



INVITATION

We are pleased to invite you to attend on the 27th May 2013, starting at 10:00 the workshop organized within the project "**A new method and system for real time monitoring fermentation process**" (HU-RO BIOETHANOL, HURO code 1001/121/2.2.2), project coordinated by the University of Oradea, as project leader and Bay Zoltán Nonprofit Ltd. Institute for Biotechnology as project partner in the CBC Program Hungary - Romania 2007-2013.

Project "**A new method and system for real time monitoring fermentation process**", funded under the Program for the Hungary - Romania 2007-2013 by the European Regional Development Fund (ERDF), complemented by national co-financing of the two Member States, Hungary and Romania, has the overall objective of developing a new method and an innovative system that uses optical biosensors for real-time monitoring of carbohydrate hydrolysis and ethanol fermentation during ethanol production and wine in order to improve efficiency bioethanol production and quality of wines.

We would be honored by your presence.

Please confirm your participation on e-mail: alinacaraban@yahoo.com

Venue: Hotel Ramada Oradea, Arad Way, No.9, 410223

Attached you have the event agenda.

Sincerely,

Prof. Dr. Eng Caraban Alina Maria

Project Manager

Oradea,

April 23, 2013



***A new method and system for real time fermentation process
monitoring HURO 1001/121/2.2.2
Acronym: HU-RO BIOETHANOL***

**WORKSHOP
27 mai 2013 - Oradea**

Parteners:

- University of Oradea – Romania, Project Leader –L P
- Bay Zoltán Nonprofit Ltd Institute for Biotechnology, Hungary – Project Partener – PP1

Conference room– Hotel Ramada Oradea

Conference's Official Language: Romanian, with translation in Hungarian

AGENDA OF THE EVENT

Monday– 27 MAI 2012	
09:30 – 10:00	<i>Registration</i>
10:00-11:45	<i>Workshop opening</i> <i>Lucia Ana Varga</i> - Minister for Water, Forests and Fisheries <i>Mircea Mălan</i> Deputy Mayor of Oradea <u>Prezentations - part I</u> <i>1. Presentation of scientific activity of the University of Oradea - Sorin Curilă - President of the Senate of the University of Oradea - 10 min</i> <i>2. Presentation of the University of Oradea, Faculty of Science, Sanda Monica Filip - Dean of the Faculty of Oradea Prezentarea Universității din Oradea– 10 min</i> <i>3. Bioethanol –an ecological source of fuel - Lucian Moza – Area manager OMV Petrom Marketing SRL -10 min</i> <i>4. Overview of the project „A new method and system for real time fermentation process monitoring”- Cărăban Alina Maria – Project Manager, Albu Adina – Visibility expert - 30 min</i>



	5. Presentation of the Bay Zoltán Nonprofit Ltd. Institute for Biotechnology Szeged – Project Partner - movie- 15 min 6. Investigation of efficiency of ethanol production in different yeast strains - Dergez Ágnes Karolina, Bay Zoltán Nonprofit Ltd. Institute for Biotechnology Szeged - 30 min
11:45-12:00	Coffee break
12,00 – 13:30	<u>Presentations – part II</u> 7. Investigation of wine production with different yeast strains Antal Péter, Bay Zoltán Nonprofit Ltd. Institute for Biotechnology Szeged - 30 min 8. HPLC measurements improvements for investigation of bioethanol and wine fermentation - Kiss Julianna Judit, Bay Zoltán Nonprofit Ltd. Institute for Biotechnology Szeged - 30 min 9. Spectrophotometric methods used in the study of fermentative processes - Filip Monica Sanda, Toderas Adina Monica, Macocian Eugen Victor, University of Oradea - 30 min
13:30 – 14:30	Lunch break
14:30-18:00	10. Valuable by-products of bioethanol production - Portörő Péter, Németh Alexandra, Bay Zoltán Nonprofit Ltd. Institute for Biotechnology Szeged - 30 min 11. Bioethanol production from Surghum sp. (Sucrosorgo) - Dergez Ágnes Bay Zoltán Nonprofit Ltd. Institute for Biotechnology Szeged - 30 min 12. Monitoring system for ethanol concentration using neural networks - Țarcă Radu Cătălin, Vesselenyi Tiberiu, University of Oradea - 30 min 13. Study of the starch hydrolysis reaction in the bioethanol production process - Bota Sanda Rodica, Cărăban Alina Maria, University of Oradea - 30 min 14. Several aspects of the bioethanol production from biomass – Stănășel Oana Delia, Popa Vasilica, Badea Gabriela, University of Oradea - 30 min 15. Experimental information management within the "BIOETHANOL" project – Țarcă Ioan Constantin, Țarcă Naiana Nicoleta, University of Oradea - 30 min Discussion, questions- 30 min.