



European
Commission

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

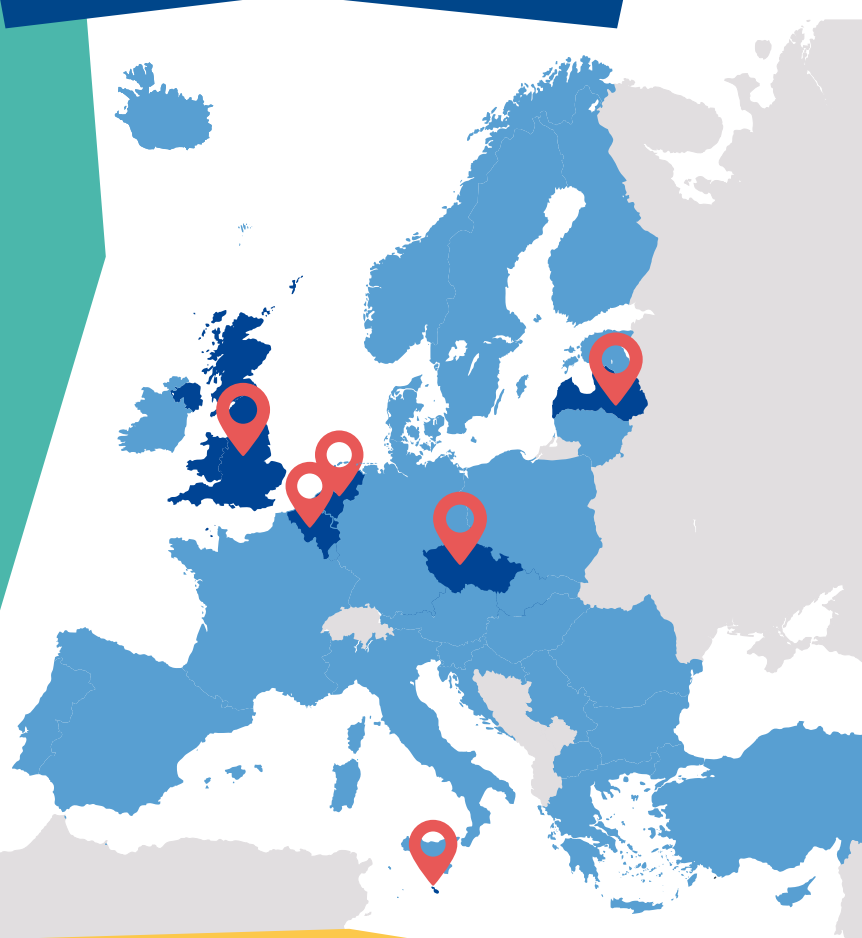
Malta college of arts science and technology;
Water services corporation – WSC;

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



For more information

ec.europa.eu/social/vocational-excellence

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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
Errenteria 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

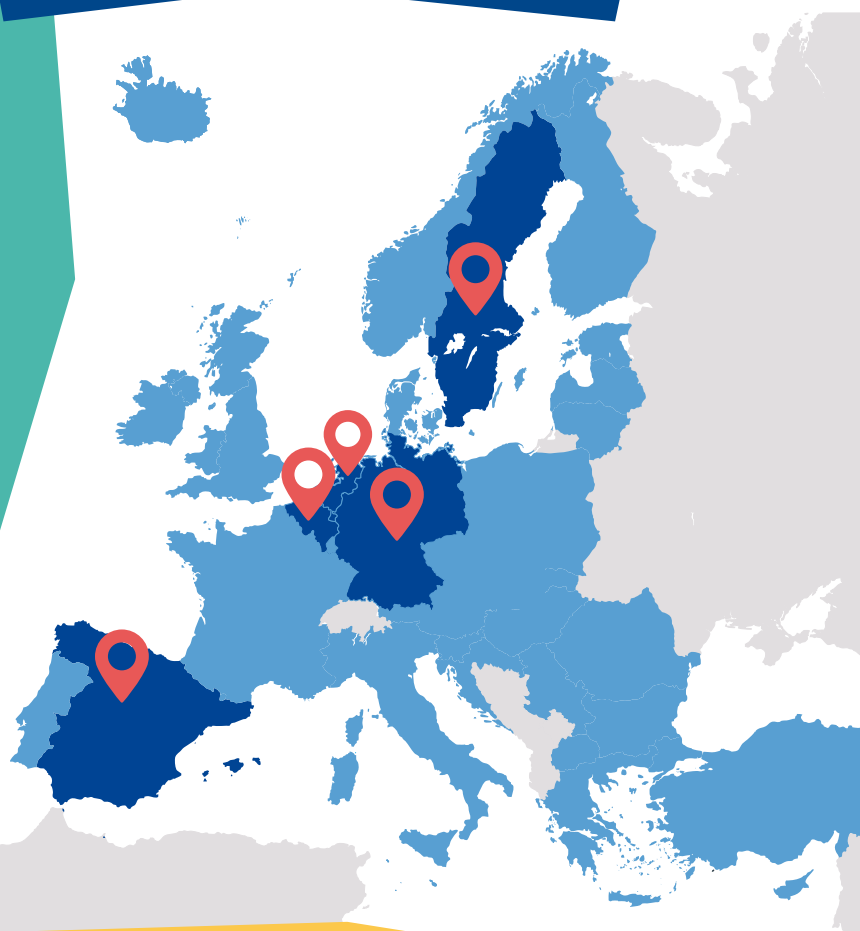
10xl B.V.;
ROC da Vinci college;

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 Nicolín 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
ec.europa.eu/social/vocational-excellence



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
Rautätielaisenkatu 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

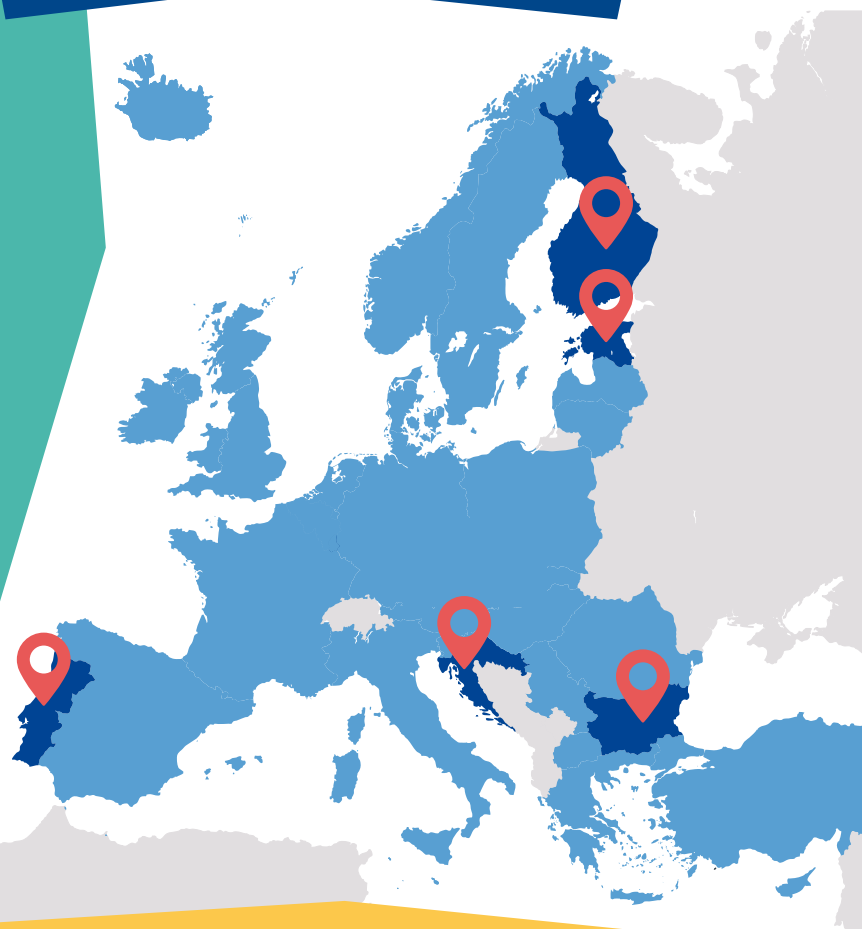
Haaga-helia ammattikorkeakoulu oy;
Helsingin seudun kauppakamari - Helsingforsregionens
handelskammare ry;

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

For more information

ec.europa.eu/social/vocational-excellence

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European
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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 Virtú 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

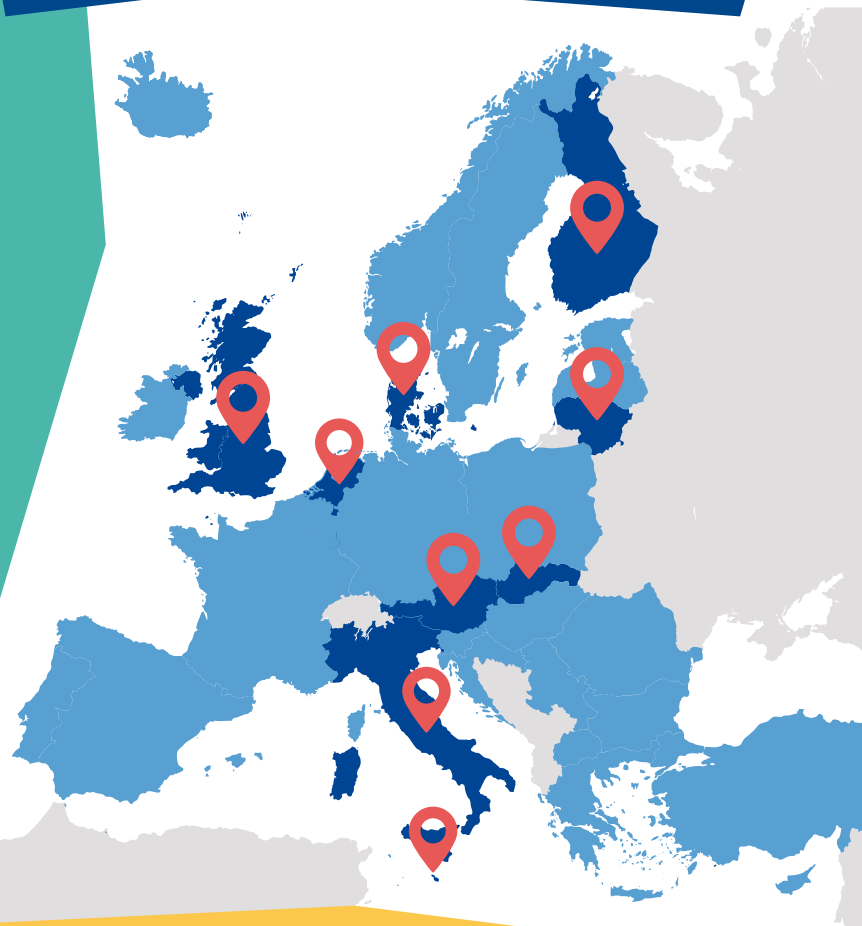
Stichting european creative business network;

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

For more information

ec.europa.eu/social/vocational-excellence

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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**

For more information
ec.europa.eu/social/vocational-excellence

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