



## Education for Digitalisation of Energy

Newsletter no.10 – April, May, June 2022

### Description and Benefits

EDDIE is a four-year (starting January 2020) Erasmus+ European Union funded collaborative project creating a Sector Skill Alliance (SSA) to develop a long-driven Blueprint for the digitalization of the European Energy sector. The Consortium is coordinated by COMILLAS and brings together 16 partners from 10 EU Countries.

**The challenge** of the project is to develop a long-driven Blueprint for the digitalization of the European Energy sector to enable the matching between the current and future demand of skills necessary for the digitalization of the Energy sector and the supply of improved Vocational Education and Training (VET) systems and beyond.

### Digital Energy Education

#### Briefly

**Title:** Education for Digitalisation of Energy

**Type of action:** Sector Skill Alliance

**Topic:** EPP-1-2019-ES-EPPKA2-SSA-B

**Grant Number:** 612398

**Total Cost:** € 3,995,690.00

**EC Contribution:** € 3,995,690.00

**Start Date:** 01/01/2020

**End date:** 31/12/2023

**Duration:** 48 months

**Project Web Site:** [www.eddie-erasmus.eu](http://www.eddie-erasmus.eu)

**Key Words:** Digitalization, Energy, Education, SSA, VET

**Project Coordinator:** COMILLAS

With the support of the  
Erasmus+ Programme  
of the European Union



### Project Objectives

1. **Develop** a European Sectoral Skills Alliance
2. **Implement** improved/new qualifications in national VET and beyond systems.
3. **Fostering** the collaboration and mobility among European training centres, universities, and industries.
4. **Provide** a sustainable framework that allows education providers to define and update educational programs responding to industry changes.
5. **Improve** the attractiveness of the Energy sector as a career choice

### Concept and approach

The objective of the project to develop a Blueprint Strategy for the Digitalisation of the Energy value chain (BSDE), will be based on the sustainable cooperation between key industry stakeholders, education and training providers, social partners and public authorities. The BSDE is an industry-driven strategy that will meet and anticipate the skills' demands for the sustainable growth and digitalisation for the European Energy sector. This new strategic approach will reinforce the competitiveness of the European Energy Sector in an efficient and innovative way by creating a highly skilled workforce.

*The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.*

## Invitation for Registration to EDDIE database.

The consortium team has been working hard to develop a dynamized and elegant Stakeholder Database which will include all the relevant stakeholders for the EDDIE project.

The database aims to create synergies and provide relevant information for people interested in the energy sector, both for professional and educational matters.

Through the analysis of data previously gathered in the initial stakeholder database, the new and improved version of the EDDIE DATABASE has been developed in order to store information in a more organic way, best suited to be used everywhere when needed and easier to be managed.

Potential EDDIE members will be able to apply by filling in an application with the relevant information needed from them. Once the application is filled in, it will then have to be approved by the consortium members. This approval of the applications will ensure the quality and relevance of the members of the platform.

## Welcome to EDDIE!

We are happy to have you with us! Please fill-in the form below and create your **EDDIE MEMBER** account on our website and become part of our Stakeholders list.

[EDDIE Home Page](#)

### Create Account

Information about you

*This section refers to your own profile. Unless explicitly specified, all data remain private*

The platform is ready for the stakeholders to begin the applications, register their companies, research institutes, universities, VET providers, industry representatives etc.

The database has been launched through the EDDIE website and the registration process can begin by clicking on the button below.

[Registration](#)

## EDDIE Project continues the “Policy Briefs” topic.

EDDIE Project continues the action of publishing on its website summaries on the topic “Policy Briefs” by addressing relevant strategies, regulations and initiatives at EU level.

Some examples include “European Energy Research Alliance”, “Near Zero-Energy Buildings (NZEB) Training in the Southern EU Countries (EL)”, “The European Union’s Digital Single Market Strategy” and “Council Recommendation on Vocational Education and Training”.

One of the policy briefs addresses the largest energy research community in Europe – EERA, which brings together 250 universities and public research centres in 30 countries. An important concept initiated by EERA consists in a transversal Joint Programme (tJP) structure named tJP Digitalisation for Energy, which aims at defining key priorities for this field that will derive in research activities, as well as act as a contact point with major European initiatives on supercomputing, big data, artificial intelligence, open science, etc. It will also tackle the European Digital Strategy, which is strongly pushing these IT services.

Another policy brief presents the situation of the Southern European countries concerning the retrofitting and the construction of NZEB. To increase the energy efficiency standards, “Train-to-NZEB” project has allowed improved capacities and skills of construction workers, highly qualified building professionals and non-specialists with decision-making capacities, together with a significant number of trained trainers through the creation of several training centers in the target countries (Bulgaria, Romania, the Czech Republic, Turkey and Ukraine), thus creating a collaborative international network.



[More details](#)

The European Union’s Digital Single Market Strategy - adopted on 6 May 2015 – seeks to unify the digital markets of EU countries by focusing on three key areas, considered as pillars. These pillars are Access, Environment, and Economy and Society.

The last policy brief talks about the Council recommendation on how vocational education and training (VET) can ensure sustainable competitiveness, social equity and resilience. The proposal is based on twenty-four different aspects and the Member states' implementation of this recommendation will be supported by strengthening the capacity of VET institutions and by supporting VET research at the national and EU level through funding from relevant Union funds and programs.

## EDDIE Project participated at Pact for Skills Networking Event.

EDDIE representatives participated at the "Networking Event for Pact for Skills Members", organized online by the European Commission, on Tuesday, 31th of May.

The Pact for Skills is the first of the flagship actions under the European Skills Agenda and is firmly anchored in the European Pillar of Social Rights.



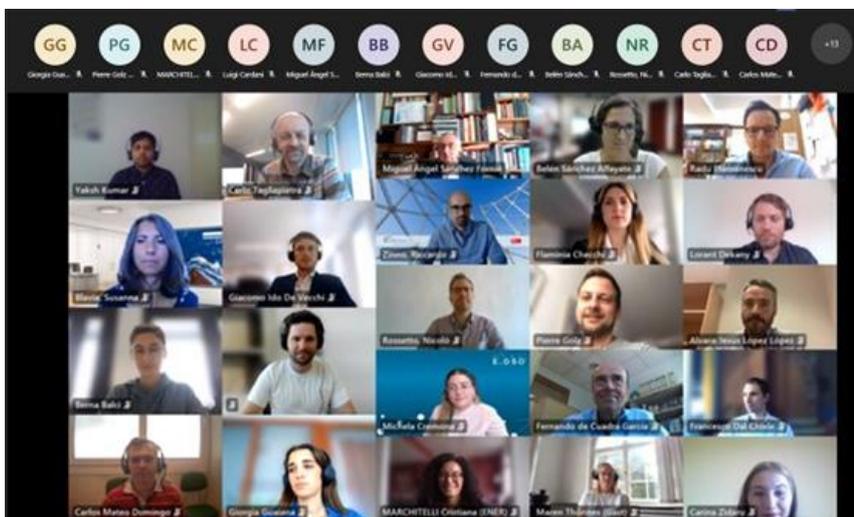
[More details](#)

The event agenda included updates on the latest policy developments, overview of the tools and resources offered by the recently launched Pact for Skills Support Services. Moreover, the participants had the opportunity to interact and to identify key potential peers for networking, besides meeting the coordinators of the Large-scale Skills Partnerships developed under the Pact.

## EDDIE Project Organized the 4<sup>th</sup> International Advisory Board Meeting.

The 4th International Advisory Board Meeting highlighted important and significant subjects for the development of the project such as the project status, the Action Plan, ongoing activities, Mid-Term Report and the Positive assessment by the European Education and Culture Executive Agency (EACEA). Dissemination activities within EDDIE Project which includes social media interactions, exploitation of the results, future events and several actions on EDDIE's website were addressed in the 4th IAB meeting as well. In this context, during the meeting was presented the database of stakeholders, together with the overall architecture and design and the registration procedure.

Additionally, the 4th IAB Meeting underlined the Pilot Activities and the future EDDIE-ENTITY. With regards to the EDDIE-ENTITY, the main functions and responsibilities, organisation and models, brief survey about services and portals such as: training programmes, dissemination, jobs, tools and systems were addressed. The framework of this Entity is related to the energy transition to be accelerated in the EU through the Fit for 55, REPowerEU and the associated necessary skills to support EC'S Digitalization of Energy Action Plan, and education through Pact for Skills.



[More details](#)

## EDDIE at “2022 World Sustainable Energy Days (WSED)”.

On the 25<sup>th</sup> of February 2022, representatives of EDDIE project participated and contributed at the online workshop organized by European Commission, namely the DG ENERGY and DG CONNECT.

# World Sustainable Energy Days 2022



The WSED are one of Europe’s largest conferences on climate neutrality with over 100 speakers from all over the world. In addition to 6 dedicated conferences covering key aspects of the energy transition, technical site visits and a major tradeshow will present the latest technology innovations and solutions. The 2022 motto is “Energy transition – full speed ahead!”

The event included discussions on the far-reaching transformation of policies, technologies and markets for achieving climate neutrality, and how to raise the pace of change, being an international conference on the energy transition and global climate neutrality. In 2022, the WSED offered the following complementary events:

- European Pellet Conference;
- Young Energy Researchers Conference;
- European Energy Efficiency Conference;
- Energy Efficiency Policy Conference;
- Industrial Energy Efficiency Conference;
- Smart E-Mobility Conference;
- Innovation Workshops.

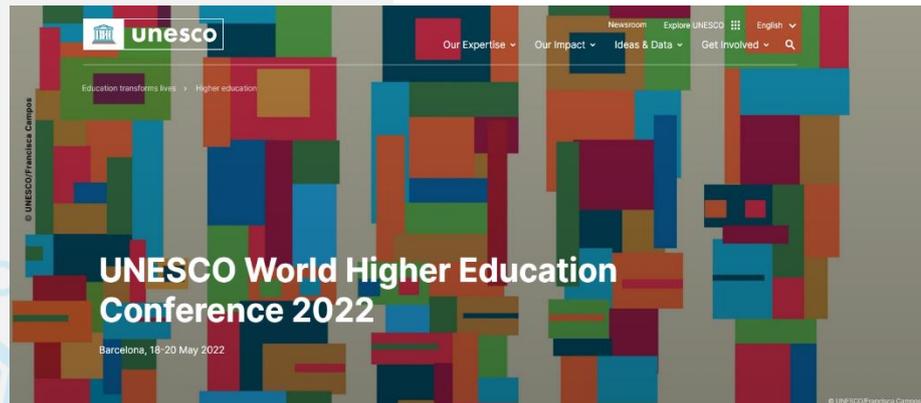


[More details](#)

## EDDIE Project at UNESCO World Higher Education Conference 2022

In May representatives of EDDIE project participated at the "WHEC 2022". The event aimed at reshaping ideas and practices in higher education to ensure sustainable development for the planet and humanity. UNESCO considers the process of collective construction as the greatest richness of this conference, which aims to become a global conversation nurtured by diverse narratives on higher education. The digital revolution – including the emergence of artificial intelligence, the rise of web-based education and training and big data developments – is disrupting all aspects of life and work. Higher education both has impact on and is impacted by this revolution.

[More details](#)



## EDDIE Project at Energy Tech Summit 2022.



The annual Energy Tech Summit hosted top global energy and mobility investors, entrepreneurs, and government leaders at an exclusive two-days hybrid event, broadcasted globally on April 26-27, 2023. This exclusive event, brought the latest developments in energy and mobility convergence theme, debated by global industry leaders across 9 conference tracks.

Two new additions to the ETS program – Policy and Carbon Removal & Management Summits has been added to this year sessions. Energy Tech Summit 2022 brought together professionals from all over the globe for exclusive talks, hands-on learning experiences and industry insights on the worlds of Energy and Mobility. Immersing in over 100 Speakers Talks, getting-togethers with both the pioneers of today and the disruptors of tomorrow by diving deep into the industry, learn from the best, and connect with people who build things, has been the benefits of each participant.

[More details](#)

## EDDIE Project participated at the “Shaping the EO\*GI skills of the future” conference.

EDDIE Project participated at the conference “Shaping the EO\*GI skills of the future” that took place on the 17th and 18th of May as a hybrid event online and in Brussels.

The event brought together a broad and diverse range of stakeholders in the field of EO\*GI including European institutions (the European Commission, EUSPA, ESA, as well as local and regional ones), with representatives of the private sector and academia and training providers, who discussed together the current needs and education gaps in the EO\*GI sector, what means are put in place to tackle it, and what additional steps and initiatives shall be further undertaken.

The conference also showcased the work done under EO4GEO and defined how the Blueprint project will transition into post-project legacy led by the EO4GEO skills Alliance aimed at supporting skills building in the sector.

**SHAPING THE EO\*GI SKILLS OF THE FUTURE**  
**EO4GEO final conference**  
 Join key stakeholder from institutions, academia and private companies on a discussion on the EO\*GI skills gap and how to bridge it.  
 17 & 18th of May 2022  
 EIT House, Brussels & online

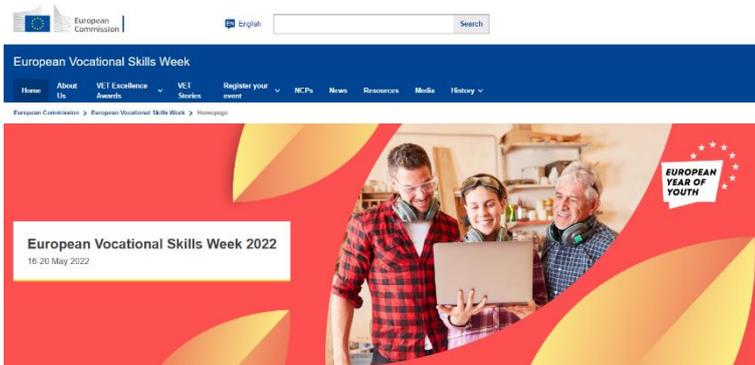
Co-funded by the Erasmus+ Programme of the European Union  
 OFFICIAL PARTNER  
 eo4geo

[More details](#)

## EDDIE Project participated at “European Vocational Skills Week 2022”.

EDDIE project representatives hosted the international advisory board as part of the 6th edition of the European Vocational Skills Week, celebrating all the very best practices in Vocational Education and Training (VET), with events by local, regional, national organisations, and other VET partners.

The EVSW 2022 event focused on the theme of VET and the Green Transition in line with the EC’s commitment to taking all the necessary steps to become carbon neutral by 2050, known as



[More details](#)

Events organised by the European Commission were held 18-19 May 2022 – including the flagship VET Excellence Awards.

Launched in 2016, the EC initiative brings all stakeholders – teachers, organisations, students, and trainers - together under one umbrella to showcase the many benefits VET offers young people and adults alike. With an eye to the future skillsets that will be required and the other on the realities of the current labour market.

## EDDIE Project at EU Green Week 2022

In May representatives of EDDIE project participated at the "EU Green Week 2022". EU Green Week is an annual opportunity to debate European environmental policy with policymakers, leading environmentalists, and stakeholders from Europe and beyond. This year's edition focused on the European Green Deal - the EU's sustainable and transformative growth strategy for a resource-efficient and climate-neutral Europe by 2050.

The Green Week hybrid conference opens on 30 May with a high-level debate on what happens to the EU environmental policy in times of crisis. The following day, three important aspects of the transformation – circular economy, zero pollution, and biodiversity, will be in the spotlight. Throughout the week, partner events will be taking place across Europe and beyond.



[More details](#)

## EDDIE Project at InnoGrid 2022.

### 11<sup>th</sup> InnoGrid Edition 'Mission Acceleration'

Policy Conference, Hybrid/Brussels, 29 June 2022



On 29 June, EDDIE Project participated at InnoGrid 2022, 11th Edition, in which E.DSO and ENTSO-E has been co-organisers. It gathered policy-makers, grid operators, grid users, market participants, innovators, academics, and civil society representatives to discuss how to accelerate innovation in three key areas: electricity grids, active customers, and flexibility.

Around 200 participants met and enjoyed networking, also together with projects representatives in the exhibition area, and more than 300 people were connected online.

Since the REPowerEU plan calls on Europe to fast forward its energy transition, building on the more ambitious climate targets set by the 'Fit for 55' package. With electricity as the key energy carrier for a carbon-neutral future, innovation in power networks needs to be sped up.

[More details](#)

## EDDIE Project at Power Summit 2022.



[More details](#)

On 15-16 June, EDDIE Project participated at Power Summit 2022, the event where leaders of the European power sector and senior decision makers meet, exchange and plan for the future.

To accelerate the energy transition, speeding up permitting for renewable projects, having skilled workers in place for an accelerated energy transition, and harnessing the power of technology for security and resiliency are mandatory.

## EDDIE Project published on website the summaries of the deliverables completed.

EDDIE Consortium published on the project website summaries for the deliverables completed so far with the intention to ease the user access to the main results of the work done. The deliverables presented below have now available short summaries on the EDDIE website.

- D2.1 - Current challenges in the energy sector and state of the art in education/training.
- D2.2 - Current and future skill needs in the Energy Sector.
- D4.1 - Identification and assessment of skill delivery and professional knowledge to address digitalization.
- D4.2 - Report on Best Practice for VET education.
- D4.3 Report on Best Practice for University education.
- D5.1 - Specification, conceptual design and application to the partial results compiled from other work packages.
- D7.4 - Report on events (v1).

[More details](#)

## EDDIE project consortium

