



SEM-SEM

Smart Control Systems for Energy Management

Erasmus + #: 561703-EPP-1-2015-1-UK-EPPKA2-CBHE-JP



Co-funded by the
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TABLE OF ACHIEVED RESULTS

Title and reference number of the work package	Development and establishment of new master Courses
(WP3)	

Indicators of achievement and or/performance as indicated in the previous approved report	Courses contents, lectures, materials , tutorials
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Activities carried out to date to achieve this result:

Activity N°	Activity Title	Start date	End date	Place	Description of the activity carried out	Specific and measurable indicators of achievement
3.1	Establish phase 1 of the developed M.Sc courses	15/1/2016	14/12/2016	ALL Partners	<p>The EU partners with the help of EG/JOR partners worked on the already developed existing courses which will be included in the MS programs. Firstly, the courses outlines were reconstructed from already existing courses in the program and partner countries, Courses like:</p> <p>Energy management, Operation Research, Industrial Machine Design, Thermal Energy systems, Renewable Energy Resources</p> <p>Secondly, The courses materials are designed shared between EU, JOR and EG partners</p>	Courses outlines, lectures, materials, reference, tutorials



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3.2	Establish phase 2 of the new MSc courses	15/4/2016	14/12/2016	ALL Partners	The EU partners with the help of EG/JOR partners worked the new courses, modifying some of the proposed courses Firstly, the courses outlines were newly constructed from scratch by the program and partner countries, Courses like: Real-Time Hardware Setups, Building Management Systems, Integrated Manufacturing Systems, Waste Heat Recovery. Secondly, The courses materials are designed shared between EU, JOR and EG partners	Courses outlines, lectures, materials, reference, tutorials
3.3	Synergetic to omit redundancies between courses	15/9/2016	14/4/2017	ALL Partners	The courses done in 3.1 and 3.2 were chosen according to matched similar courses in IST. This was very important preparation step for the possible dual degree between MU/AASTMT and IST. The program structure was constructed according to Bologna convention. Two program structures were created. The first one was created to serve the educational master programs in Mutah University. The Second one was created to serve the postal programs in AASTMT.	Report with the courses and the program structure.

Changes that have occurred in this result since the previous approved report:

Working on this work package was accelerated to be finished before its deadline in order to apply for the EG/JOR accreditation system. The preparation of courses contents and program structure were finished before the local deadlines assigned to the partners. Also the courses materials were designed and by all partners.