



**PROGRAMME
TRAINING WORKSHOP 2
Santo Domingo, 20-23 October 2014**

Project Acronym: CAP4INNO

Full Project Title: Knowledge transfer capacity building for enhanced energy access & efficiency in the Caribbean

Contract Number: FED/2013/320-272

Meeting dates: 20th – 23rd October 2014

Venue: INTEC, Santo Domingo, Dominican Republic

1. TRAINING STRATEGY DESCRIPCION

BACKGROUND

The Workshop is part of WP2: CAPACITY BUILDING, Activity 2.3 Capacity building workshops for HEI staff, of the CAP4INNO project.

The aim of WP 2 is to upgrade the qualifications of the partner HEI academic and management staff with a view to providing the high-level skills required for capacity development in the energy sector and to reinforce organisational capacities for regional cooperation and knowledge transfer.

TRAINING METHODOLOGY

The training methodology is based on a training for trainers approach. This shall guarantee that not only 2-3 staff of each university who can attend the trainings are benefiting, but that the knowledge can be spread also to other colleagues. Therefore:

- The first step of the WP is the development of a training plan for HEI staff capacity building activities to enhance capacities of HEI staff to provide new courses to students and professionals (Activity 2.2)
- The second step is to implement 3 training workshops for partner country HEI staff. (Activity 2.3)
- The third step is that these workshops will be replicated in each partner HEI (at least 2 workshops per each partner university). The aim is to benefit and train a larger number of academics on the new topics (Activity 2.4)

TRAINING TOPICS

In line with the project's overall objective the new courses shall provide **knowledge transfer, IPR management and entrepreneurship** skills in the study programmes of energy engineering (as a pilot area). While the practical examples and exercises are based on the energy sector, at no stage it is foreseen to address energy specific topics in the new training courses. There are other projects and programmes addressing this aspect. The objective of CAP4INNO is to work with this sector to stimulate the innovation system and inspire energy sector actors (staff, students, enterprises) to become more innovative.

According to the project proposal, the tentative competences to be covered through capacity building actions are:

- * Technology surveillance & state of the art search & strategies; practical hands-on training in use of free patent databases and search tools, and specialized software (costs and benefits of different tailored software solutions available);
- * Strategic Management & Economics of innovation and technology transfer for engineers; energy technology feasibility & viability analysis;
- * Theory of patents, strategic patenting, political issues of IP systems, basic principles of technology licensing; forms & sources of innovation, innovation incentive systems, basic notions of IP laws, relevance of IP for innovation; IP consultants, ethical issues;
- * Business intelligence, building business strategies around IP
- * R&D Management and Fundraising for S&T projects: strategy & practice; International networking and cooperation in S&T;

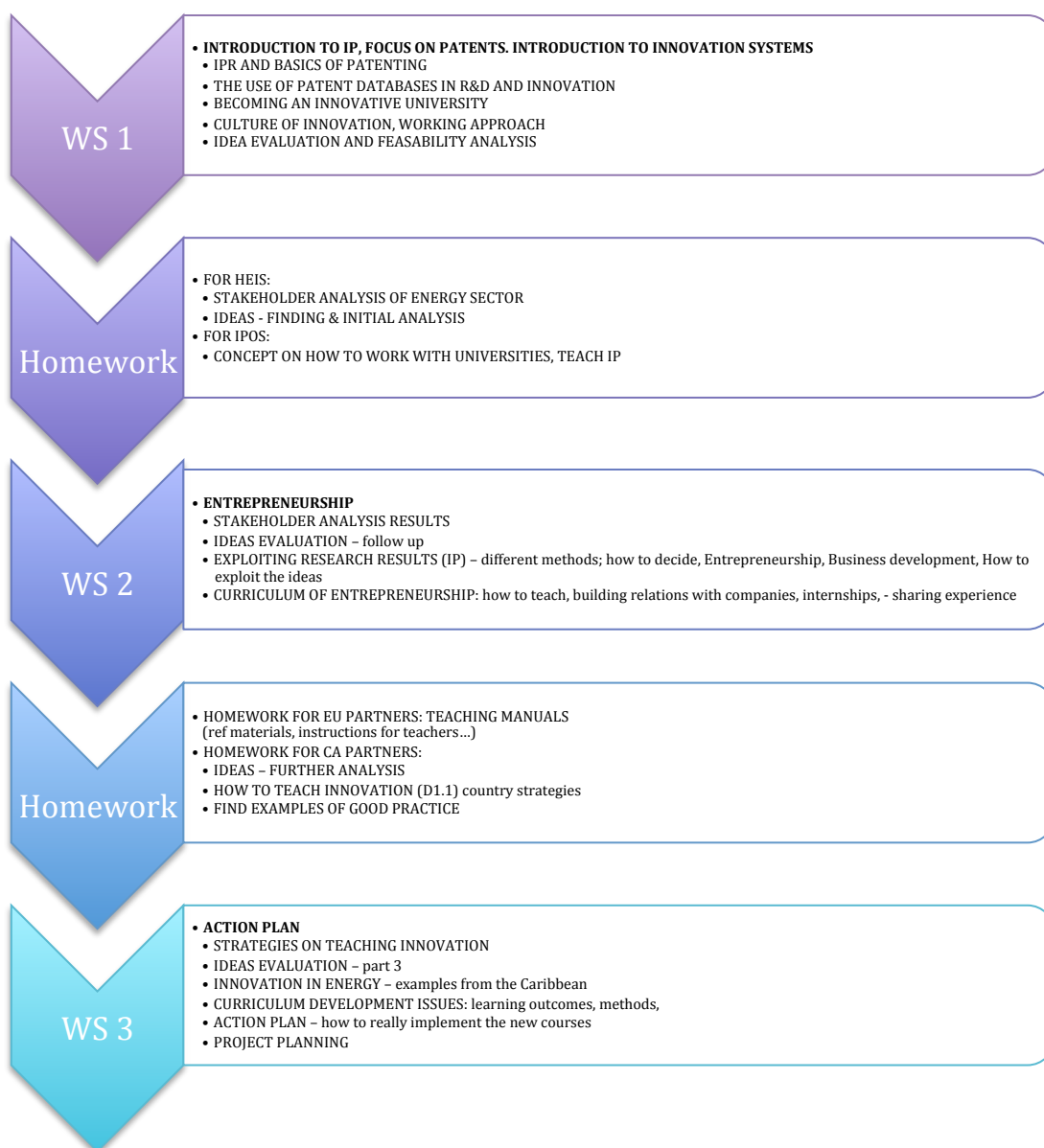
With a view to confirm the needs and requirements of the different actors addressed by the project (HE institutions, students, academics and enterprises) a needs analysis was carried out in the partner countries at the project start.

The findings of the analysis can be found here:

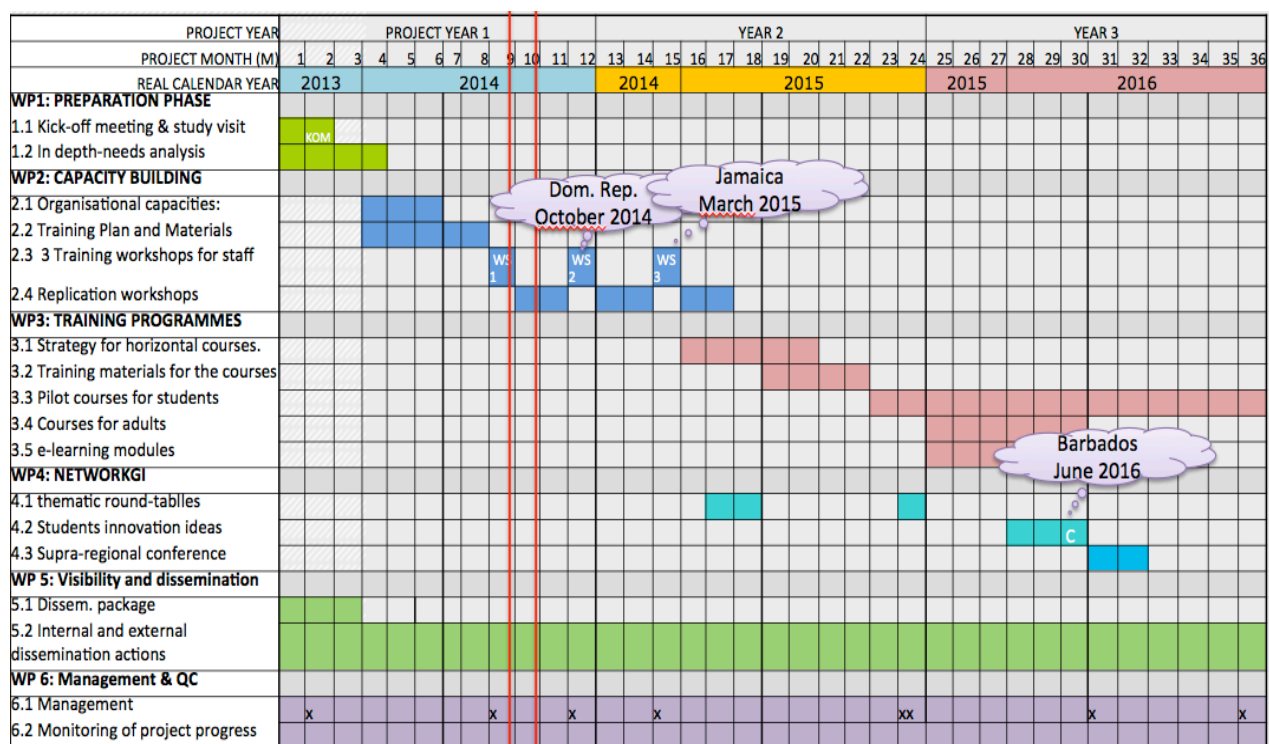
STRUCTURE AND CONTENT OF THE THREE TRAINING MODULES (ACT. 2.3):

The sequence of the training workshops and topics was also influenced by the interest of other important stakeholders and key actors such as WIPO. Synergies with other initiatives are sought in order to enhance the impact and make efficient use of resources. At the same time scheduling activities involving also other stakeholders requires a higher degree of flexibility regarding the content and schedule of some activities.

The CAP4INNO capacity building will be structured as follows:



PROJECT WORKPLAN AND WORKSHOPS:



WORKSHOP 2: ENTREPRENEURSHIP

Objective:

The workshop on entrepreneurship shall provide insights in the different ways of exploiting research results and IP, from the different methods to evaluate an idea, to deciding on how to best exploit it. Basic notions on how to develop entrepreneurial projects will be included.

A special focus will be pursued to address the issue of how to develop a curriculum/university courses to inspire and enable entrepreneurship.

For the workshop to succeed, project participants are required prepare for the workshop (homework, readings and others). Besides any instructions given during the workshops and homework assignments, the project proposal is a good guideline to keep focussing on the objective of the project and keep in mind the final results that need to be achieved.

Topics addressed:

- STAKEHOLDER ANALYSIS RESULTS discussion
- IDEAS EVALUATION – follow up WS1
- EXPLOITING RESEARCH RESULTS (IP) – different methods; how to decide, Entrepreneurship, Business development, How to exploit the ideas
- CURRICULUM OF ENTREPRENEURSHIP: how to teach, building relations with companies, internships, - sharing experiences

Learning outcomes:

After this workshop, participants shall be able:

- To identify the stakeholders of the innovation system in the energy field in their countries and regions, and develop ideas how to engage with them more effectively
- To apply the idea evaluation methodology to their context and their universities and conduct the first steps of this process
- to identify potentially valuable ideas in cooperation with researchers
- to pinpoint the type of new courses that could be introduced in their programmes in order to make them more supportive of innovation, knowledge transfer; to be able to identify the resources they need for it (teaching staff, learning tools, leadership support, financial), the process at the institutional level to implement new courses and apply new methodologies.

PROGRAMME

20-22 October 2014: CAP4INNO workshop 2 on Entrepreneurship

23-24 October 2014: Sustainable Energy Conference

The workshop is implemented in coordination with a scientific conference on sustainable energy co-organized by INTEC and other international partners. The aim to join the workshop with this conference is to give partners the chance to make additional contacts and gain additional knowledge in the field of their interest. Furthermore the co-organisation contributes to enhanced visibility of the project due to its promotion to project-external actors in the field who participate in the conference.

20/10/2014 – MONDAY			Venue: INTEC Campus, Room Julio Ravelo
08.45	09.15	30'	Pick-up from the Hotel and transport to the meeting venue
09.15	09.45	30'	Welcome, Introduction, Project Status and Workshop Objectives <i>Noelia Lopez, Project Manager, University of Alicante</i>
09.45	11.15	90'	“ENTREPRENEURSHIP & INNOVATION: Educational links <i>Iván Sempere, Partner & CEO legal area of PADIMA; Former President of YES (European Confederation of Young Entrepreneurs) and current President of the University-Enterprise Foundation of Alicante (Fundeu)</i>
			Coffee Break and Networking
11.30	13.00	90'	“ENTREPRENEURSHIP & INNOVATION: Educational links – cont'd. <i>Iván Sempere, Partner & CEO legal area of PADIMA; Former President of YES (European Confederation of Young Entrepreneurs) and current President of the University-Enterprise Foundation of Alicante (Fundeu)</i>
			Lunch Break
14.00	15.00	60	Core processes required to support Research to Market <i>Sari Scheinberg, Chalmers University, Sweden</i>
15:00	17:00	120	AIM - What hinders Research to application – <i>Sverker Alänge, Chalmers University, Sweden</i>
17.00	17.30	30	Reflection and evaluation of today

21/10/2014 – TUESDAY			Venue: ONAPI, Training Room
08.45	09.15	30'	Pick-up from the Hotel and transport to the meeting venue
09.15	09.45	30'	Idea Evaluation – A Review -
09.45	11.15	90'	Presentation and Discussion of Potential Ideas for Evaluation
			Coffee Break and Networking
11.30	12.15	45'	Presentation and Discussion of Ideas – continued
12.15	13.00	45'	Next steps – assignment
			Lunch Break
14.00	15.30	90'	Curriculum Development – how to make this course your own <i>Sverker Alänge, Chalmers University, Sweden</i>
15:30	16:30	60'	Different ways of knowledge transfer: a focus on spin-off <i>Noelia Lopez, Project Manager, University of Alicante</i>
16.30	17.00	30'	Evaluation of the day
19:45			Pick-up from the Hotel to have group dinner TBD

22/10/2014 – WEDNESDAY			Venue: INTEC Campus, Room Julio Ravelo
08.45	09.15	30'	Pick-up from the Hotel and transport to the meeting venue
09.15	09.45	30'	Introduction – context building – goals for the day
09.45	11.15	90'	<i>Presentation by Caribbean Partner Universities – Mapping Strategy for Stakeholders</i>
			Coffee Break and Networking
11.30	13.00	90'	Preparing for Assignment – Data collection methods, questionnaire development, roles and responsibilities, resources needed, motivation, mandates needed, What can go wrong, worries.
			Lunch Break
14.00	15.00	60	Next steps – assignment – analysis and feedback workshop
15.00	16.30	90'	Curriculum Development – Presentation of Stakeholders for Sustainability – Chalmers Course. Presentation of Design and philosophy –The Cycle of Experience How to make this course your own - reflections, supports and hinders, ideas
16:30	17.00	30'	CAP4INNO – Next activities <i>Noelia Lopez, Project Manager, University of Alicante</i>
17.00	17.30	30	Reflection and Evaluation of Today