

**Tuesday, June 4<sup>th</sup> 2013**

- 13:00-13:05 **Welcome and Opening**  
Xavier Gabarrell, *Universitat Autònoma de Barcelona, Spain*  
Christine Raynaud, *CRITT CATAR, France*

**Creation and Implementation of an LCA Database for the Sudoe region**

- 13:05-13:10 **Introduction to the session**  
Joan Rieradevall, *Universitat Autònoma de Barcelona, Spain*
- 13:10-13:30 **Presentation of LCADB.sudoe** (*Design and functionality, Review of datasets compiled and its state, Review of the typology of user, Next steps: improvements, diffusion & other*)  
Carles Martinez, *Inedit, Spain*
- 13:30-13:45 **Users experience in LCADB.sudoe. Introduction of datasets**  
Esther Sanyé, *Universitat Autònoma de Barcelona, Spain*
- 13:45-14:00 **Users experience in ILCD editor. Introduction of datasets.- How to use ILCD editor**  
Benjamin Kampinga, *Inedit, Spain*
- 14:00-14:15 **Users experience in Ecoeditor (ecoinvent). Introduction of datasets. - How to use ecoinvent ecoeditor**  
Esther Sanyé, *Universitat Autònoma de Barcelona, Spain*
- 14:15-14:30 **Round table discussion, Questions and Comments**  
Carles Martinez, *Inedit, Spain*

**Break (10 min)**

**Comparison and implementation of urban metabolism methodologies: a study of Aveiro, Barcelona and Marseille**

- 14:40-14:45 **Introduction to the session**  
Guillaume Junqua, *ENSMA, France*
- 14:40-14:50 **How to adapt the LCA framework to a territorial approach?**  
Philippe Roux / Eleonore Loiseau, *IRSTEA, France*
- 14:50-15:00 **Extended Input-output table of Barcelona**  
Xavier Gabarrell, *Universitat Autònoma de Barcelona, Spain*
- 15:00-15:10 **Comparison of implementation of urban metabolism methodologies**  
Guillaume Junqua / Nicolas Mat, *ENSMA, France*
- 15:10-15:25 **Round table discussion, Questions and Comments**

June 4, 2013  
Toulouse,  
France

**SYMPOSIUM ON ECOINNOVATION  
IN THE SUDOE REGION**  
FINAL PRESENTATIONS OF THE ECOTECH SUDOE PROJECT



- 15:25-15:35 **LCA of the urban water system of Aveiro**  
*Ana Claudia Dias, Universidade de Aveiro, Portugal*
- 15:35-15:45 **Greenhouse gases generated in the waste management of Barcelona. The CO2ZW tools applied to cities**  
*Eva Sevigne, Universitat Autonoma de Barcelona, Spain*
- 15:45-15:55 **Waste management issues of the three towns**  
*Guillaume Junqua / Nicolas Mat, ENSMA, France*
- 15:55-16:10 **Round table discussion, Questions and Comments**

**Break (10 min)**

**Agriculture and forest based products: LCA, bioenergy and green water use**

- 16:20-16:25 **Introduction to the session**  
*Luis Arroja, Universidade de Aveiro, Portugal*
- 16:25-16:40 **Bioenergy from vineyard pruning residues**  
*Cyril Arnoult and Philippe Roux, IRSTEA, France*
- 16:40-16:55 **Bioenergy from Eucalyptus residues**  
*Ana Claudia Dias, Universidade de Aveiro, Portugal*
- 16:55-17:10 **New methodology for evaluating soil-water consumption within LCA**  
*Montse Núñez IRTA, Spain and previously INRA, France, Philippe Roux IRSTEA, France*
- 17:10-17:25 **Cork forestry in Portugal and comparison with Catalunya**  
*Ana Claudia Dias, Universidade de Aveiro, Portugal*
- 17:25-17:40 **Round table discussion, Questions and Comments**

**Wednesday, June 5th 2013**

**Ecodesign of products in the agro-industrial sector**

- 9:00- 9:15 **Welcome and introduction to the session**  
*Gerard Vilarem, CRITT CATAR, France*
- 9:15- 9:40 **Life cycle analysis : Fundamentals and applications**  
*Caroline Sablayrolles , LCA, ENSIACET, France*
- 9:40-10:05 **Life Cycle Analysis to the reduction of the Carbon Footprint in the olive oil sector**  
*Guillaume Busset , LCA, ENSIACET, France*
- 10:05-10:30 **Ecodesign of products in SMEs : strategy and example**

Pierre Marie Guineheuc , *Efficient Innovation, France*

**Break (10 Min)**

**Improving the sustainability of buildings and the creation of a simulation software – a case study in Montpellier**

- 10:40-10:45 **Introduction to the session**  
Guillaume Junqua, ENSMA, Cyril Arnoult, IRSTEA, France
- 10:45-11:00 **The « demonstrator » pilot project : Renovation of research team offices in a tertiary building**  
Cyril Arnoult, *IRSTEA, France*
- 11:00-11:15 **The « demonstrator » pilot project : Set up of a research communication network through video conference**  
Nicolas Routaboul , *SCET, France*
- 11:15-11:20 **“Sustrenovation”, a simulation software dedicated to the ecodesign of a tertiary activity: general overview**  
Guillaume Junqua, *ENSMA, France*
- 11:20-11:45 **“Sustrenovation”: presentation of the functionalities**  
Lucie Duclos, *NOBATEK, France*
- 11:45-12:10 **Round table discussion, Questions and Comments**
- 12:10-13:15 Lunch**

**Demonstration and simulation of industrial ecology approaches to improve resource management**

- 13:15-13:20 **Introduction to the session**  
Xavier Gabarrell, *Universitat Autònoma de Barcelona, Spain*
- 13:20-13:40 **Environmental assessment of closing flows and vegetables production: from urban waste and with Roof Top Greenhouse**  
Roberto Quiros, *Universitat Autònoma de Barcelona, Spain*/Esther Sanyé, *Universitat Autònoma de Barcelona, Spain*
- 13:40-13:50 **“Territorialecology”, a simulation and demonstration tool of an industrial ecology approach , Overview of the tool**  
Guillaume Junqua, *ENSMA, France*
- 13:50-14:00 **“Territorialecology”: Game players application**

Benoit Duret, Mydiane, France

14:00-14:10 **“Territorialecology”**: Identification of synergies application  
Cyril Adoue, *Consultant, France*

14:10-14:20 **“Territorialecology”**: Environmental and cost assessment of a synergy application  
Laurent Georgeault, *LGCD, France*

14:20-14:45 **Round table discussion, Questions and Comments**

**Break (15 min)**

**Parallel Session 1 - Water issues in industrial ecology and LCA in the Sudoe region**

15:00-15:05 **Introduction to the session**  
Miquel Rigola, *Universitat de Girona, Spain*

15:05-15:25 **Waterfootprint in urban water cycle: the role of the WWTP’s**  
Joaquim Comas, *Universitat de Girona, Spain*

15:25-15:55 **LCA applied in urban wastewater system**  
Philippe Roux, *IRSTEA, France*

15: 55-16:10 **LCA applied in drinking water plants**  
Serni Morera, *Universitat de Girona, Spain*

16:10-16:30 **NOVEDAR\_DSS: a Decision Support System for the selection and integrated assessment of WWT configurations and technologies**  
Joaquim Comas, *Universitat de Girona, Spain*

16:30-16:50 **Presentation of Veolia Water Impact Index**  
Joan Sanz, *Veolia Water, Spain*

16:50-17:05 **IWA working group: LCA in wastewater plants**  
Lluís Corominas, *Institut Català de Recerca de l’Aigua, Spain*

15h – 17 h **Parallel Session 2 – Visite des laboratoires du Critt Catar, Centre d’Innovation et de Transfert de Technologie Agroressources (in French)**

**Close of Session**

17:05-17:15 Xavier Gabarrell, *Universitat Autònoma de Barcelona, Spain*