**WP 5 – Revising a new educational pathway of IE&M**

**Aims**

This WP focuses on the actions following the implementation of the pilot. Partner universities will be responsible for starting a process of revision of the whole IE&M course, in full compliance with the information and data collected while implementing WP1 and WP2, and the feedbacks received on WP3 and WP4. The idea is that of creating a new course blended with the e-learning courses developed by partner Universities.

The main aims of this WP are:

* designing a Master Program in IE&M – 120 ECTS (2 academic years)
* defining a set of new course modules that will be created from the experience developed in the project and adopted for exploiting the project results in other universities
* delivering a Handbook for other universities’ design and implementation of IE3 courses

**How the partners involved will organize their work:**

**Universities**: Will assemble the revised and validated learning materials, using them to realize new result-oriented learning pathways in the IE&M.

**Companies**:Will validate the educational pathway.

**Start date:** June 2022

**End date:** October 2022

**Lead partner:** LiU (T5.1 – T5.2) and Infotech (T5.3)

***Task T5.1 Defining the course modules to be included in the redesigned IE&M Master’s Programme***

* The aim is to design a renewed MSc programme in IE&M, creating a blended programme with the e-learning modules developed by the partner universities.
* The first step is defining the course modules to be included in the redesigned IE&M Master programme. This process will keep together the academic and business perspective and will build on the BoK.
* The number of course modules to be redesigned is equivalent to 75-90 ECTS (which represents the number of ECTS necessary for completing a Master’s degree without considering the preparation of the Master’s thesis and the compulsory traineeship period).

 ***Task T5.2******Redesigning the course modules for the IE3 Master’s Programme***

* The second step for redesigning the IE&M Master’s Programme is defining the course modules selected in T5.1. The presentation of course modules will follow the format already prepared for WP3, involving at least the following tabs: Entry requirements, Prerequisites, Intended learning outcomes, Module content, Teaching and working methods, Assessment mode, Module literature.
* The new MSc programme (not training materials) will be created starting from the experience developed in the project and adapted for exploitation towards other universities.

 ***Task T5.3******Exploiting the new programme and capitalization: Creation of a Handbook for IE3 MSc
 programmes***

* This task will specifically be focusing on the experience developed in the project execution, the knowledge created thanks to the partnership with the companies and the feedback received by the different stakeholders to create a Handbook for other universities to create similar MSc programmes in IE&M.

**Proposed workplan**

1. Each university partner in collaboration with the industry partners design a renewed MSc programme in IE&M for tomorrow based on what have been developed so far in the project and related to local experiences and identified need in the national industry.
2. The programme must be a blended learning programme with both traditional learning and teaching activities and newly developed e-learning modules.
3. The first academic year is an undivided period without possible specialisations
4. The third semester (second year) can be a continuation of the format from the first year or be split into two or more content directions.
5. The Master’s thesis is equal to 30 ECTS and must be scheduled for the fourth semester.
6. Illustrate your programme proposal with a course diagram
7. For each course module you must indicate: Full name, number of ECTS (normally 4-6 per module), a short presentation of the content of the module (not a complete module presentation at this stage).
8. If you want to divide the third semester in specialisation branches explain why.
9. Sort out the entry requirements for your proposed programme
10. Specify which course modules are brand new, revised existing and existing modules respectively

**11. Deadline 7 June**. Send your proposals to Janerik Lundquist at LiU.

 **12.** The proposals will be presented during the June coordination meeting.

 **13.** A special working seminar to finalise the new programme is proposed to be arranged
 in late August or early September well ahead of the final conference.