



Education for Digitalisation of Energy

Newsletter no.12 – October, November, December 2022

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.

REGISTRATION

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.

EDDIE at the “ENLIT EUROPE 2022”

EDDIE Project participated in the last part of the year 2022 at ENLIT Europe event held between 29th of November and 1st of December in Frankfurt, Germany. Enlit is a constantly growing, inclusive and end-to-end forum that addresses every aspect of the energy agenda. Throughout the year, Enlit Europe tries to ensure collaborations and innovative discussions to solve the most pressing issues in energy. Enlit Europe brings one face-to-face with the best thought-leaders, innovators and disruptors in the energy sector and beyond.

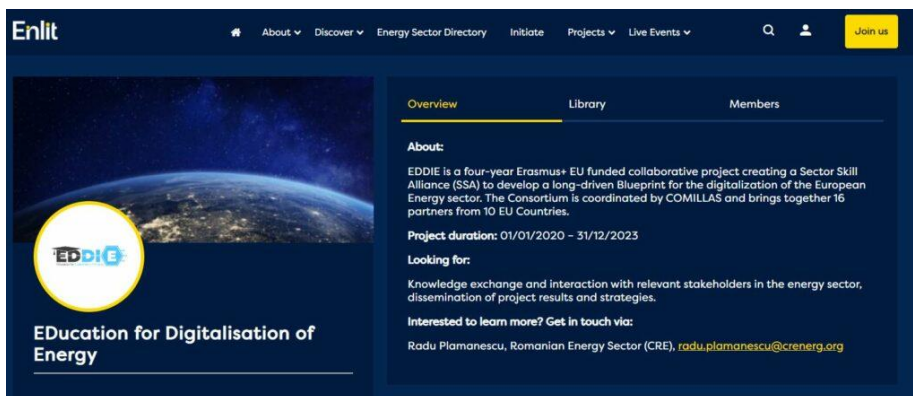
The various exhibitors present, represent power generators, IPPs, utilities, grid operators, energy companies, retailers, energy markets, energy traders and exchanges, plus commercial and industrial energy users. Apart from the latter, the Exhibition Floor doesn't only offer leading organisations showcasing their latest tech, solutions and strategic insights, but different Zones, Country Pavilions and Hub Sessions. EDDIE was present in two locations which were the “EU Project Zone” and the “Global Smart Grids Innovation Hub” powered by Iberdrola, partner of EDDIE.

In addition, the EDDIE was part of the online platform, included in the EU project zone marketplace where the stakeholders and general public could interact with the project representatives. via chat or via email.



CRE being part of the EDDIE consortium and leading the dissemination activities for the project, prepared EDDIE roll-ups and EDDIE brochures which were sent to Frankfurt prior to the event. These were then on full display for all 3 days, both in the “EU Project Zone” and also in the “Global Grids Innovation Hub”. The roll-up and the brochures appeared the EDDIE project in a simplified manner whilst also attracting interested parties.

Enlit Europe, in collaboration with the European Commission (EC) for the 5th consecutive year, offered a live platform where projects could introduce themselves to the public. The EU Projects Zone in Frankfurt was where the projects and their representatives came together for the 3 days and presented their projects, either through the project stands, participation in the different sessions or both. This year, the programme of the EU Projects Zone focused on key topics and themes guiding the energy transition.



[More details](#)

EDDIE Project is developing the main demonstration trials

WP6: Pilot Activities



- **Aachen:**
 - Lecture at RWTH in Dec.
 - In contact with city of Herne
 - Next Year: High School workshop, RWTH summer school course, Girl's Day, ...
- **Athens:**
 - Design phase for activities
 - Two courses starting in May 2023
 - Summer school and MOOC Course in cooperation with ERIGrid in summer 2023
- **Milan:**
 - MOOC course on energy digitization for real estate in production
 - Course will be available in March/April 23
- **Cologne:**
 - Design phase for activities
 - Start of „Future Energy Certificate“ Course in Jan/Feb 23
 - Start of workshop course „Power economics“ at EWI academy in Q1 2023



Stemming from the development of the Sector Skill Strategy of the EDDIE project and its different elements, the trial site demonstrations are being designed to test the applicability and relevance of the results. As part of the WP6 work, five different pilot sites in Aachen, Athens, Milan, Cologne, and Madrid are set up with 17 different piloting activities. Overall, a broad target audience is addressed, and different program types are tested with the pilot sites to investigate a wide range of BSDE parts. For each of the trial sites, for the next year of implementation, videos will be produced, press releases, summary documents, and dedicated events to promote the trial sites.

The Greek pilot site focuses on lectures and courses to university students in the field of new tools and mechanisms that will play crucial role in the digitalization of the energy system. To raise synergies, NTUA also plans to participate in a summer school and a MOOC, organized by the H2020 project ERIGrid 2.0, aiming to stress the necessity of the update of education programs, in the context of the transformation of the energy sector.

[More details](#)

EDDIE Project at 2022 Edition of the European Week of Regions and Cities

In October 2022 representatives of EDDIE project participated at the European Week of Regions and Cities Event. The 20th edition of the European Week of Regions and Cities 2022 (EURegionsWeek) took place from 10 to 13 October 2022. The European Week of Regions and Cities 2022 is the biggest annual Brussels-based event dedicated to cohesion policy bringing together regions and cities from all over Europe, including politicians, administrators, experts and academics. This 2022 edition provided an opportunity to communicate on the EU response to the post pandemic health, social and economic challenges.

[More details](#)



EDDIE referenced in Digitalising the Energy System – EU Action Plan

EDDIE Project was referenced in the framework of the “Digitalising the Energy System - EU Action Plan” which was released on 18th of October 2022 by the European Commission (EC). The Action Plan is very important and relevant for the EDDIE project for the development of the long-driven sector skills strategy and the creation of a large-scale partnership on digitalization of the energy value chain strongly linked with the future entity, proposed by the Blueprint Erasmus+ project.

The European Green Deal and the REPowerEU Plan require a deep transformation of our energy system, which needs to become more interactive and smarter to help consumers embrace the benefits of the green transition.



EDDIE PROJECT WAS REFERENCED IN THE DIGITALISING THE ENERGY SYSTEM - EU ACTION PLAN

2nd of November 2022, EDDIE Consortium

EDDIE Project – “Education for Digitalization of Energy” was referenced in the framework of the “Digitalising the Energy System - EU Action Plan” which was released on 18th of October 2022 by European Commission (EC). The Action Plan is very important and relevant for EDDIE project as for the development of the long-driven sector skills strategy and creation of a large-scale partnership on digitalization of the energy value chain around the future entity proposed by the Blueprint Erasmus+ project.

The [European Green Deal](#) and the [REPowerEU](#) Plan require a deep transformation of our energy system, which needs to become more interactive and smarter to help consumers embrace the benefits of the green transition. The European Commission is presenting an Action Plan highlighting how new technologies can help improve the efficient use of energy resources, facilitate the integration of renewables into the grid, and save costs for EU consumers and energy companies. The Commission is setting out actions to boost data sharing, promote investments in digital electricity infrastructure, ensure benefits for consumers and strengthen cybersecurity.

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[More details](#)

EDDIE Project at the Regions tackling Skills Challenges for the Green and Digital Transitions under the Pact for Skills

Eddie representatives participated on the 11th of October at the Participatory Lab: Regions tackling Skills Challenges for the Green and Digital Transitions under the Pact for Skills.

The Pact for Skills organised a participatory lab session titled “Regions tackling skill challenges for the green and digital transitions under the Pact for Skills”. This session is organised as part of the European Week of Regions and Cities. The online event will allow regional and local stakeholders to share their experiences in implementing skilling actions to tackle the challenges posed by the green and digital transitions at the regional level.

The European Week of Regions and Cities is the biggest annual Brussels-based event dedicated to cohesion policy. The event aims to facilitate cooperation, learning, and networking between Europe’s regions and cities, and to identify solutions to common challenges. The topics of this year’s edition will be the green and digital transitions, youth empowerment and territorial cohesion.

The European Commission has launched the Pact for Skills, a shared engagement model for skills development in Europe.

[More details](#)



EDDIE Project at Repowering Europe for a Sustainable EU Strategic Autonomy

On the 19th of October 2022, representatives of EDDIE project participated at Repowering Europe for a Sustainable EU Strategic Autonomy Event, organised by EERA. In this context, the REPowerEU Plan was designed to support the difficult task of combining the short-term objectives of European strategic autonomy with the efforts to achieve the long-term goals of climate neutrality. Research must play a prominent role in this endeavour, but Europe needs to create the space and the adequate conditions for it to fulfil such a role in the current context.



The EERA conference aimed at addressing some of the following urging questions: How can research contribute even more to short-term implementation challenges? How to increase the impact of research knowledge on the policymaking process? How can researchers, policymakers and industry empower each other to accelerate finding those lasting solutions that will make the EU more sustainable, energy secure and autonomous?

[More details](#)

EDDIE Project at the role of National Authorities in the Enforcement of the Rules

Eddie representatives participated on the 26th of October at the Posting of Workers: the role of National Authorities in the Enforcement of the Rules Event, organized by the EC-funded MoveS network (Free Movement and Social Security Coordination).

The EC-funded MoveS network organised a binational seminar (Romania/Italy) in Bucharest on 26 October 2022. The seminar is organised by MoveS in collaboration with its Romanian national expert Magda Șotropa and its Italian national expert Francesco Costamagna. MoveS is an EC-funded network of independent experts from 32 European countries coordinated by Eftheia and Deloitte.



[More details](#)

EDDIE Project participated at the 16th SET Plan Conference - Towards a new Strategic Energy Technology Plan

EDDIE Project participated at the “16th SET Plan Conference - Towards a new Strategic Energy Technology Plan” on the 9th of November 2022. This Event is co-organised by the Ministry of Industry and Trade of the Czech Republic and the European Commission.

The 2022 edition of the SET Plan conference aimed at exploring the transformational pathways to sustainable, secure, resilient and competitive energy systems and value chains, as well as to raise awareness among all stakeholders on the latest research and innovations in the field of carbon-neutral energy technologies.

The event focused on research and innovation in the field of energy in the context of the current climate and geopolitical challenges. Among others, attendees were able to discuss how to step up the SET Plan to the increased energy and climate policy ambitions. The conference gathered clean energy actors from the European and national public and academic spheres, private sector and non-governmental and international



[More details](#)

EDDIE at 2022 Forum on Vocational Excellence

On 15 November 2022, EDDIE project representatives participated at the Forum entitled “2022 Forum on Vocational Excellence”, jointly organised by the European Commission and the Basque government, with the support of the European Training Foundation (ETF), Cedefop and EACEA, as well as the Community of Practice on CoVEs, and Katapult. The Forum discussed the latest developments on the European initiative on Centres of Vocational Excellence (CoVE).



The Event included the participation of the partners of ongoing CoVE projects, as well as other Vocational Excellence initiatives currently being developed in Europe and beyond, that form part of wider partnerships and networks in Vocational Education and Training (VET).

The event will also benefit from high level political representatives, including national governments, social partners and their European level representatives, VET provider associations, as well as European institutions and Agencies.

[More details](#)

EDDIE Project at a Multi-Scale Calibration Approach for a Digitalised Energy System

EDDIE representatives participated on 22nd November 2022 at a Joint Seminar organised by E.DSO, DGENER, DG CNECT entitled “A multi-scale calibration approach for a digitalised energy system transformation”. The event brought together over 200 participants, both in Brussels and online, featured 17 speakers, 5 main sessions and 2 individual keynote remarks from the European Commission.

The aim of the seminar was to engage in a meaningful discussion about the future digitalised energy system and significantly brought forward the idea of the future Energy Data Space, while tackling digital twin, standards and interoperability, data spaces, grid edge and smart metering.



Joint Seminar hosted by E.DSO - DG CNECT - DG ENER

A multi-scale calibration approach for a digitalized energy system transformation

22 NOVEMBER 2022, 14:00-16:30 CET
HYBRID, HOSTED AT NH BRUSSELS EU BERLAYMONT

E.DSO @EDSO_eu @EU_Commission

[More details](#)

EDDIE Project at the 5th E.DSO-ENCS-ENTSO-E Event on Cybersecurity “European Energy Grids’ Security in a Radically Changed Landscape”

EDDIE representatives participated on 23rd of November 2022 at the Event organised by European Network for Cyber Security (ENCS), the Association of European Distribution System Operators (E.DSO), and the European Network of Transmission System Operators for Electricity (ENTSO-E). Together hosted a hybrid event discussing the latest industry knowledge in a radically changed landscape resulting from the war in Ukraine with experts in the field of cybersecurity.

The main topics debated were how the conflict is creating new conditions for the cybersecurity of the energy grids, how cyber-attacks and malware can compromise the security of energy grids, and how the new Network Code on Cybersecurity will further protect the energy sector from cyberattacks.



[More details](#)

EDDIE participated at E.DSO TF1 Go4Flex Workshop

EDDIE representatives participated on 24th of November 2022 at TF1 GO4FLEX Workshop. With more than 100 participants, Task Force 1 (TF1) “Active System Management” of the European Distribution System Operators Association for Smart Grids (E.DSO) Technology Committee successfully held a webinar to present their Grid Observability for Flexibility Report published on 20 October 2022.



TF1 co-chair Ewa Mataczyńska, PGE Dystrybucja provided an overview of the Go4Flex Report by identifying different levels of flexibility in relation to DSO’s needs for maintaining stability and reliability of distribution grids. The improvement of observability at the low and medium voltage and better knowledge of the network are fundamental for the early identification of emerging stability issues, she stated.

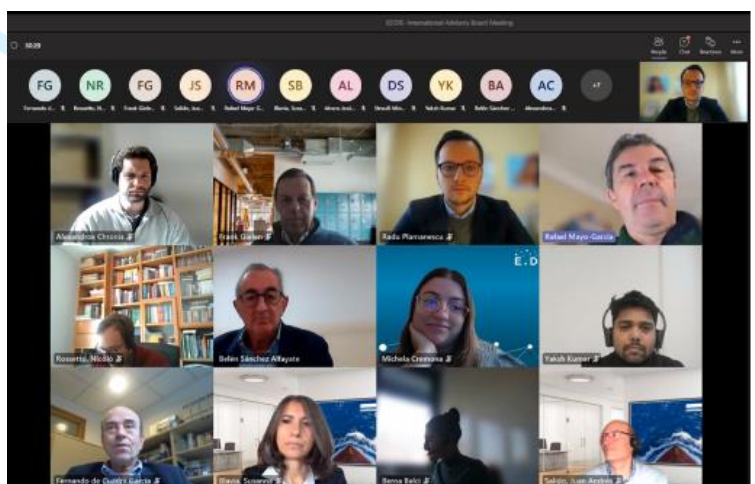
EDDIE Project Organized the 5th International Advisory Board Meeting

The 5th International Advisory Board Meeting highlighted important and significant subjects for the development of the project such as the project status, the ongoing activities, and deliverables. 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 5th IAB meeting. During the meeting was presented the database of stakeholders, pilot activities, the blueprint strategy, the future EDDIE-Entity in the European Framework and 3rd Quality Assessment report.

During the meeting, some recent actions were presented, including some policy briefs, concrete interactions in terms of contributions and prospect cooperations with other European initiatives and frameworks, such as CEDEFOP, ESCO and the Pact for Skills. In addition, for the trial site demonstrations, five entities have designed some pilot activities, to be developed in Germany (Aachen, Herne, and Cologne), Greece, Italy and Spain, to test diverse aspects of the design of the Strategy. The activities detailed in the presentation cover a range of activities (MOOCs, Summer schools, Vet training, etc.) and EQF levels (1 – 8).

The 5th IAB Meeting underlined a new European framework within the Digital Action Plan for Energy, which offers a great opportunity in the field of Education and training of skills in the Energy Sector. In this context, EDDIE Project was referenced in the framework of the “Digitalising the Energy System - EU Action Plan” which was released on 18th of October 2022 by the European Commission (EC).

[More details](#)



EDDIE Project has been presented in the Factory 4.0 Expo Conference – 3rd Edition

EDDIE Project has been presented in the “Factory 4.0 Expo Conference – 3rd Edition”, on 9th of November 2022, at Palace of Parliament, Bucharest, Romania. Large event dedicated to digital transformation with a special focus on digital skills and Industry 4.0. CRE intervention referred to the energy sector from this perspective of digitalization and the implicit need for digital skills. The EDDIE project as well as another project in the field of energy - Digital4Energy, a training project, were brought to the fore, as two initiatives that can act synergistically to adapt the workforce to the use of new technologies.



[More details](#)

EDDIE Project has been presented at RWTH Science Night

EDDIE Project has been presented at RWTH Science Night, on 11th of December 2022, by RWTH Aachen University. Prof. Antonello MONTI from ACS gave a talk on active prosumers in a flexible energy grid. The presentation aimed to show the changes in the distribution grid due to the increasing number of decentralised generation plants. Another focus was on grid stability and the associated role of customers.

The audience learned about the increasingly active role of customers in the electricity market through decentralised small power plants and solutions such as smart meters. The digitalisation of the energy system serves as a key function for active customers. Moreover, throughout the science night, was a stand with an energy grid model to show the effects of small changes in the grid.

[More details](#)



EDDIE Project completed by the end of 2022 year the latest deliverables

EDDIE Consortium completed successfully by the end of 2022 year a set of important deliverables.

The deliverables presented below are the following:

D5.3 – Final education programmes and training activities (M36) – This deliverable contains the main results of the works in education programmes, initial and continuous training activities, together with their expected relative impact in the correction of skill gaps.

D6.2 – Intermediate report on the field test Aachen (M36) – This document catches the main result of the first phase of deployment of the field test: Main strength and weaknesses of the implemented actions are identified and used as guidelines for the second phase of the test.

D6.4 – E-Learning Platforms V1 (M36) – An e-learning platform is developed, which act as an online resource centre, to support the pilots. It includes all the developed tools, material, webinars and courses in a user-friendly environment. Access to the material is free of charge, during the project implementation.

D7.3 – Report on fostering support for the project results (M36) – This deliverable includes an assessment of interactions between stakeholders and the synergies that is created within the project, going to a conceptualization of how each category of stakeholders will be able to support the transition to digitization within the energy sector. It provides also an assessment of the measures taken as a preparation for the exploitation activities of the project results.

D8.4 – Blueprint yearly progress monitoring 3 (M36) – Periodical progress of the project was needed and is reflected on annual reports (deadlines, targets, indicators, status (achievement/ progress made). Suitable KPIs are defined to monitor the project evolution and objectives' achievement during the project and after its completion. Each KPI includes its measurement procedure, expected levels and timing.

EDDIE project consortium

