



Presentation of training activities of Eurobioeref WP 10.3

Eurobioeref Summer School



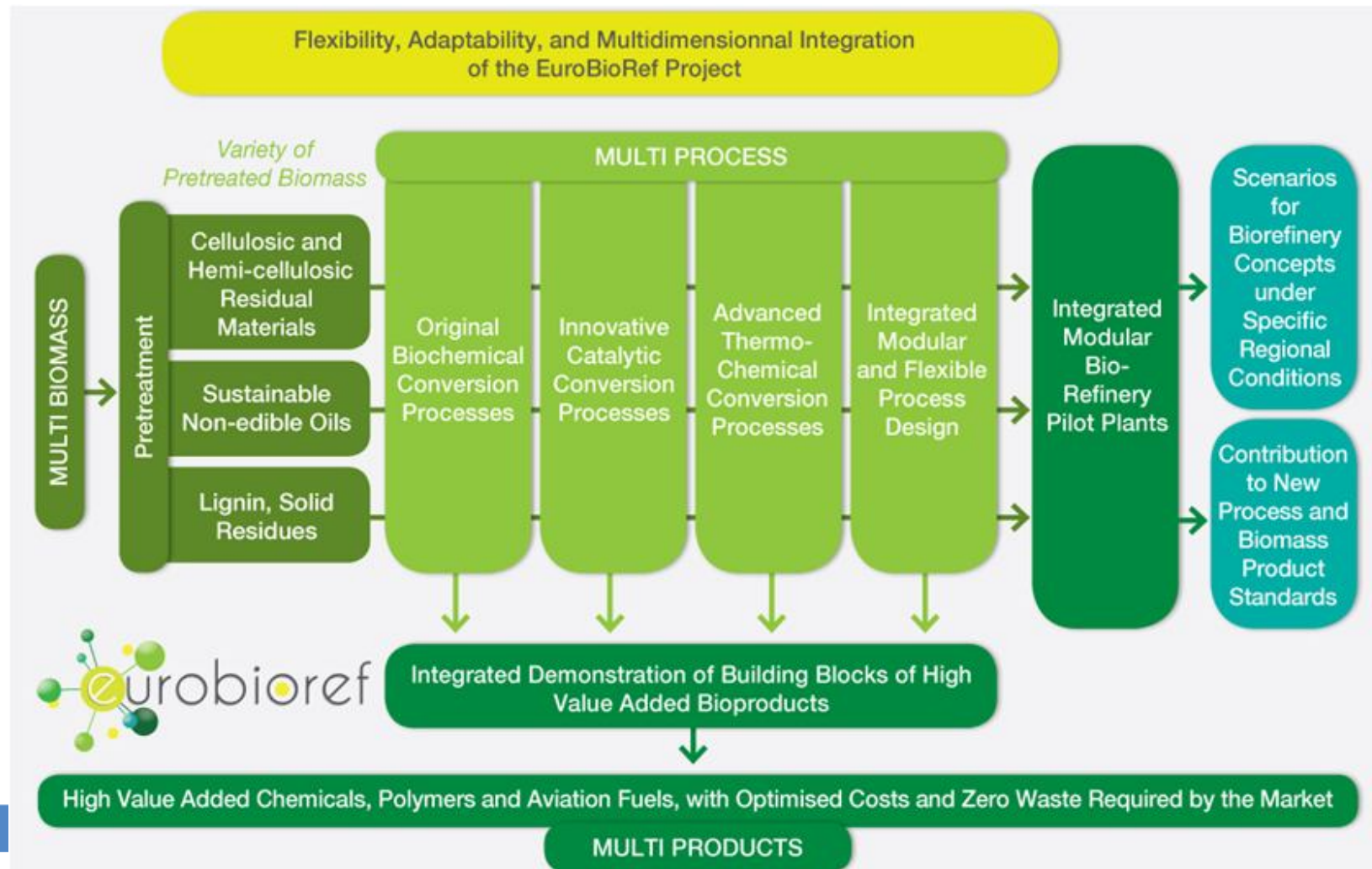
Place: Castro Marina, Date: 18/09/2011
Speaker : Angeliki Lemonidou, CERTH



A European Project supported within the Seventh Framework Programme for Research and Technological Development



Eurobioref Concept



WP10.3 Training activities

Goal

To promote Sustainable Biorefinery Sciences and Technologies through **training, education, and mobility**

Specific objectives

- Train all the people in academia and industry involved in biorefinery sector
- Spread specific knowledge from experts in EUROBIOREF to young scientists
- Exchange of good practice among the high level partners involved in different domains
- Provide personal and distance-learning training to extend Science & Technology understanding of the Biorefinery concept
- promote S&T cohesion within the European Research Area and so increase skills across Europe

Activities

- Lectures/University courses
- Organizations of workshops and training schools
- Training on site
- Training material for various categories of users
- Evaluation of the training

Target groups

- End users (chemical, petrochemical industry, energy producers), farmers, entrepreneurs
- Researchers working on biomass and its applications
- Undergraduate and post graduate students in the fields of agronomy, (bio)chemistry and chemical and process engineering

Activities already completed

Two Master courses in the program Chemistry Energy Environment
CNRS—UCCS, 40h of lectures

- 'La catalyse au cœur des bioraffineries du futur'
- 'Impact des carburants Bilan environnemental des différentes filières énergétiques pour les applications mobiles, amélioration des carburants et biocarburants'

List of training activities

Type	Title	Organizing Partner	Location /date	Duration	Target Group	No of participants	
Task 10.3.1 Scheduling, preparation and implementation of training events (M12-M48) (CERTH, TUDO, ALMA)							
1	Short course	Reactive Molecular Separations	TUDO	Dortmund/Germany/M25-36	2,5 days	Graduate master and PhD students	30
2	Training on-site	Gasification of Biomass	CERTH	Greece-Athens/M42-43	4 days	Students performing their postgraduate masters or PhDs at their early stages	35
Task 10.3.2. Training for professionals (M30-M45) (UWM, ECOINT, HTAS, PDC-GMBH, CRES, EUBIA, SOABE)							
3	Workshop	Management and LCA methodology	ECOINT+ PDC	TBD/M36?	TBD	Professionals in sustainable development	TBD
4	Workshop	Rules and techniques in cultivating energy crops	CRES	Greece/M41	TBD	Farmers & farmer cooperatives, local planners	50
5	Demonstration course	Demonstration days on Plants cultivation	CRES +SOABE + UWM	UWM/M44-45	1 day	For farmers and entrepreneurs (public/private)	40
Task 10.3.3 Training for students (M24- M45) (CIRCC, FEUP, HTAS, RWTH, PDC-GMBH, CNRS-UCCS)							
6	Internships	Internships and diploma thesis in industry	Industrial project partners	Throughout the project	4-6 months	Graduate master and PhD students	TBD
7	Short training visits	Short training in new techniques and use of facilities among partners (University and industry)	All partners	Throughout the project	5-10 days	Students and young scientists/ professionals working within the project	TBD
8	Lectures	Series of lectures in Universities and/or industries in biorefinery-related subjects	All partners	Throughout the project	TBD	Ph.D. students, young researchers, professionals from both academia and industry	TBD
Task 10.3.4 Summer course (M24-36) (CIRCC, CERTH, CNRS-UCCS, ALMA)							
9	Summer school	Properties of Biomass and its Conversion Technologies <i>The concept of Biorefinery comes into operation</i>	CIRCC, CERTH	Castro, Italy/18-25 Sep 2011 (M18)	6 days	Ph.D. students, young researchers, professionals from both academia and industry in the disciplines of chemistry, biology, engineering	50-70

Short courses for students

Short Course: Reactive molecular separations

Organizer: TU Dortmund
When: 24th to 36th month
Duration: 2.5 days
Where: Dortmund Germany
Target group: graduate MS and PhD students

Training event on site: Gasification of Biomass

Organizer: CERTH
When: 42nd month
Duration: 4 days
Where: Athens Greece
Target group: graduate MS and PhD students

Training for professionals

Management and LCA methodology

Organizer: ECOINT+ PDC
When: M36
Where: Germany
Target group: professionals in sustainable development

Techniques on cultivating energy crops

Organizer: CRES
When: M41, Duration TBD
Where: CRES Greece
Target group: farmers & farmer cooperatives, local planners

Demonstration day on plants cultivation

Organizer: UWM+CRES +SOABE
When: M44, Duration 1 day
Where: UWM, Poland
Target group: farmers and entrepreneurs (public/private)

Training for students

Actions running through the whole project implementation period

- Openings in industrial partners for diploma theses (4-6 months)
Target group : Bachelor and MS students
- Short visits (5-10days) for training in new techniques and use of facilities among the labs (University and industry)
Target group: Students and young scientists/professionals working within the project
- Series of lectures in Universities and/or industries from partners in subjects related to their expertise

Summer School

Registration

Applicants should apply via the on-line registration form available at the school website. The form should be filled in and sent by fax (+39-080 544 36 06) or by e-mail to Prof. Angela Dibenedetto (circc@circc.uniba.it) by **May 15, 2011**.

Registration fees

Academia	650 €* half board
	740 €* full board
Industry	820 €* half board
	910 €* full board

*Accommodation in twin bedrooms
Supplement for single room: 15 € per day per person (total: 90 €)

The registration fee includes: breakfast, half or full board with accommodation in a double-bed room from September 18th to September 24th, 2011, teaching material & information package, CD with the lectures, visit to Lecce and Otranto, social dinner, transportation from/and to the airport in Brindisi or the train station in Lecce.

Payment through bank transfer should be made to the following bank account headed to "Nowatech Ass-School EuroBioRef."
IBAN: IT09 T010 1004 0021 0000 0002 83
BIC/SWIFT: IBSPITNA

Scientific Committee

Prof. Franck Dumeignil, CNRS-UCCS, FR, Co-Chair
Prof. Michele Aresta, CIRCC, IT, Co-Chair
Dr. Jean-Luc Dubois, Arkema
Dr. Ivan Andersen, HTAS
Dr. Klaus Neumann, Borregaard
Dr. Karsten Hjort, Novozymes
Dr. Ausilio Bauen, Imperial College

Organizing Committee

Prof. Angela Dibenedetto CIRCC-UNIBA, IT, Co-Chair
Prof. Angeliki Lemonidou, CERTH, GR, Co-Chair
Dr. Carlo PASTORE, CIRCC-UNIBA, IT
Dr. Eleni Heracleous, CERTH, GR
Dr. Simona Bennici, UCCS-CNRS, FR
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Web site

<http://www.eurobioRef.org/>

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Summer School

Utilization of Biomass for the Production of Chemicals or Fuels

"The concept of Biorefinery comes into operation"

FIRST ANNOUNCEMENT



September 18th-24th, 2011



Hotel Orsa Maggiore,
Castro Marina, Lecce, Italy