



Education for Digitalisation of Energy



Newsletter no.3 – July, August, September 2020

## 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.*

**EDDIE Consortium will write every month blogs addressing emerging technologies, new developments, and advancements regarding the digitalization of the energy sector.**

Every month of the project, 4 blogs will be posted on the website showing and describing the latest technologies in energy sector also related to digitalization of the energy sector. Those blogs submitted by the consortium partners monthly, will address general public topics related and relevant to the project and based on the expertise of each partner. For a successful yet practical way of interacting with the stakeholders and public, all blogs will be posted on EDDIE website under a dedicated page with references to LinkedIn and Twitter.

**More details**

**EDDIE will organize interviews with the partners to increase the visibility of the project and its members.**

Every month, CRE will organize an 8 minutes online video conversation with a representative of each partner and a nominated (by the same partner) person outside the company relevant for energy sector, education activities or other professional topics that are close to the project interests and objectives. For the objectives it can be mentioned, promotion of the people inside the project, the work done within the projects by bringing arguments with examples and insights for EDDIE work, building a stronger network by inviting experts to dialog and to collect a series of ideas, perspectives, and suggestions from people with experience for the research and innovation part of EDDIE.

**More details**



## EDDIE at the e-webinar “Cybersecurity: Data Sharing”

On **7 & 21 October 2020**, the fully remote E.DSO – ENCS – ENTSO-E Webinars “Cybersecurity: Data Sharing” will take place. The webinar will bring together experts in the field of cybersecurity to exchange on the latest industry knowledge and to present learnings from past threats with a solutions-based approach to state rules for system operators on methods to give more resilience to the grid.

The webinar will bring the system operators one step closer on their work on the new Network Codes on Cybersecurity to protect the energy system, support the functioning of Economy and Society and minimize the threats with a harmonised approach.



EDDIE project will be part of the solution of the main challenges that the industry faces in the scope of the digitalization of the energy system by defining the needed skills and providing the much needed training in Cybersecurity.

Cybersecurity plays a vital role in the energy transition and reaching the goals set for the new Green recovery plan of the European Union. These new emerging technologies bring new opportunities and innovative solution on providing a green but resilient grid. This also creates a huge demand on highly trained and capable professionals to make the set goals reality.

[More details](#)



## EDDIE at the #ErasmusDays – October 2020!

A new opportunity for EDDIE to increase its visibility among external stakeholders is the event ErasmusDays. It is a great moment to spread the word about our project, share our experience and showcase the impact of EDDIE work. For this year, all the activities will be hosted online, and EDDIE will participate and will take advantage of this opportunity to share all its dissemination activities under the hashtag #ErasmusDays



**More details**

#ErasmusDays is an initiative of the Erasmus+ French National Agency on the 30th anniversary of Erasmus+ and consists of a series of bottom-up events organized by various Erasmus+ programme players.

## EDDIE at the European Vocational Skills Week – November 2020!

EDDIE will be involved in the European Vocational Skills Week this year between 09 – 13 November as an associated event for dissemination project's results, lesson learned and conclusions from the needs identified in the professional environment regarding the knowledge and skills on digitalization, VET providers, and the education system, with the involvement of policy makers.



**More details**

The European Vocational Skills Week is an annual event during which local, regional or national organizations showcase the very best of Vocational Education and Training (VET) - a sector capable of empowering all people with the skills they need for a fulfilling personal and professional life.



## EDDIE interacting with TRINITY project

Because **Women in Electricity Sector** is still a topic that supports debates, our women colleagues of CRE accepted the TRINITY project invitation to share their perspectives. During an online Coffee Break 5 women discussed about their experiences and lessons learned, about barriers and potential solutions, as well as government actions for making the presence of women in electricity area more common and noticeable. Encouraging younger women to go after their dream professional path regardless of its technical or scientific level and to support the women already involved in such a career, are some key conclusions of the meeting.



[More details](#)

Coffee Break is an initiative of the TRINITY project funded by the Horizon 2020 Programme and represents a series of teleconferences targeting different topics, from COVID-19 crisis effects in Energy System to Women in Electricity

## EDDIE in Enlit Europe interview through EDSO partner

On 30 September, the Secretary-General of EDSO, Roberto Zangrandi, discussed with Enlit Europe's Content Director Nigel Blackaby about the most critical needs faced by the evolution of the energy sector. The conversation goes for **Re-Skilling the power sector workforce for tomorrow's challenges** and EDDIE is presented as a reference project in finding answers due to its research in digitalization through education.



[More details](#)

Enlit Europe is a series of energy events where the community can meet and inspire each other from discussions, but it is also a starting point for drafting actions. It's the new unifying brand for European Utility Week & POWERGEN Europe and it showcases expert knowledge, innovative solutions and foresight from industry leaders, to help shape Europe's energy transition.





Education for Digitalisation of Energy



## EDDIE's skill analysis in progress to find skill gaps to improve education and training in the EU.

Building on the work done for D2.1 "Current challenges in the energy sector and state of the art in education and training" addressing challenges the Energy industry faces towards digitalization, a skill intelligence is being conducted by the EDDIE partners. CEDEFOP defines Skills intelligence as "the outcome of an expert-driven process of identifying, analysing, synthesising, and presenting quantitative and/or qualitative skills and labour market information".

To this end, skills analysis is in progress to identify skill needs in the industry and skill offer by education and training providers, to find the skill gaps and future skill needs. Surveys and interviews are being conducted; curricula reviews are being performed to address the skill offer and the job market is being analysed to identify trends in occupations.



More details

Stay tuned for Deliverable D2.2 "Current and future skill needs in the Energy Sector" in December to learn more about our findings!

## EDDIE project consortium

Led by **Universidad Pontificia COMILLAS Spain**, EDDIE consortium brings together **16 partners from 10 EU** member states and associated countries. Representatives of nine European energy utilities, end-user organisations, industry, SMEs, research and academia from Spain, Greece, Cyprus, Germany, Italy, Sweden, Romania, France, Belgium, Luxemburg, comprise the project consortium.

