

Academic year	2009/2010
Project title:	<i>(EPROBIO) - Energy production from biomass in the European Union</i>
Organization	University of Foggia Via Gramsci, 89-91 71100 – Foggia - Italy
Contact person (Project coordinator)	Dr. Mariarosaria Lombardi Faculty of Economics – Department of SEAGMeG Address: Via R. Caggese, 1 Post code: 71100 – Town: Foggia (Italy), Phone: +39 0881 781720 Fax Number: +39 0881 781758 E-mail: m.lombardi@unifg.it ; Internet site: www.economia.unifg.it
Location and calendar	University of Foggia - Italy; 9-24 June 2020 (10 continuous full days, including arrival and departure date)
Language	Lessons will be taught in English
Partners	Università di Pavia (I) (I PAVIA01) prof. V. Vaccari Universitat de Barcelona (ES) (E BARCELO01) prof. J. Mata-Alvarez Wageningen Universiteit (NL) (NL WAGENIN01) Dr. R. R. Bakker
3 ECTS Credits (for total 75 hours)	9:30/1:30pm, 2:30-6:30pm (about 8 hours a day)

Over last years, growing concerns related to climate changes and to the necessity of a certain and guaranteed energy supply have been generating actions directed to the promotion and development of renewable energy sources, in particular of biomass.

The object of this Intensive Programme (IP), organized from 09 to 24 June 2010, is indeed to provide for students a global view of state of the state of art and prospects of biomass use for energy, in consequence of the Directive proposal concerning the promotion of renewable energy sources of 23 January 2008, included in the package proposal called “20-20-20”.

The course intends:

- to examine the production of principal biofuels, derived by different raw materials, through a technical, economic and environmental assessment;
- to analyse the most important innovative research in this field.

The course will be divided into three principal section:

1) Bio-hydrogen and biogas production; 2) Biodiesel production; 3) Bioethanol production.

Target groups

The IP is open to a maximum of 25 students: 10 students from the University of Foggia, 5 students from University of Barcelona (ES), 5 students from University of Wageningen (NL) and 5 students from University of Pavia (IT).

Main activities

The learning activities will be characterized by lectures, working groups, data processing laboratory exercises, visiting. At the end of the course each student will have to write a synthetic paper related to own working group activity

Expected outputs

The participation of several professors, coming from different European universities, and characterized by strong scientific background will allow students: to acquire a different, multidisciplinary and in depth knowledge of such topic; to learn the main methodology to assess the environmental and energetic sustainability of the production process (Life Cycle Assessment).