

REPORT of NATIONAL FOCUS GROUP – “ELEVET” Project Rome, 16th November 2012

Participants:

Consel – Consorzio ELIS

- Fabrizia Ceccarelli – Training Professional ELIS Operations & Safety
- Francesco Bufano – Training Professional ELIS Operations & Maintenance Manager

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- Romolo Bretti – Energy Management Coordinator

Acea Distribuzione

- Azzurra Trinci – Smart Grid Analyst

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- Marco Bonventre – Smart Grid Analyst

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- Giuseppe Cinquefiori – Electrical Instrumentation Coordinator

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- Valerio Pellegrini –Contract Manager Energy and Facility

REPORT OF THE MEETING

After a brief presentation of the project and a quick update on its developments all of participants examined the results of the National survey about knowledge and skills required to Electrical Technicians and Engineer and the Report on Consultation with the results of the survey carried out in the countries of the project partners.

The meeting continued with an open discussion about:

1. strong and weak points in the Italian electrical engineer's education

All participants agreed that the Italian electrical engineer's education provides a complete technical (and theoretical) education (knowledge and competence) but, at the same time, missing the practical application in the workplace and the basic knowledge of the management aspects.

They agreed that to improve this lack it would be appropriated establish a collaboration between universities and enterprises to activate training on the job before graduate.

Universities (for engineer) and High Schools (for technicians) provides technical knowledge and skills that should be integrated and elaborated by students based on their interests and ambitions.

2. soft and business skills needed to electrical engineer

By the open discussion came out that the most important skills required for electrical engineer are:

SOFT SKILLS: team working and human resource management; problem solving; communication; English and Spanish language (participants agreed that to ease the mobility of electrical technicians and engineer those are the most important languages to know).
BUSINESS SKILLS: Project and risk management; Financial and management accounting; business strategy.

The most important skills for technicians are:

SOFT SKILLS: team working, relationship management
BUSINESS SKILLS: analysis and data processing

3. any other skill to consider in the electrical engineer education

All participants have focused particular attention to safety theme: culture, management, legislation and commissioning plant safety.

All participants at the meeting agreed to the necessity of include management and business skills in the vocational education of electrical engineers, in addition to introduce training on the job (through collaboration with enterprises) and soft skills in the education of technicians.



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