for innovation and co-operation
- Transnational Collaboration Platform for stakeholders
- Training materials for teachers and trainers, students and graduates
- Study visits abroad in Spain and Germany

Project duration **4 years**

EU grant **€ 1.606.432.40**

Lead organisation **Technical Institute of Heraklion Chamber (TIHC)**

Location **Archimidous 1 & Ikarou, 70601, Heraklion, Crete, Greece**

Partners

BULGARIA European Fashion Council; Plovdiv Chamber of Commerce and Industry;

GERMANY Italian Chamber of Commerce for Germany; Netzwerk für Mode Textil Interieur Accessoir Design;

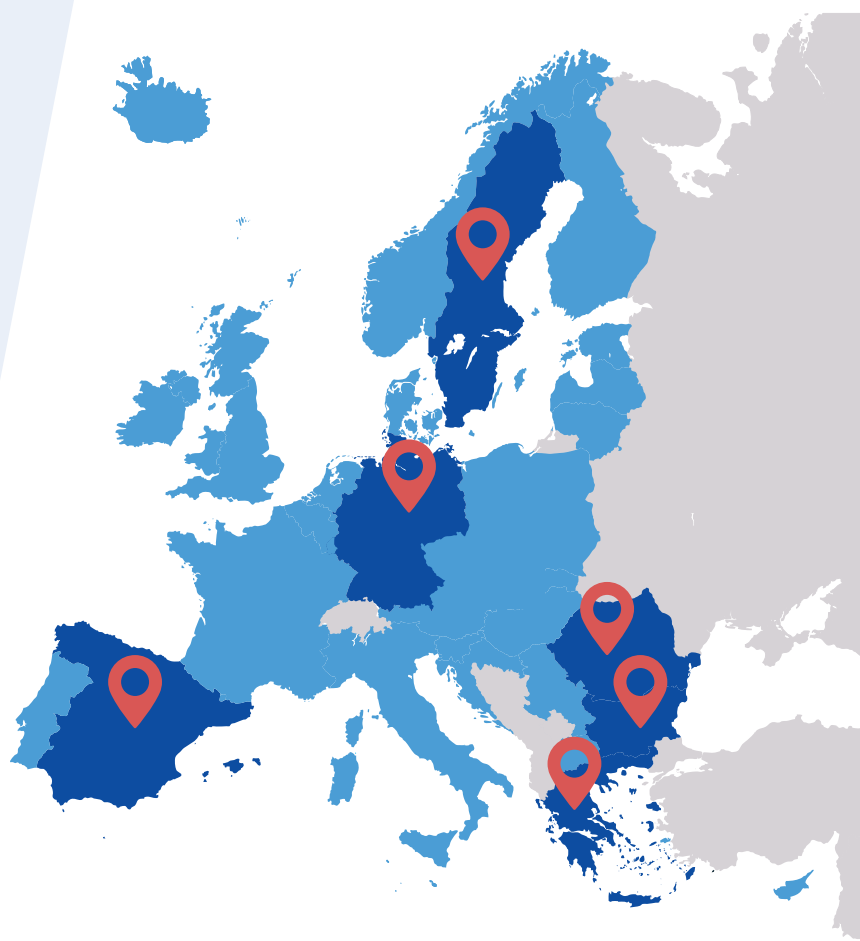
GREECE Fthiotida Chamber of Commerce and Industry; IEK Akmi;

SPAIN Barcelona Chamber of Commerce and Industry; Universitat Politècnica de Catalunya;

ROMANIA Romania Fashion Council; Universitatea de Artă și Design;

SWEDEN Sensus.

Countries
Greece, Spain,
Bulgaria, Romania,
Germany, Sweden



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MOSAIC – MASTERING JOB-ORIENTED SKILLS IN ARTS & CRAFTS THANKS TO INCLUSIVE CENTRES OF VOCATIONAL EXCELLENCE

Partnership for Excellence – Centres of Vocational Excellence
Projects selected for funding under the ERASMUS+ 2021 call

The European Arts & Crafts field is a colourful mosaic of passion, heritage, culture and skills. MOSAIC fosters excellence in VET within the Arts & Crafts sector, and ensures high quality skills that lead to quality employment and career-long opportunities, and meet the needs of today's innovative, inclusive and sustainable economy. Our platform of transnational cooperation breaks down the barriers and brings together certain universes – which still too often function in silo – in order to build an effective training system adapted to the crucial societal challenges related to rapid technological change, digitalisation, climate change, circular economy, social inclusion and new forms of work in the Arts & Crafts sector.

Main objectives

- Improve collaboration between Arts & Crafts companies and VET centres, to reach mutual fertilisation;
- Improve VET provision in Arts & Crafts by delivering new training modules;
- Foster internationalisation and transnational strategies in response to evolutions of VET and society;
- Provide forward-looking VET through the use of digital methodologies and tools

Main deliverables

- Creation of an online European observatory of Arts & Crafts that will reflect the sector's market and its companies' needs, but also gather findings and publications on sector-specific and transversal topics, as well as an online scientific journal;
- Conception of training modules for learners and teachers on sector-specific and transversal skills;
- Development of new forms of internationalisation in the Arts & Crafts sector
- Organisation of an International skills performance for Arts & Crafts learners

Project duration **4 years**

EU grant **€ 3,986,119.00**

Lead organisation **SEPR – Société d'Enseignement Professionnel du Rhône**

Location **46 rue professeur Rochaix, 69003 Lyon, France**

Partners

ARMENIA Simonian Educational Foundation - TUMO Studios;

BELGIUM Centrum EfVET - European forum of technical and Vocational Education and Training;

BULGARIA Harmonia 1 LTD; Chamber of Commerce and Industry Dobrich;

CANADA Cégep de Victoriaville - École nationale du meuble et de l'ébénisterie; and other associated partners;

FINLAND OMNIA - Joint Authority of Education in Espoo region; LAB University of Applied Sciences; Puusepäntiike Wooden Oy;

FRANCE SEPR - Société d'Enseignement Professionnel du Rhône; Université Jean Monnet Saint-Etienne; Chambre Régionale des Métiers et de l'Artisanat AuRA;

ITALY Scuola Centrale Formazione; Union Camere Emilia Romagna; UNISER Società Cooperativa Sociale onlus; Consorzio Materahub.

Countries
Armenia, Belgium,
Bulgaria, Canada,
Finland, France,
Italy



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AILEEN

Partnership for Excellence – Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2022 call

The **Centres of Vocational Excellence in Aerospace & Defence for Advanced Manufacturing** project addresses the shortage of skilled personnel in manufacturing for the Aerospace and Defence industries. The project will set up a transnational cooperation ecosystem of Centres of Vocational Excellence for advanced manufacturing in the Aerospace sector, for the development of innovative methodologies and tools to guarantee specialized sectoral training and the transfer of excellence knowledge and activities in the field of Vocational Education and Training. The project will target both current and future professionals in Advanced Manufacturing, with a focus on EQF levels 4-7. To boost the outcomes of the project, the results will be disseminated throughout Europe, while the platform is also open for non-partner VET-providers.

Main objectives

- To address skills shortage and mismatch in Advanced Manufacturing for the Aerospace and Defence Sectors, contributing to competitiveness of SMEs and the industry.
- To develop and disseminate innovative methodologies and tools for training in the sector (EQF 4-7).
- To disseminate best practices in Vocational Excellence in Advanced Manufacturing for the Aerospace and Defence sectors with a Europe-wide network.

Main deliverables

- Strategic Plan for Advanced Manufacturing Aerospace & Defence CoVEs.
- Identification of existing CoVE best practices.
- Development of methodologies to nominate & award of CoVEs.
- Perform Advanced Manufacturing CoVEs' Nomination.
- Creation of mechanisms to transfer best practices among VET & HE institutions.
- Perform a capacity building workshop for consortium VET partners.
- Pilot several approaches for training delivery: Apprenticeships, Applied Research and Competence Units.
- Mobility of staff program among partners.

Project duration **4 years**

EU grant **€ 2.837.147**

Lead organisation **European Federation for Welding Joining and Cutting**

Location **Av Antoon van Oss 14, 1120 Brussels, Belgium**

Partners

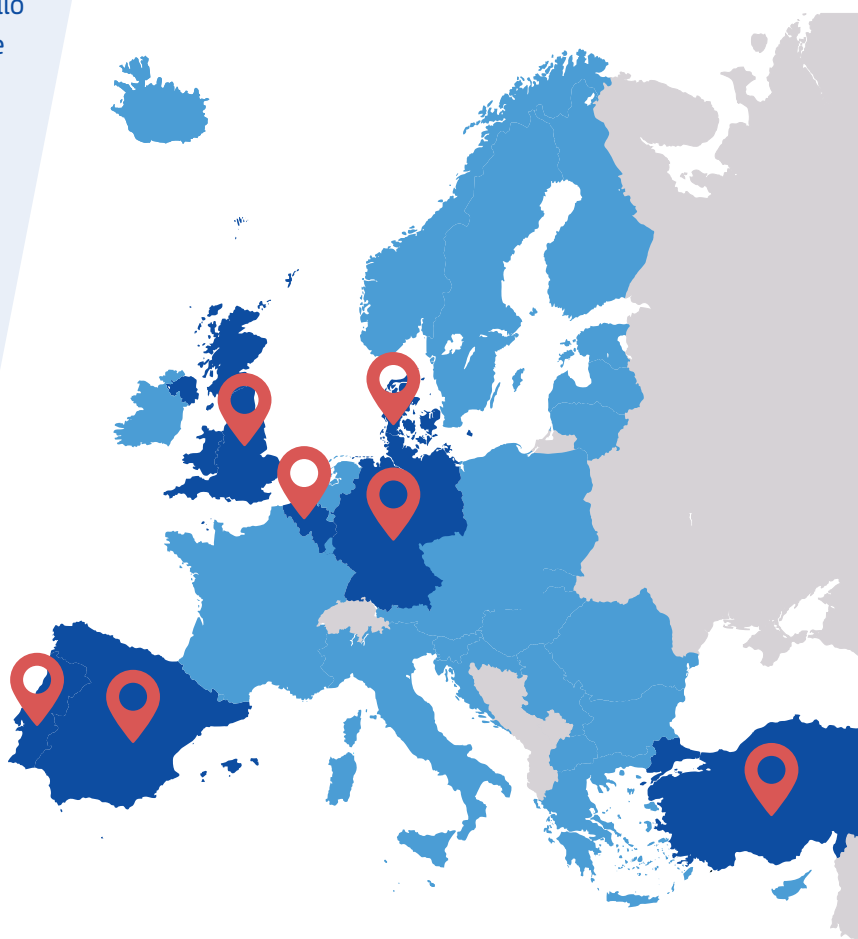
BELGIUM European Federation For Welding Joining And Cutting; Belgisch Instituut Voor Lastechniek Vzw. **DENMARK** Center For Sikkerhedsindustri N i Danmark; Mercantec.

GERMANY Eos Gmbh Electro Optical Systems; Lzh Laser Akademie Gmbh; Fraunhofer Gesellschaft Zur Forderung Der Angewandten Forschung Ev. **PORTUGAL** Favoritanswer Consultoria Em Engenharia Lda; Instituto De Soldadura E Qualidade. **SPAIN** Soluciones Sicnova Sl; Asociación Empresarial De Tecnología De Asturias Para El Desarrollo De La Industria De La Defensa; Asociacion Espanola De Soldadura Y Tecnologias De Union; Fundacion Idonial.

TÜRKIYE Brunel University London; Gedik University.

UK Pri Europe Ltd; The Manufacturing Technology Centre Limited; Brunel University London.

Countries
Belgium, Denmark,
Germany, Portugal,
Spain, Türkiye, UK



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ALLVIEW – Alliance of Centres of Vocational Excellence in the Furniture and Wood Sector

Pilot projects selected for funding ERASMUS+ Support for Policy Reform 2020 Call

ALLVIEW will create an EU platform of Centres of Vocational Excellence in the field of Furniture and Wood. It bases its training strategy of excellence in 3 pillars of innovative knowledge: Circular Economy, Digitalization and Corporate Social Responsibility. The project aims to align the sectoral needs with all major VET policies as to facilitate transfer of learning achievements among countries and between educational levels.

Main objectives

- Strengthen quality assurance of new curricula related with the Furniture and Wood industry
- Provide better careers information raising attractiveness of VET and clearer pathways from T-VET to HE

Main deliverables

- Foundation of a long-term EU Dual Training platform for the Furniture & Wood sector
- Production of an open source AI-based software framework for broad skills assessment, identifying specific areas in need of development, and offering targeted training to address gaps
- Development of new curricula and learning outcomes in the following topics: Digital Transformation, Industry 4.0, Circular Economy, Ambient Assisted Living and Corporate Social Responsibility
- Development of new tools and teaching methodologies using AR/VR and 3D printing
- Provision of a guide for the application of EU VET policies in the Wood and Furniture sector

EU grant
€ 3.959.959

Project duration
4 years

Lead organisation
Technological Centre of Furniture and Wood of Murcia Region

Location
Perales S/N, 30510 Yecla (Murcia), Spain

Partners

Belgium

European Association of Development Agencies;
InnovaWood; VDAB - Flemish Public Employment Services;
WOODWIZE; Sint-Paulusschool - Campus VTI Waregem;

Germany

Karlsruhe Institute of Technology; The Main Association
of the German Wood Industry;

France

Institut Technologique Foret Cellulose Bois - Construction
Ameublement;

Italy

FederlegnoArredo; ASLAM Cooperativa Sociale; Centro
Internazionale per la Promozione dell'Educazione e lo
Sviluppo;

Netherlands

Hout- en Meubilerings College;

Poland

Faculty of Wood Technology of the Warsaw University
of Life Sciences; Associate of Foresters and Wood
Technologists;

Slovenia

University of Ljubljana; Wood Industry Cluster;
Institute of the Republic of Slovenia for Vocational
Education and Training;

Spain

Technical university of Cartagena;
CENFIM Furnishings Cluster & Innovation Hub;
Innovative Business Association of Furniture
Manufacturers and Related in the Murcia Region;
Murcia Region Employment Service.

Countries

**Belgium, France, Germany, Italy,
Netherlands, Poland, Slovenia, Spain**



Associated partners
4 from the EU

Type of partners
**8 VET Providers; 10 Companies,
Industry or Sector Representatives;
4 Higher Education Institutions;
2 Employment Services;
1 European Association; 1 Public
Authority.**



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AUTO-COVE 2.0

Partnership for Excellence – Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2022 call

The **Greening Europe with support of clean-tech-vehicle education** project's vision is to build an Education and Training framework for the vehicle sector with a clear orientation towards the green transition. The project aims to address the skills gap in the automotive sector regarding sustainability by setting up a multidisciplinary partnership between VET-schools, Higher Education Institutions, and vehicle companies from countries with significant experience in the car industry.

Main objectives

- To contribute to Europe's sustainable growth, by developing digital and practical skills in the vehicle sector that is central to ambitions of combatting climate change and adopting clean energy.
- To develop expertise in the automotive industry on new innovations and fuel technologies.
- To up- and reskill the current workforce in the automotive sector to ensure their long-term employability.

Main deliverables

- Skills-gap analysis through a survey for the VET colleges and industry representatives, which will be implemented by Finnish Research centre and German THWs (Technische Hochschule Würzburg-Schweinfurt).
- Creation of 17 study modules and 10 training courses of modern vehicle technology and vehicle sales in co-operation with vehicle field teachers, partner company representatives and Estonian, Lithuanian and German technical universities.
- Pilot of modules among VET-teachers, vehicle company service, sales personnel, and vehicle students at secondary and tertiary levels.
- Testing and using of digital tools among project output piloting participants: VET-teachers, learners and industry representatives.
- Project outputs will be disseminated by Dutch Elected International-company to 3.400 active VET-providers worldwide in 8 language versions, and in English via the OER-platform.

Project duration **4 years**

EU grant **€ 3.999.016**

Lead organisation **OMNIA the Joint Authority of Education in Espoo Region**

Location **PO BOX 77700, 02070 Espoo, Finland**

Partners

ESTONIA Tartu Linn; Eesti Maaulikool; Toyota Baltic As.

FINLAND Espoon Seudun Koulutuskuntayhtymä Omnia; Teknologian Tutkimuskeskus Vtt Oy; Bilia Oy Ab; Volvo Car Finland Oy Ab. **FRANCE** Societe D'enseignement Professionnel Du Rhone. **GERMANY** Jakob-Preh-Schule, Berufliche Schulen; Technische Hochschule Für Angewandte Wissenschaften Würzburg-Schweinfurt; Preh GmbH.

LATVIA Ventspils Tehnikums. **LITHUANIA** Kauno technologiju mokymo centras; Kauno technikos kolegija.

NETHERLANDS Stichting Regionaal Onderwijs Centrum 'S Hertogenbosch; Electude International B.V.

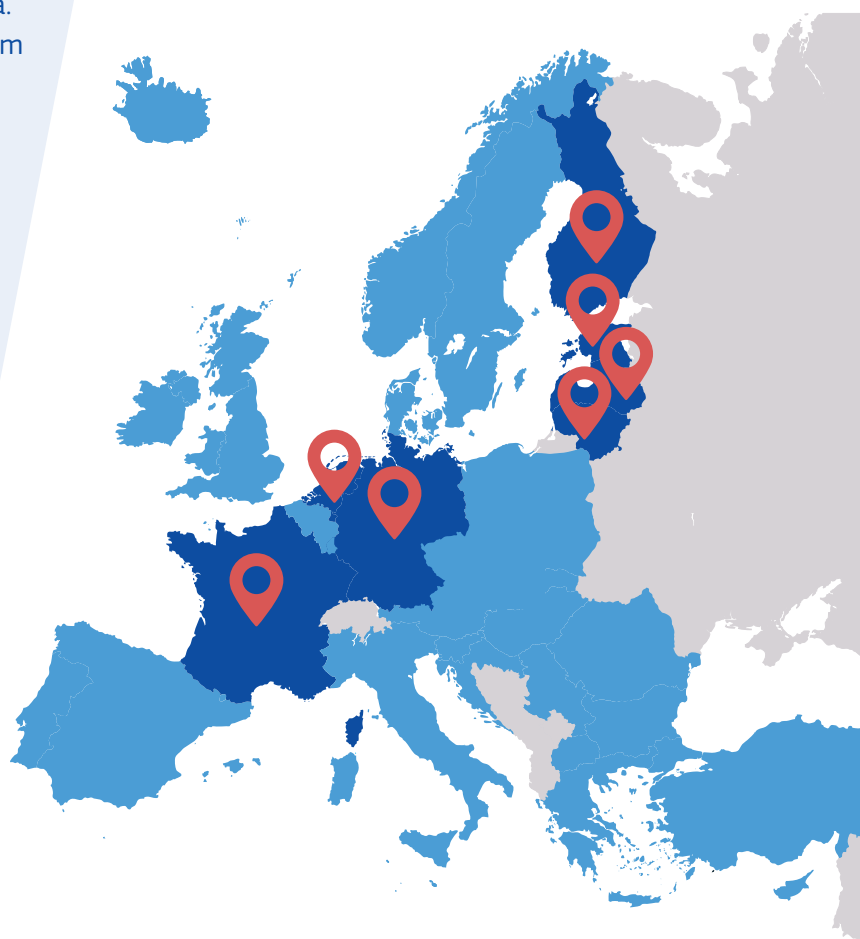
Associated partners

FINLAND Espoon Kaupunki; Optima samkommun; Opetushallitus Oph; Metropolia Ammattikorkeakoulu Oy; Helsingin kaupunki; Stadin ammattiopisto.

GERMANY Regierung von Unterfranken – 40.1; Staatliche Berufsschule Main-Spessart. **LATVIA** Profesionalas izglitibas kompetences centrs “Rigas Tehniska koledza”; Profesionalas Izglitibas Kompetences Centrs Liepajas Valsts Tehnikums.

LITHUANIA Kauno Prekybos, Pramonės Ir Amatu Rūmai; Lietuvos Profesinio Mokymo Įstaigų Asociacija; Vilniaus Automechanikos Ir Verslo Mokykla; Kvalifikacijų Ir Profesinio Mokymo. **NETHERLANDS** Volvo Group The Netherlands BV.

Countries
Estonia, Finland,
France, Germany,
Latvia, Lithuania,
Netherlands



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CATALYST

Partnership for Excellence - Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2021 call

The CATALYST project “European VET Excellence Centre for Leading Sustainable Systems and Business Transformation” is designed with strong vision and motivation to contribute to realisation of the European Green Deal and the new Industrial and SME Strategies. The desired impact of the project is the established CoVEs to be ‘catalyst’ on national, regional and European level, ‘enable’ change and ‘inspire’ and transformation of individuals and SMEs toward more green and sustainable systems and societies. The establishment of CATALYST CoVEs in 5 European countries: North Macedonia, Greece, Austria, Portugal and Germany will be a result of mutual collaboration of 16 project partners, and will be supported and promoted in additional 11 European countries by the 36 associated partners.

Main objectives

- To support and embrace SMEs transformation by creating an educational offer that will tackle personal and organisational development.
- To enable and inspire SMEs to re-think and re-design their business models, co-creating and sharing between educational and business organisations.
- To foster innovation and applied knowledge in approaches of learning and tailor-made VET program via the “Enable component”, as well as support of SMEs to create sustainable businesses via the “Inspire component”.

Main deliverables

- 5 CoVEs and CATALYST Network anchored the European VET eco-system;
- 70 VET courses for up-skilling professionals and students in the field of sustainability and management;
- Co-create and disseminate applied knowledge inspiring business-education partnerships involving students, professionals and SMEs;
- Apply the Collaborative-Innovative (CO-IN©) Model
- Create CATALYST Platform which will unite all CoVEs on a European level;
- Implement VET trainings, pilot-project with SMEs and applied joint research projects in selected sectors according to the national S3;
- Raise awareness of the potential CATALYST CoVEs have and increase the demand and attractiveness of VET.

Project duration **4 years**

EU grant **€ 2.770.131**

Lead organisation **Institute For Research In Environment, Civil Engineering And Energy, Skopje (Mk)**

Location **Drezdenska Br 52, 1000 Skopje, North Macedonia**

Partners

NORTH MACEDONIA Civil Engineering Institute Makedonija; Small Business Chamber;

GERMANY Collaborating Centre on Sustainable Consumption and Production; Bells; Federal Association of Green Businesses;

AUSTRIA BEST Institute of Continuous Vocational Qualification Training and Personnel Training; FH Joanneum University of Applied Sciences; Apflbutzn Faires Gwand;

PORTUGAL University Institute of Lisbon; Intellectual Capital Association; CENTIMFE;

GREECE AUEB-RC; Creative Thinking Development; Sporos Circular Solutions;

FRANCE SDSN Association Paris;

Associate Partners

NORTH MACEDONIA SUGS “Vlado Tasevski”; Yes Foundation; Ss. Cyril And Methodius University; Macedonian Chambers of Commerce;

AUSTRIA Christof Industries; Uni Graz; Fair und Sensibel Österreich; Green Tech Cluster Styria;

PORTUGAL Toolpresse, Pecas Metalicas por Prensagem LDA; ITJ; Universidade de Lisboa; MOLDIT Industria de Moldes;

GREECE UTH; University of West Attica; Techlab; Mesogeiaiko Ekpaideftiko Kentro; Synchrono; General Lyceum Nea Penteli; Geniko Lykeio Kompotioy; Athena – Research And Innovation Center; EYDAP;

GERMANY City Of Krefeld;

FINLAND Vaasan Yliopisto; Helsinki Business College; Turku University Of Applied Sciences; Siec;

SLOVENIA ZRS Bistra Ptuj; Papilot Zavod Ljubljana;

CYPRUS Cyprus Employers And Industrialists Federation;

LITHUANIA Viesoji istaiga “Svietimo, tyrimu ir konsultaciju centras”;

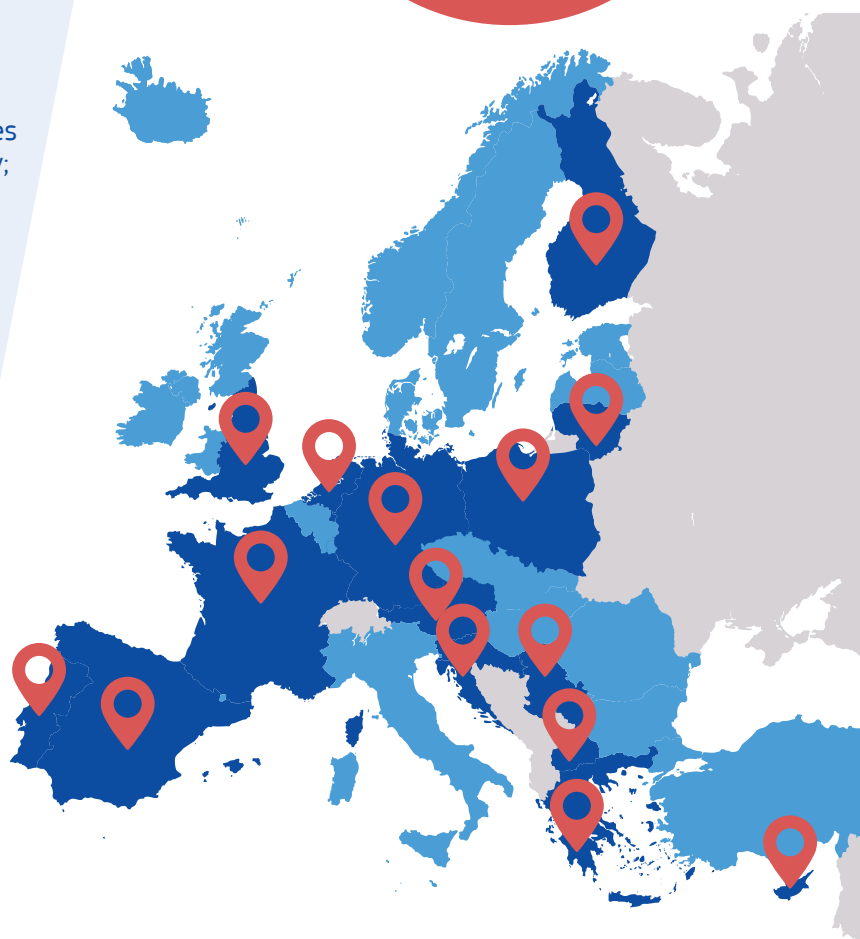
POLAND Stowarzyszenie na rzecz innowacji i edukacji;

ALBANIA Albanian Business Services Association;

BOSNIA AND HERZEGOVINA Univerzitet Dzemat Bijedic U Mostaru; HP Investing; Winner Project;

SERBIA Univerzitet U Nisu.

Countries
North Macedonia,
Austria, Germany, Greece,
Portugal, France, Albania,
Bosnia and Herzegovina,
Cyprus, Finland, Lithuania,
Netherlands, Poland,
Serbia, Slovenia, Spain,
United Kingdom.



For more information

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EE4M

Partnership for Excellence – Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2022 call

The **Engineering Excellence for the Mobility Value Chain** (EE4M) project addresses the increasing need for training, re-, and upskilling of engineers in the mobility value chain to adapt to the recent developments of Industry 4.0 / Industry 5.0 (smart operations management) and sustainability (sustainable operations management). EE4M focuses on the professional development of smart and sustainability competences of engineers in the mobility value chain by offering innovative Vocational Education and Training (VET) micro-credential modules supported by a transnational Centre of Vocational Excellence (CoVE).

Main objectives

- To realign the vocational education and training for engineers in the entire mobility value chain – from raw materials to recycling – by incorporating recent developments in the areas of digitalisation and sustainability.
- To support the long-term competitiveness and employability of the European engineering sector by refocusing education and training on trends like changing consumer behaviour, disruptive technologies, decarbonisation, and hyperlocal mobility.
- To provide micro-credentials as a flexible way of addressing continuous education and training needs.

Main deliverables

- Transparent and empirical-based investigation of future educational needs of generic and specific professional and transversal competences for the engineers of tomorrow in smart and sustainable operations management.

- Exemplary development of new, innovative competence-based teaching and learning concepts and micro-credentials based on the derived competence profiles.
- Piloting of developed syllabi and learning pathways within the CoVE labs in the four regions, with subsequent assessment and evaluation through quality assurance measures.
- Establishment and further development of existing physical labs and an overarching online platform that acts as a connecting online hub between countries and within Europe.
- Set-up of competence centres at upper secondary level schools and participating universities in all four partner countries to enable successful learning and development spaces for initial and continuous VET students and teachers.
- Barrier-free and free access to smart and sustainable operations management labs to ensure social equality.
- More than 1,000 VET teachers/trainers, practitioners, and students from all over Europe within EQF levels 4-8 will be enabled to acquire transdisciplinary skills in the field of smart and sustainable operations management through innovative teaching and learning environments.
- More than 27 events, such as workshops, open lab days, or hackathons, will be organized within the regional CoVEs.

Project duration **4 years**

EU grant **€ 3.525.985**

Lead organisation **Montanuniversität Leoben**

Location **Franz-Josef-Straße 18, 8700 Leoben, Austria**

Partners

AUSTRIA Montanuniversität Leoben; Technische Universität Graz; Höhere Technische Bundeslehranstalt Wolfsberg; Österreichischer Verband der Wirtschaftsingenieure. **GREECE** Ethnicon Metsovion Polytechnion; Wind Ellas Tilepikoinonion AEBE. **ITALY** Libera Università Di Bolzano; Fraunhofer Italia; Technologische Fachoberschule "Max Valier"; Technologische Fachoberschule Bruneck; NOI Techpark Südtirol/Alto Adige. **SPAIN** Mondragon Goi Eskola Politeknikoa Jose Maria Arizmendiarieta, S.Coop.; Instituto Técnico Comercial Cuatrovientos, S.Coop.; Volkswagen Navarra, S.A.; Tracasa Instrumental, S.L.

Associated Partners

AUSTRIA Bundesvereinigung Logistik Österreich; Bildungsdirektion für Kärnten; Industriellenvereinigung Kärnten; Internationale Gesellschaft für Ingenieurpädagogik; Mahle Filtersysteme Austria GmbH; European Professors of Industrial Engineering and Management (EPIEM); Industriellenvereinigung Steiermark; Paul Rudolf Gesellschaft m.b.H. **GREECE** Environmental, Chemical & Metallurgical Services, L.T.D.; Advanced Minerals and Recycling Industrial Solutions, I.K.E.; Neuropublic AE Pliroforikis & Epikoinonion Facets, AE. **ITALY** Assoimprenditori Alto Adige; Automotive Excellence Südtirol; Istituto per la promozione dello sviluppo economico; GKN Sinter Metals S.P.A.; GKN Driveline Brunico S.P.A. **SPAIN** MONDRAGON Corporation, S.Coop.; Ekide, S.L.; BIKO2 2006, S.L.; Fundacion Para El Desarrollo De Iniciativas Empresariales Y Sociales; 540 Tech Consulting, S.L.; Operations Management Engineers, S.L.

Countries
Austria, Greece,
Italy, Spain



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TEACH4SD

Partnership for Excellence – Centres of Vocational Excellence Projects selected for funding under the ERASMUS+ 2022 call

The **Transforming Education Area and Competency Hub for Sustainable Development** project focuses on training teachers and developing innovative teaching material to contribute to the efforts of sustainable development laid out in the European Green Deal. The project will setup five Centres of Vocational Excellence on one topic each, covering health, trade, entrepreneurship, clothing and textiles, and construction. The European Platform of Centres of Vocational Excellence will link the five CoVEs which will develop a Digital ESD Academy providing sustainability competences (transversal and technical skills) for education and training, re- and upskilling, as well as exchange of best practices.

Main objectives

- To support the ambitions put forward by the European Green Deal on tackling climate and environmental-related challenges, by focusing on five critical sectors of health, trade, entrepreneurship, clothing and textiles, and construction.
- To empower and educate teachers to take on a leading role as change-makers and thereby contributing to the European ambition of a socially fair and just green transition.
- To shape an ESD movement for schools in Europe through the regional-anchored knowledge hubs and the European Digital Hub offering upskilling activities and continued education.

Main deliverables

- Creation of 5 regional CoVE ecosystems on five different industrial sectors: health, trade, entrepreneurship, clothing and textiles, and construction.
- Setting-up of a European Platform of Centres of Vocational Excellence will link the five CoVEs and provide a Digital Hub.
- Development of content of Train-the-Trainer course for teachers from Higher Education Institutions (HEI) with EQF levels 5-8, VET institutions with EQF levels 3-5 and the world of work.
- Setting up, piloting, and rolling out of digital ESD Academy providing sustainability competences (transversal and technical skills) for education and training, re- and upskilling, as well as exchange of best practices.
- The digital hub will become a tool to shape the future skills governance systems by activating and moving regional development strategies.

Project duration **4 years**

EU grant **€ 3.997.020**

Lead organisation **Via University College**

Location **Hedeager 2, 8200 Aarhus N, Denmark**

Partners

BELGIUM ODISEE; Syntra Midden-Vlaanderen vzw; Ceo's 4 Climate. **DENMARK** Via University College; Midtjyllands Eu Kontor Forening; Sosu Ostjylland; Aarhus Kommune. **NETHERLANDS** Stichting Saxion; Stichting Regionaal Opleidingencentrum Van Twente; Stichting Novel-T. **ROMANIA** Universitatea Tehnica Gheorghe Asachi Din Iasi; Colegiul Tehnic "Gh.asachi"; Camera de Comert si Industrie a judetului Iasi. **SPAIN** Fundacio Privada Elisava Escola Universitaria; Fundacio Eurecat; Cambra Oficial De Comerc Industria I Navegacio De Barcelona.

Countries
Belgium, Denmark,
Netherlands,
Romania, Spain



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COVES FOR THE TOURISM INDUSTRY – TOURX

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TourX aims at the development of a bottom-up approach to excellence in the Tourism Sector, where the partnering Educational Providers (VET and HEIs) are increasing their ability of rapidly adapting skills provision to evolving economic and social needs. TourX fosters a bottom-up approach that includes the establishment of regional knowledge-triangles, through the establishment of a sustainable Platform for Excellence in Tourism.

Main objectives

- Foster National and transnational collaboration among all partnering stakeholders
- Increase skills anticipation in the tourism industry
- Increase sectoral employability and foster competitiveness
- Increase of investments in tourism related human resources
- Achieve a fairer and more sustainable and resilient model in tourism
- Foster internationalization to address long standing structural weaknesses
- Creation of feedback loops to adapt VET provision
- Increase the image of VET in the tourism sector

Main deliverables

- A Transnational Ecosystem for Excellence in Tourism
- A TourX “Hospitality Labs” ToolBox for Excellence
- 5 Competence-Based Curricula (EQF level 3-7), short-term training programmes and a horizontal Training Package, with the use of DigiComp and other related Competence Frameworks
- A WatchTower for regional skills needs in the Tourism Sector

Project duration **4 years**

EU grant **€ 3.974.051**

Lead organisation **AKMI S.A**

Location **16, Kodrigtonos Str., Athens, 10434**

Partners

GREECE GREEK-ITALIAN CHAMBER OF COMMERCE, INSTITOUTO MIKRON EPICHIRISEON GENIKIS SYNOMOSPONDIAS EPAGGELMATION BIOTECHNON EMPORON ELLADOS, Regional Development Fund on behalf of the Region of Attica, Hellenic Open University, NATIONAL ORGANISATION FOR THE CERTIFICATION OF QUALIFICATIONS AND VOCATIONAL GUIDANCE, EPIMELITIRIO ACHAIAS;

ITALY Confindustria Veneto SIAV spa, REGIONE DEL VENETO - DIREZIONE TURISMO, ENAIP VENETO IMPRESA SOCIALE, St Skills Together Srls,

SPAIN Asociación Mundus – Un Mundo a tus Pies, AYUNTAMIENTO LA OLIVA, Asociación de Empresarios Turísticos de Fuerteventura, ESCUELA DE HOSTELERIA EUROPEA SL, University of Aveiro, Sun Dreams Global S.L

GERMANY Landkreis Spree-Neiße/Wokrejs Sprjewja-Nysa, Deutscher Hotel- und Gaststättenverband Brandenburg e.V., Ausbildungsverbund Teltow e.V., BK Consult GmbH, EUROPEAN VOCATIONAL TRAINING ASSOCIATION, Europäischer Verband Beruflicher Bildungsträger,

BELGIUM Confédération Européenne des Associations des Petites et Moyens Entreprises, EU Project Innovation Centre

Countries
Greece, Italy,
Spain, Portugal,
Belgium, Germany,
China



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