



Co-funded by the
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Planning of the first tasks

NanoEI Asia Project

Management

- Agreements between the coordinator and partners, with tasks, budget and arrangements for conflicts resolving.
- First advance (to be) transferred to the partners who have signed the agreement.
- Five working groups to be built in accordance with the main activities planned for the attainment of the project objectives foreseen.
- Sub-contracting external evaluator and auditors.

Deadline: May 2017

- Need analysis report
- Competence matrices: learning outcomes and credits
- Syllabi of courses/modules – November 2017
- Project Web page & Moodle learning environment
- Web pages on each partners server and in the corresponding language – February 2017

Five work groups

- on need analysis which will be responsible for need analysis report and learning outcomes definition and content selection with regard to needs identified (WP1); Led by P3 and P4
- on course development (WP2); Led by P6 and P7
- on e-learning materials development (WP3); Led by P5 and P8
- evaluation (WP4); Led by P1 and P2
- dissemination & exploitation (WP5, WP6). Led by P9, P10, P11

Need analysis

Job analysis and educational need analysis

Aim: To analyse the educational needs in nanoelectronics and nano-bioelectronics through problem and job/content analysis, and to define the necessary knowledge, skills and competencies for engineers in the sector in terms of learning outcomes.

Job analysis

- Through analysis of the domain (nanotechnologies for electronics) the necessary skills and knowledge in terms of learning outcomes will be defined and the job analysis will result in the learning outcomes for the necessary competences.

Need analysis

Techniques

Survey (questionnaire and interviews) with:

- teachers and students,
- managers of big and small enterprises in the sector,
- graduated students,
- analysis of the statistics of the labour market and of the trends in higher education in micro and nanoelectronics in each participation PC (through literature study).

E-Learning courses

- Template
- Moodle or ?
- Virtual labs ?

Dissemination

- Project Web pages
 - Main Project Web page – TUS
<http://nanoel-asia.eu>
 - Small Web pages on the partners' servers with information about the project on the language of the partner's country with a link to the Project Web site.
- Deadline: **February 2017**

To Do

- On 26th January to ask the CBHE experts about:
 - The staff conventions
 - Training and retraining purposes. Staff from PgC can not provide training of teachers in PCs? !
 - VAT exemption – what documents by what organisations
 - Mobility for dissemination (attending conferences) ?
 - What can replace the employment contracts?
 - In-house translation? Allowed or co-financing?

To Do

- Management
- To create common e-mail for the project
- To send to the partners:
 - the presentation on financial management;
 - the template for the individual travel report,
 - the template for the staff convention.

To Do

- Logo of the project – 15 February;
- Local Web pages in the local language (and English)
- All HEIs – course description with topics of their two courses and learning outcomes defined and suggestions about the topics which are relevant electronic industry in each country to be included in the survey – end of February.

To Do

- Development of a need analysis questionnaire – end of March
- Need analysis questionnaire – to be answered by all partners, their teachers, students, enterprises – end of April
- Need analysis report by each partner from PCs
- Each HEI to be ready with the final topics of the courses, learning outcomes and syllabus for each course – the next project meeting.

Next meetings

- Virtual meeting on need analysis – Monday 6th June, 9:00 CET
- 1st and 2nd September 2017 Beijing
- February 2018 Mumbai
- End of June 2018 Vestfold
- November 2018 Israel
- March 2019 Kuala Lumpur
- September 2019 Torino
- Last meeting Chongqing