

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 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. 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.

In the coming months and years, the European Commission intends to take **key actions** to boost digital energy services while ensuring an energy-efficient ICT sector. Firstly, will help consumers increase control over their energy use and bills through new digital tools and services, with a strong governance framework for a common European energy data space. Moreover, for controlling the energy consumption of the ICT sector including through an environmental labelling scheme for data centers, an energy label for computers, measures to increase transparency on the energy consumption of telecommunication services and an energy efficiency label for blockchains, and strengthening the cybersecurity of energy networks through new legislation.

Furthermore, a key enabler for a digitalised energy system is the availability and accessibility, of energy-related data based on seamless and secure data transfers among trusted parties. Better coordinating these exchanges and building an EU coordination framework to strengthen interoperability among different systems and technical solutions will make it possible for more innovative services to enter the market.

Integrating energy transition-related topics into mainstream education and training is a challenge across the EU. This could hamper the deployment of clean energy technologies and hinder the growth and competitiveness of the sector. Building on the 2020 Skills Agenda, the Council Recommendation on ensuring a fair transition towards climate neutrality, and the ongoing blueprint for sectoral cooperation on skills for the digitalisation of the energy value chain, the European Commission will support, by the end of 2023, the establishment of a large-scale partnership on the digitalisation of the energy value chain as part of the European Union Pact for Skills.

Moreover, the twin green and digital transitions require new and emerging green and digital skills to be integrated into existing jobs and professionals to be enabled to acquire new and specialised skills so that they can adapt to the fast-changing data-driven service market. Innovative technology solutions rely on there being enough skilled workers and trained professionals to apply them on a wide scale in our daily lives. The European Green Deal made this very clear, acknowledging the urgent need for proactive upskilling and reskilling schemes at all levels.

The Commission will keep providing financial support for R&I and boost the uptake of digital technologies in the energy sector through the Digital Europe Programme, LIFE, cohesion funds and a flagship programme for Digitalisation of Energy under Horizon Europe.

The role of Education in the Digital Era for Digitalization and the Development of synergies with other innovation projects funded by the European Commission through the ERASMUS+ program will create the framework for EDDIE Project to actively contribute to decisions in the process of Digitalization of the European Energy Sector (DEES).

EDDIE Project is funded by the EC under the ERASMUS+ Program and aims at creating a Sector Skills Alliance (SSA) by bringing together all the relevant stakeholders in the Energy value chain such as industry, education and training providers, European organizations, recruiters, social partners, and public authorities. The main objective of this SSA is to develop a long-driven strategy for the digitalization of the energy sector to enable the matching between the current and future demand of skills necessary and the supply of improved Vocational Education and Training systems and beyond.