



Co-funded by the
Erasmus+ Programme
of the European Union

MECA PROJECT

TRAINING WORKSHOP FOR TEACHERS ON JOB-LINKED EDUCATION INOMA RENEWABLES

01-02 March 2018

Participants

See the list of participants and the list of Spanish business representatives

Objective: To train the course developers and teachers in job-oriented training of students

Target group: teachers and developers of educational and training courses for blended learning from all partner institutions.

Background: knowledge and skills in face-to-face and on-line course development.

Learning outcomes: After the training workshop, the trainees should be able to develop interactive and job-oriented e-learning courses in Moodle or other platform and face-to-face practical assignments.

Evaluation: Students' activities and practice-oriented projects added to the courses developed by each HEI created with the support of the representatives from the industry. Peer review and evaluation by the expert in educational sciences

AGENDA

Thursday 01, March 2018

10h00-10h15 Welcome and opening the meeting. (Room C18)

10h15-12h00 Presentations of the training materials developed by the business partners for the needs of the industry (Room C18)

14h00-17h30 OPEN SESSION. Conference with the Spanish industrials in the field of renewable energy and microelectronics "The use of Open Educational Resources (OERs) for technological update of productive sector" (Degree room)

Wednesday 02, March 2018

09h00-12h30 WP4. On-the-job training. The representatives of the Spanish enterprises for the partners of MECA Project. (Room C18)

14h00-16h30 WP4. Job-oriented educational modules development approaches. Practical assignments.

16h30-17h30 Training at the laboratory of microelectronics.



TRAINING OF TEACHERS ON JOB-LINKED EDUCATION Bucharest 30th-31st October 2017

DAY 1: 1ST MARCH

Training by the representatives of the enterprises on development of job-linked engineering courses.

- Prof. Rafael Castaneda: welcome and opening speech.

WP4 Instructional design of courses for training for higher order skills mCloud

Presentations of the training materials developed by the business partners for the needs of the industry.

OPEN SESSION. Conference with the Spanish industrials in the field of renewable energy and microelectronics “The use of Open Educational Resources (OERs) for technological update of productive sector”.

Workshop on job-linked education of students with trainers: Jose Maria Sanchez (SINCROWATT6), Manuel Gomez Delgado (Cadiz Business Association), Israel Piñero (INGEMATION)



DAY 2: 2ND MARCH

WP4 Development of job-specific training modules

On-the-job training. The representatives of the Spanish enterprises for the partners of MECA Project. Lectures by Israel Piñero (INGEMATION), Manuel Domínguez (MSB Asesores) and Rafael Castaneda (INOMA Renovables).





TRAINING OF TEACHERS ON JOB-LINKED EDUCATION Bucharest 30th-31st October 2017

Four of the business partners developed job-related courses:

- INOMA on : “Electronics maintenance in Renewable energies”
- AMG Technology: “Design, Prototype Fabrication and Challenging Applications of Silicon Microsystems with Piezoresistive Feedback”
- INES: “Silicon Homojunction Solar Cells ”

- ASTEL created a Video Lesson about main criticisms in handling semiconductor devices manufacturing. In this course the design of an optical inspection station of semiconductor wafers is presented.

Training at the laboratory of microelectronics



ToDo List

- Contracts between HEIs and business – continuous
- To develop assignments for different student’s activities (projects) for interactivity of courses.
- New ideas for dissemination - 15 March
- Template for the agreement for Regional knowledge alliances - 15 March
- Video course on entrepreneurship – 15 April
- Reports on the pilot tests - End of April
- Projects from the SMEs – End May
- Next training seminar by the business partners at INES 7th–8th June
- Virtual meeting 2nd May – 11 CET