



MARUEEB project

Coordination Meeting, Yerevan, 3rd-4th October 2016

PLANNING OF THE NEXT ACTIVITIES OCT 2016 / OCT 2017. ACADEMIC APPROACH

*Prof. Vincenzo Bianco, Professor of Energy
and Thermal Sciences, Polytechnic School,
University of Genoa*

WP3: Support to curricular reform process and capability of AM&RU teaching staff

3.1

Setting up of the Didactical Laboratories and of the support units in each Partner Countries' Universities

3.2

Making of 9 new textbooks to be adopted by the reformed Master Courses. Printing, publishing and distribution of new textbooks

3.3

Delivering of the first Academic Year of the Master Course.

3.1: Setting up of the Didactical Laboratories and of the support units in each Partner Countries' Universities

- 1- Report on the current situation in terms of equipment already present at the partner universities
- 2- Needs analysis of the new equipment to buy according to the necessities of the new master courses
- 3- Buying of the equipment (according to the application some examples are thermo-couples, hygrometer, phonometer, specialistic software, etc.)
- 4- Set-up of new equipment/laboratory on time for the starting of the master courses (within next summer)

Main issues with the equipment

- 1- Equipment to buy should be clearly connected with the content of master courses
- 2- Specific indication should be given on how the equipment will be used within the master course (e.g. in which module, which kind of activity will be developed, etc.)**
- 3- Equipment must be fully available within the beginning of master courses

3.2: Making of 9 new textbooks to be adopted by the reformed Master Courses

- 1- Rather than talking about textbooks, it would be more correct to say "lecture notes"
- 2- Lectures Notes will be structured to support the lectures of the new Master Courses, therefore the contents should be related to the courses contained in PHs
- 3- Partner cooperation to be highlighted in the preparation of the lecture notes (in a single volume chapters are written by different partners)
- 4- **Primary language of the lecture notes is English**, in order to emphasize the international dimension and to improve project sustainability (i.e. if lectures notes are in English they can be used also in other contexts)

Issues with the preparation of the lecture notes

- 1- Lecture notes are for teaching purposes. A large selection of exercises and case studies must be included.
- 2- **NO RESEARCH RESULTS AND ACTIVITIES, etc. TO BE INCLUDED**
- 3- **Each partner university will take care of one volume** of the lecture notes (**7** out of **9** volumes), **8th** book can consist in a collection of case studies (e.g. prepared by junior staff), **9th** text will be a Glossary on "Higher Education and Environment"
- 4- Fundamental to stress the cooperation aspects. In each book it must be shown the participation of people belonging to different institutions
- 5- Junior staff involvement in the preparation of the lecture notes is encouraged. Especially in developing exercises and case studies

Issues with the preparation of the lecture notes

6- Each volume of the lecture notes will be coordinated by a senior professor of each university and all of them will refer to the scientific coordinator. **EXTREMELY IMPORTANT is that each book coordinator can communicate well in English (also through a secretary/assistant) and has a regular access to the email**

7- Possible translation of the lecture notes in Russian and Armenian language (maybe only some relevant parts?) should be discussed. Anyhow, the primary language is ENGLISH

8- Books must be ready within the beginning of the master courses

3.3: Delivering of the first Academic Year of the Master Course

Indicators of progress

1. Establishment and official recognition of the new/updated official curricula in AUA, NPUA, SPBPU, URFU, TSTU and VSUACE, on the basis of the revised Programme Handbooks.
2. Definition of the affiliation of SUSU with URFU.
3. Definition of the academic calendar to be mostly implemented during the project year 2017/2018, considering the main workload carried out by the retrained ARU teaching staff, integrated by EUU teachers' lectures.

3.3: Delivering of the first Academic Year of the Master Course

4. Definition of all the aspects of the teaching offer (enrolment requirements and procedures, minimum of students, final Master thesis, contribution from stakeholders / sponsors).
5. Definition and implementation of methodology for students' rewarding, e.g. IRIS "Interfaculty performance indicator of students" (during the year 2017/2018?).
6. Successful separate beginning in September 2017 of the first academic year of the six Master courses.
7. International *induction event* in SPB.

THANKS FOR YOUR ATTENTION!

Vincenzo Bianco

<vincenzo.bianco@unige.it>

