

SECTION IV: SUMMARY OF THE PROJECT

A summary of the project must be provided in English, French or German and may be included in future Tempus publications. This summary should be a snapshot and should include the main features of your project. Please make sure that the information you provide in this section is consistent with the Logical Framework Matrix.

Outputs and Outcomes: (as in LFM)	<ol style="list-style-type: none"> 1. Structure of the master program structure, including admission and graduation requirements 2. Completed and approved courses in the master program 3. Generic specification for equipment and tools 4. Course material and experimental setup 5. Equipment for teaching purposes ready for us 6. Experimental-instructions 7. Trained staff 8. Implemented programme 9. Dissemination
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Summary of the Main Features of the Project:	
<p>The overall objective of this project is to initiate and strengthen education in the areas of renewable energy and energy efficiency in buildings in order to achieve environmental improvements and a sustainable supply of energy professionals and experts to the a market in great need. A way to achieve this is by offering an innovative graduate master program in applied energy with focus on renewable energy and efficient building technologies, introducing appropriate laboratory experience for the staff, to be used for the training of students in energy courses. The target is professional engineers in Lebanon and senior students who will choose to take specialized courses in the energy area. The Lebanese local industry will also be a target to the services for testing and certifying energy systems in Lebanon.</p> <p>New, up to date program that offers specialized courses in Energy with laboratory experiments and human capacity building and training for common graduate and undergraduate programmes will be started at AUB and shared by faculty from the National Lebanese University and Beirut Arab University.</p> <ul style="list-style-type: none"> • This will allow students of member universities to be admitted into the program and take courses in the area of applied energy. • Faculty members spending one or more semesters at a member university to teach or train on renewable technologies while doing joint research. • For thesis related work, students may elect to conduct their research, in part or in whole, at a partner university and benefit from their ties with the industry. This is especially beneficial as it offers students access to valuable resources for applied research and allows industries to benefit from their work. • Local industry will benefit from the training and certification services that will be offered in the FEA Energy Lab stations. 	
Quantitative data concerning the training of target groups involved in your project	
Number of teaching staff trained or retrained	10
Number of trainers trained	
Number of trainees trained	
Number of administrative staff trained or retrained	