IoE-EQ
Internet of Energy
Education and Qualification

IoE-EQ partnership

IoE-EQ partnership involves 9 partners coming from 6 different countries (Germany, Greece, Italy, Lithuania, Portugal and Spain). The project started on 1st of September 2017 and lasts 36 months

ISTITUTO MOTORI
National Research Council of Italy

UNED

FHM

Kaunas Science and Technology Park

evm
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institute of Entrepreneurship Development
iED

CEDEL ELIS
cooperativa sociale educativa

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parque de ciencia

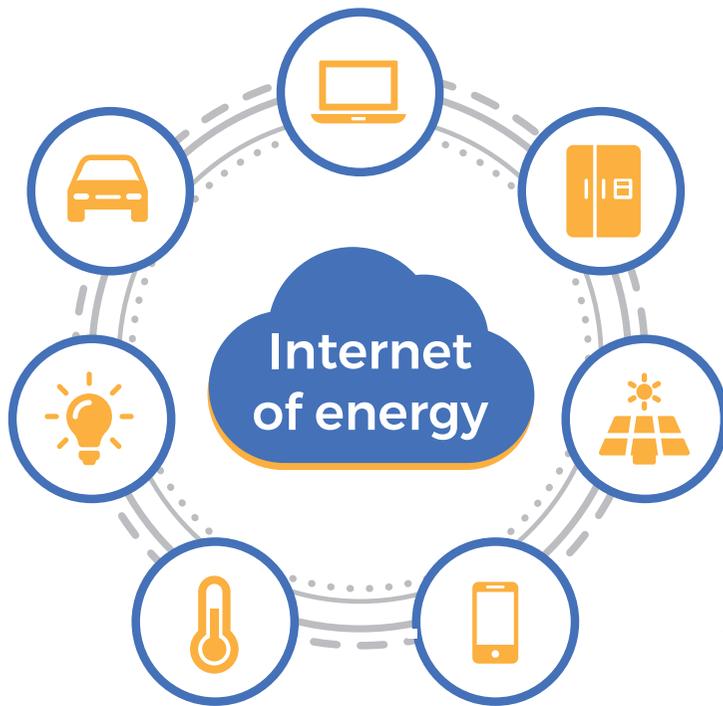🌐 www.ioe-edu.eu   f www.facebook.com/ioeeq

Erasmus+

IoE-EQ

Internet of Energy Education and Qualification

Erasmus+ Strategic Partnership 2017-1-IT01-KA202-006251

The Internet of Energy Context

According to the International Energy Agency, the electricity demand is expected to increase more than two-thirds by the year of 2035. Such high increase will put a unsustainable burden on the current outdated power infrastructure. Intelligent systems, distributed power sources and smart grids are considered the next future of electric systems.

Internet of energy

All these devices, interconnected through the web and empowered through its instruments, realizes the "Internet of Energy" (IoE). Interoperability between smart energy systems, realized through the web, allows the automatic optimization of consumption, the increased efficiency of the networks

Main Objectives of the IoE-EQ Project

The IoE-EQ project has been designed in order to raise awareness among European Companies and Professionals about the potential of IoE technologies and to give evidence of their applications. The project finally aims to create VET qualifications for professionals and training them to adopt and manage IoT devices and applications.

The main outputs of the IoE-EQ are:

- ⊘ Analysis of the training needs and of the professional skills related to IoE technologies and applications;

- ⊘ Design of VET Qualifications in the area of IoE, according to the e-CF 3.0 framework;

- ⊘ Realization of IoE didactic demonstrators, deployed as virtual and/or remote laboratories;

- ⊘ Periodical webinars on IoE related topic;

- ⊘ Production and delivery of training courses aimed at achieving the VET Qualifications;

- ⊘ Realization an IoE Handbook, including best practices and suggestions for the adoption of IoE based devices and applications;

- ⊘ Implementation of an integrated web-platform as support for the whole project.