



2<sup>nd</sup> Meeting on **B**io-sensor for **E**ffective **E**nvironmental  
**P**rotection and **C**ommercialization-**E**Nhanced

27<sup>th</sup>-29<sup>th</sup> April 2010

Université de Perpignan  
IMAGES, EA 4218, Bâtiment S



**Organizing Committee:** *Thierry Noguer, Carole Calas-Blanchard, Giovanni Basile, Francesca Vergari, Daniela Giannini*

**Scientific Committee:** *Thierry Noguer, Maria Teresa Giardi, Katia Buonasera, Giuseppina Rea, Arianna Tibuzzi*

## **FIRST DAY – Tuesday 27<sup>th</sup> April 2010**

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Afternoon: **Arrival in Perpignan**

20:00        **Welcome dinner**

## **SECOND DAY – Wednesday 28<sup>th</sup> April 2010**

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- 09:45        **Welcome**  
*Thierry Noguer (University of Perpignan, France)*
- 10:00        **Introduction and Presentation of the Agenda**  
*Giovanni Basile (Biosensor Srl, Italy)*
- 10:20        Biomediators and extraction protocols: Industrial manuals  
*Maria Teresa Giardi, Katia Buonasera, Giuseppe Rodio*  
*(National Research Council - Institute of Crystallography, Italy)*
- Immobilization methods and characterization of immobilized biomediators  
*Katia Buonasera, Giuseppe Rodio*  
*(National Research Council - Institute of Crystallography, Italy)*
- 11:00        **Coffee Break**
- 11:30        Immobilization protocols and Molecular Imprinted Polymers (MIPs) for  
selected class of pollutants  
*Georges Istamboulié, Ewa Moczko (University of Perpignan, France)*
- 12:00        **Lunch**
- 13:30        Demonstration software for data analysis  
*Thierry Noguer (University of Perpignan, France)*
- 14:00        Design of the transduction systems and the fluidic architecture  
*Gianni Pezzotti (Biosensor Srl, Italy)*
- Prototyping a multicell fluorimeter (MultiLights) and a combined detection  
system (MultiTasks)  
*Gianni Pezzotti (Biosensor Srl, Italy)*
- 14:45        Design of innovative screen-printed electrodes for a multiarray  
amperometric system (MultiAmps)  
*David Hernandez Santos (DropSens S.L., Spain)*
- 15:15        **Coffee Break**
- 15.30        Microfluidic design for multiarray biosensor applications  
*Andreas Helwig (EADS Deutschland GmbH, Germany)*
- 15:45        Design of laboratory sensor tests and preliminary considerations on software  
design  
*Thierry Noguer (University of Perpignan, France)*

Design and suggestions for in-field water monitoring tests  
Wouter van Delft (VITENS, The Netherlands)  
Ben Tangena (National Institute for Public Health and the Environment-RIVM,  
The Netherlands)

16:15 Discussion  
Giovanni Basile (Biosensor Srl, Italy)

### THIRD DAY – Thursday 29<sup>th</sup> April 2010

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09:00 Review of the project status and brainstorm ideas for future projects  
Giovanni Basile (Biosensor Srl, Italy)  
Maria Teresa Giardi (National Research Council - Institute of Crystallography,  
Italy)

10:00 Dissemination and exploitation of scientific results  
Giovanni Basile (Biosensor Srl, Italy)  
with the participation of Paolo Petroni (Enervit SpA)

10:30 **Coffee Break**

10:45 **Visit to the University of Perpignan**

11:30 Discussion and closing remarks

12:00 **Lunch**



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