

# EuroBioRef

**Project acronym:** EUROpean multilevel integrated BIOREFinery design for sustainable biomass processing

**Project Title:** EUROpean multilevel integrated BIOREFinery design for sustainable biomass processing

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## SP10 – Exploitation, Dissemination, Communication, Standardisation and training activities

### WP10.2 – Dissemination and Communication

### Deliverable report

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General Report including the 4 following items:  
1. Report on collaborations with European Networks and organisation of events (EUBIA)

*Deliverable Title:*  
2. Dissemination activities report to scientific community (DTI)  
3. Dissemination activities report to industrials (EUBIA)  
4. Report concerning dissemination to the large public (EUBIA)

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*Contributing Beneficiaries:* UCCS-CNRS, DTI  
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#### Approval

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#### Dissemination level

PU	Public	X
PP	Restricted to other programme participants (including the Commission Services)*	
RE	Restricted to a group specified by the consortium (including the Commission Services)*	
CO	Confidential, only for members of the consortium (including the Commission Services)	

\* In case of dissemination level of PP/RE, the persons (or group of persons) agreed to have an access to the document are: Not applicable

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## Executive summary

### *Description of the deliverable objective and content*

This deliverable report D10.2.1 is the **dissemination activity report** of the Eurobioref project's dissemination activities that have been done in the context of the project, according to the original plan for dissemination activities described in *Sub Project 10: Exploitation, Dissemination, Communication, Standardisation and Training activities*. This Deliverable report D10.2.1 is specifically on Work Package 10.2 on Dissemination and Communication during period two of the project only. This Deliverable D10.2.1.2 covers the timespan of the second period of the project from and including **March 1<sup>st</sup> 2011 until February 29<sup>th</sup> 2012**. A previous edition of Deliverable D10.2.1.1 detailing the dissemination activities of the period one of the project was submitted and approved by the European Commission.

Workpackage (WP) 10.2 on Dissemination and Communication should be the voice of the project throughout the project and establishing a dissemination tool for after the project's end. The focus is to disseminate project information internationally in order to attract interest and investors for the future development of biorefineries in Europe. The objective is to spread relevant information and outputs of the project to the maximum audience throughout the project's lifespan.

Eurobioref has planned a wide and effective dissemination of results as one of the strong components of the project and as one of the overall goals to be achieved.

Work package 10.2 objectives are:

- To ensure that the project's ambitions, activities and outputs are visible to a wide range of stakeholders;
- To define a communication and dissemination strategy to ensure the visibility of the EUROBIOREF project;
- To disseminate the generated knowledge to the scientific community;
- To create and maintain a public website containing a project and partner overview, a publication and presentation list, the public deliverables and audiovisual showcases as well as use it as a portal to current events of EUROBIOREF.

The objective is to conduct the relevant information and outputs of the project to the maximum audience inside and outside the EuroBioRef consortium.

The tasks of WP10.2 directly inputting into this dissemination report are *Task 10.2.1 Networking and organization of Eurobioref events, Task 10.2.3 Dissemination to scientific community, Task 10.2.4 Dissemination to industrial community and Task 10.2.5 Citizen Awareness*.

This report is to be updated on an annual basis. The purpose of the present document is to present the dissemination perspectives in detail, listing the activities carried out in year one of the project. The technical deliverable in Annex I compiles of:

1. Report on collaborations with European Networks and organizations of events (EUBIA);
2. Dissemination activities report the scientific community (DTI);
3. Dissemination Activities report to industrials (EUBIA).
4. Report concerning dissemination to the large public (EUBIA)

### *Brief description of the state of the art*

EuroBioRef continued the strategy to disseminate scientific results in Conferences and journals. EuroBioRef is targeting major events in the area of Biorefineries, not only in the research and development area, but also in the industrial area. EuroBioRef also continued to disseminate the general objectives and targets of the project through invited lectures at events magazine, articles, and interviews. A press conference was organized to disseminate new information after one year of the project in March 2011, with a press release published and disseminated at that time similar to the project launch press release. Dissemination activities also included promoting continued networking among the four sister biorefinery projects, Star-Colibri, Biocore, Supra-bio & EuroBioref.

The main highlights of the period 2 of the project in terms of dissemination were:

- 5 magazine articles were submitted by the project consortium and published in print media.
- 1 video recording was made of a general presentation given by the project coordinator.
- 1 film was produced by UCCS-CNRS entitled 'From Sun to Molecules; the biorefinery of the future', which was projected twice in public so far and is foreseen for wider dissemination in year 3 of the project.
- 1 Summer School was organized by the consortium which published the presentations and abstracts of the Summer School on the EuroBioRef public website [http://eurobioref.org/Summer\\_School/](http://eurobioref.org/Summer_School/)
- 55 presentations oral or poster format were carried out by the project consortium at scientific, academic and industry events, many presentations were given on the ongoing work of SP5 Advanced Catalytic Conversion of the project as well as SP6 Advanced Catalytic Thermochemical Conversion and also the main project aims in P10 Dissemination were continuously disseminated.

### **Analysis of the results**

It should be noted that many of the dissemination activities are relevant to academic, scientific and industrial communities. In terms of quantitative results, there have been several overall dissemination activities to the scientific community, industrial, academic and public in terms of poster presentations and oral contributions at various events throughout Europe and also internationally. There have been three manuscripts published in the scientific journals *Biofuels*, *Separation & Purification Technology*, *Industrial Engineering and Chemistry Research*.

A film was produced and partly financed by EuroBioRef and partly privately by UCCS-CNRS about the EuroBioRef project: This film has been projected officially at events twice by UCCS-CNRS and is expected for wider distribution during period 3 of the project.

To raise the visibility of the project, the EuroBioRef logo is continuously running of the project on the table of contents page of the *Public Service Magazine* until 2013 for the project duration and was published on the cover of *Public Service Magazine* for their March 2011 issue. In addition, 5 magazine articles have been written by the consortium coordinator UCCS-CNRS during period 2 of the project, the magazines in question are *Public Service*, *Projects*, *Going Public Magazine* and *Engineering News*.

### **Impact of the results**

A range of dissemination activities took place in the second year of the project, and are presented in details in Annex I. The project impact is that online there are now 20,000 search results on google containing 'EuroBioRef project.' The project has been presented not just in Europe but also in Malaysia, China, Singapore, USA and India.

### **Publishable information**

All the information related to this deliverable can be published ('PU').

### **Conclusion**

The project dissemination is progressing as expected. The project has been disseminated in both specialised fora in the scientific and industry domains, and also to the general public. The project consortium has been active in the dissemination to those communities that have led to recognition of the EuroBioRef's project work.

## **1 Report on collaborations with European Networks and organizations of events (EUBIA)**

Partners involved in this task are TUDO, CNRS-UCCS, CNRS-RENNES, EUBIA, DTI.

EUBIA participates in the Dissemination Discussion Group of the four sister biorefinery projects namely Star-Colibri, Biocore Suprabio and EuroBioRef. As part of this group the sister projects events are promoted to their network consortium and opportunities to promote the sister projects together are also sought after. EuroBioRef was presented at Star-Colibri's European Expert Forum Biorefineries, in April 12-13<sup>th</sup> 2011 Budapest, Hungary by UCCS-CNRS, and EUBIA took part in Star Colibri's final workshop entitled 'High Level Policy-Maker Conference on Biorefineries on 5<sup>th</sup> October 2011 in Brussels. The four projects published their individual logos and project description as part of a link to the European Expert Forum Biorefineries event on the 'EU Sustainable Energy Europe Campaign 2011' website <http://www.eusew.eu>. Following on from the project networking event of the sister projects in February 2011 a direct outcome was to support the Dechema Biorefinery event by presenting the sister projects at Dechema's future event as Dechema presented at project networking event. Dechema's event took place on February 12<sup>th</sup> 2012 and Supra –Bio, EuroBioRef & Bio-core all presented in a shared session entitled 'Joint research biorefinery concepts part I' of the Dechema conference 'Industrial Use of Renewable Raw Materials: Chemistry, Biotechnology, Process Engineering' [www.dechema.de/bioref2012](http://www.dechema.de/bioref2012). Presentations were also shared of the summer schools of both Biocore & EuroBioRef taking place respectively in August in Paris, and in September in Italy. The final conference proceedings of Star-Colibri's event were received by EUBIA and then distributed to EuroBioRef consortium. EUBIA has also received Star-Colibri's final publications in hard copy to distribute at EuroBioRef events. In addition, during year 2 EUBIA promoted to the sister projects the EuroBioRef 'Harvesting, pretreatment and storage of biomass for biorefineries' workshop organized by DTI which took place in Denmark during the Danish Plant Production Congress in January 2012. In addition, the four sister projects put forward an application for a stand at the European Commission's Innovation Convention 2011 which took place on December 5<sup>th</sup> 2011 in Brussels –the application however was not successful. A meeting took place on October 6<sup>th</sup> in Brussels of the dissemination discussion group agreeing to continue to promote events organized by the sister projects to share deliverables where possible and to promote publications of the projects.

Moreover, Information & Dissemination Updates were sent in year 2 by EUBIA to the EuroBioRef consortium informing partners of the upcoming FP7 relevant calls, alternative aviation fuel development regarding the Paris Air show 2011, the EU Commission events organized on alternative fuels in aviation on May 18<sup>th</sup> 2011 and September 18<sup>th</sup> 2012. An excel file of all upcoming biorefinery related events of interest to EuroBioRef. On Tuesday 13 December 2011, EUBIA & UCCS-CNRS attended the three EU-sponsored research projects SuperMethanol, Glyfinery and Propanergy final workshop on 'Innovative uses of glycerol from the biodiesel process' in Brussels to foster collaboration with those finalised projects and EUBIA circulated proceedings to the EuroBioRef consortium, proceedings were also circulated on the 4<sup>th</sup> annual Stakeholder Plenary Meeting of the European Biofuels Technology Platform that took place in Brussels on September 14<sup>th</sup>-15<sup>th</sup> 2011, the Workshop on Biofuels & Indirect Land Use Change in European Parliament, which took place on 25<sup>th</sup> January 2012 and the LCA Workshop on Algae which took place on February 9<sup>th</sup> in the European Commission.

## **2 Dissemination to the Scientific Community (DTI)**

Dissemination activities to the scientific community during period 2 were carried out focusing largely on the Sub-projects of EuroBioRef on catalysis but also in general on the projects scientific work on biorefineries. The main format of dissemination to the scientific community is submitting abstracts to scientific conferences, which are then selected for either oral or poster contribution. The project coordinator has also been invited to present EuroBioRef to various scientific fora. A significant contribution was also made by partners who presented posters and gave lectures at the EuroBioRef Summer School which ran from September 18-25 2011 in Lecce Italy. Dissemination Activities to the

Scientific Community were carried out by CERTH, UCCS-CNRS, FEUP, DTI, TUDO, CNRS-Lyon, CNRS-Rennes, Borregard & UWM during period 2 of the project. A list of the dissemination activities carried out to the scientific community are displayed in Table 1 below. To note that items that were submitted as abstracts to a conference but were not ultimately presented are not included in this table. In total 55 dissemination activities were made to the scientific and academic communities. In addition, as DTI is leading this task, an expert list with names of key-persons and e-mails at technical universities, R&D industries, and SMEs within the 27 member countries is continuously under preparation at DTI in order to disseminate EuroBioRef information during year 3 and year 4 of the project.

Type of Dissemination activity	EuroBioRef Partner	Details of Dissemination Activity	Date
1. Oral Presentation	CERTH	"Thermodynamic and experimental investigation of the effect of operating conditions on the catalytic thermochemical production of higher alcohols from 1biosyngas" presented at the 8th Panhellenic Chemical Engineering Conference, Thessaloniki, Greece	May 2011
2. Conference - Poster Presentation	UCCS CNRS	'1,1-dimethoxymethane and 1,1-diethoxyethane productions from bio-sourced alcohols over MoO <sub>3</sub> -Fe <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> catalyst' Poster Presentation for 19th European Biomass conference and exhibition, Berlin Germany	6-10 June 2011
3. Invited Seminar	Franck DUMEIGNIL UCCS/CNRS	"The Next Generation of Biorefineries & Catalysis" Invited Seminar at the Rheinisch-Westfälische Technische Hochschule ('RWTH') Aachen	28/06/2011
4. Conference- Oral Presentation	FEUP	Catalysis in Multiphase Reactors CAMURE-8 International Symposium on Multifunctional Reactors ISMR-7, Naantali (Finland)	May 22-25 2011
5. Invited Conference	Franck DUMEIGNIL UCCS/CNRS	"Les Biorefineries du Futur" (Conférence invitée) Des chimistes dans la société, Cité des sciences et de l'industrie de la Villette	31 May 2011
6. Invited Conference	Franck DUMEIGNIL UCCS/CNRS	Outline of the EuroBioRef Project', Chinese-French Symposium on Bioresources and CO <sub>2</sub> Valorisation, Fudan University, Shanghai	28 March 2011
7. Invited Conference	Franck DUMEIGNIL UCCS/CNRS	"Biomass, Catalysis & Next Gen Biorefineries" 4th Symposium of the French-Taiwanese Programme « Frontiers of Science », 'FTFoS', Nice (France) (2011)	June 13-15 2011
8. Conference – Poster Presentation	UCCS CNRS	'Highly efficient MoO <sub>3</sub> -Fe <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> catalyst' for the production of 1,1-dimethoxymethane and 1,1-diethoxyethane from bio-sourced alcohols' First International Congress on Catalysis for Biorefineries (CatBior), Torremolinos-Málaga,	October 2011
9. Conference – Poster Presentation	DTI	Tool for modeling cost, energy consumption and CO <sub>2</sub> -footprint for multiple biomass feedstock logistics into a bio-refinery, 19th European Biomass Conference and Exhibition, Berlin	10/06/2011
10. Conference- Oral Presentation	TUDO	1st International Conference on Ionic Liquids in Separation and Purification Technology	6/09/2011

11. Conference- Oral Presentation	TUDO	XIX International Solvent Extraction Conference	4/10/2011
12. Conference – Oral Presentation	Franck DUMEIGNIL UCCS/CNRS	“Bioraffinerie du Futur” Année Internationale de la Chimie, ‘Si on parlait Chimie!’, CERLA, Villeneuve d’Ascq (France) (2011).	5/03/2011
13. Conference – Paper Submission	Franck DUMEIGNIL UCCS/CNRS	‘Bioressources et Bioraffinerie de Demain’ Colloque Scientifique Interdisciplinaire de l’Institut Universitaire de France: « Les ressources », Lyon (France) (2011).	30/05/2011
14. Invited lecture	F. Dumeignil CNRS-UCCS	"Biofuels and Perspectives of Hydrotreating and Hydrocracking Technologies" 7th International Symposium on Hydrotreating / Hydrocracking Technologies, 242nd ACS National Meeting, Denver CO (USA) (2011).	August 28 - September 1 (2011)
15. Invited lecture	S. Paul, F. Dumeignil, CNRS-UCCS	"UCCS: Leader of the EuroBioRef Project, Leader of the WP3 of PIVERT; Competencies & Expectations" 4th British-French Workshop Platform molecules &	May 24-25 (2011)
16. Invited lecture paper submission	F. Dumeignil, CNRS-UCCS	‘Bioressources et Bioraffinerie de Demain’ Colloque Scientifique Interdisciplinaire de l’Institut Universitaire de France: « Les ressources », May 30-31, Lyon (France) (2011).	May 30 2011
17. Invited Conference	F. Dumeignil, CNRS-UCCS	"Biorefineries, Biofuels & Chemicals" (Invited Conference) 2nd International Conference on Green & Sustainable Chemistry, ‘ICGSC11’, November 13-	November 13-16 (2011)
18. Invited Conference	F. Dumeignil, CNRS-UCCS	"The Central Role of Catalysis in Next Generation Biorefineries" (Invited Lecture) National Meeting of the Italian Chemical Society, Lecce-Castro (Italie) (2011).	September 11-16 (2011)
19. Paper	K. Thavornprasert /UCCS CNRS	Paper Submission for Taminco Green Footsteps Awards and Event, Brussels Belgium	June 17, 2011
20. Summer School –Poster Presentation	K. Thavornprasert /UCCS CNRS	Eurobioref summer school, Italy, 2011.	September 2011
21. Conference – Poster Presentation	CERTH	"Synthesis of higher alcohols from syngas over K- promoted CuZnAl catalysts", Poster Presentation at EuropaCat X, Glasgow, Scotland	28 August - 2 Sept 2011
22. Conference – Poster Presentation	CNRS- IRCELYON	European Congress on Catalysis	28 August - 2 Sept 2011
23. Summer School –Poster Presentation	UCCS-CNRS	‘Supported Mo-based catalysts for the upgrading of biosyngas to MeSH,’ Eurobioref Summer School Italy	18/09/2011
24. Invited Seminar	Franck DUMEIGNIL UCCS/CNRS	“UCCS: Leader of the EuroBioRef Project; Competencies of the VAALBIO team” Invited Seminar at the National Chemical Laboratory (NCL), within the frame of the Associated International Laboratory NCL-UCCS, (India) (2011).	6/06/2011



25. Invited Conference	Franck DUMEIGNIL UCCS/CNRS	Franck Dumeignil. "Next Generation Biorefineries: Producing Chemicals & Fuels without any Waste" (Invited Conference) Environmental Biotechnology-2011 (WCEB-2011), October 19-22, Dalian (China) (2011).	19-22/10/2011
26. Conference-Poster Presentation	UCCS CNRS	A Green Chemistry for Industry (GCI) 2011 congress	December 12-14, 2011
27. Summer School - Lecture	Arkema	REFINERY OF THE FUTURE: FEEDSTOCK, PROCESSES, PRODUCTS, Summer school, Eurobioref, Italy	September 18-25 2011
28. Summer School- Poster Presentation	CNRS-IRCELYON	Characterization and development of catalysts for the synthesis of fatty nitriles at low temperature, Summer school, Eurobioref, Italy	September 18-25 2011
29. Summer School - Lecture	Borregaard	CONVERSION OF CELLULOSE, HEMICELLULOSE AND LIGNIN INTO PLATFORM MOLECULES: BIOTECHNOLOGICAL APPROACH, Summer School EuroBioRef	September 18-25 2011
30. Summer School - Lecture	Mariusz Stolarski/ UWM	Willow cultivation technology and biomass utilisation in Poland Summer School EuroBioRef -	September 18-25 2011
31. Summer School, Poster Presentation	FEUP	PermSMBR - A New Hybrid Technology: Application on a Green Fuel Production Summer School EuroBioRef	September 18-25 2011
32. Invited Conference	Franck DUMEIGNIL UCCS/CNRS	"Bioraffinerie & Catalyse du Futur" (Conférence invitée) Ecole Normale Supérieure de Paris, October 24, Paris (France) (2011).	24/10/2011
33. Invited Conference	Franck DUMEIGNIL UCCS/CNRS	"Activités de l'Equipe 'Valorisation des Alcanes et des Composés Issus de la Biomasse' de l'UCCS" Séminaire invité au Laboratoire de Réactivité de Surface, UMR CNRS 7197, 24 Octobre, Ivry (France) (2011)	24/10/2011
34. Invited Conference	Franck DUMEIGNIL UCCS/CNRS	"Biomass, Chemistry and Next Generation Biorefineries" (Invited Conference) Shennong Forum, October 28 - November 2, University of Forestry, Dalian (China) (2011).	1/11/2011
35. Invited Conference	Franck DUMEIGNIL UCCS/CNRS	"Biomass, Chemistry and Next Generation Biorefineries" (Invited Conference) Shennong Forum, October 28 - November 2, University of Nanda, Dalian (China) (2011).	1/11/2011
36. Conference-Oral Presentation	Anne-Belinda Bjerre, DTI	Chemicals from biomass for future materials and energy, 19th European Biomass Conference and Exhibition, Berlin	10/06/2011
37. Summer School -Poster Presentation	UCCS-CNRS	Studies on structural, textural and acid-base properties of Ca and Sr hydroxyapatites modified with alkali metal/CO <sub>3</sub> <sup>2-</sup> species Eurobioref summer school, Italy, 2011	September 18-25 2011

38. Summer School –Poster Presentation	CERTH	Synthesis of higher alcohols from syngas over K-promoted CuZnAl catalysts, Poster Presentation at EuroBioRef Summer School 2011, Lecce, Italy	18 - 24 September 2011
39. Conference-Oral Presentation	CERTH	"Investigation of Cu/X/Al and Cu/Zn/X (X=Cr, Mn) mixed oxides for alcohol synthesis from biosyngas", 21st Panhellenic Chemistry Conference, Thessaloniki, Greece	9 - 12 December 2011
40. Summer School –Oral Presentation	UCCS-CNRS	"Concept of Biorefinery comes into operation: The Eurobioref project" EuroBioRef Summer School	18-25 September 2011
41. Master Course	UCCS-CNRS	Franck Dumeignil 'La catalyse au cœur des bioraffineries du futur' 20h of lecture in the master 'CEE' (Chemistry Energy Environment). 16h by Franck Dumeignil, 4h by Andréi Khodakov	September-December 2011
42. Master Course	UCCS-CNRS	Franck Dumeignil 'Impact des carburants Bilan environnemental des différentes filières énergétiques pour les applications mobiles, amélioration des carburants et biocarburants	September-December 2011
43. Lecture at University	Franck DUMEIGNIL UCCS/CNRS	Within the 'Eco-conception : une démarche responsable' course: 'Biomasse, Bioraffineries & Catalyse', Ecole Centrale de Lille, 2nd year students, Villeneuve d'Ascq	8th March 2011
44. EuroBioRef Film Projection and debate	Franck DUMEIGNIL UCCS/CNRS	From Sun to Molecules, the Biorefinery of the Future,' CNRS Headquarters, Paris	23 January 2012

**Table 1: List of Dissemination Activities to the Scientific Community**

In addition, three articles have been submitted and accepted in year 2 of the project for publication in a scientific journal for peer review carried out by UCCS-CNRS, TUDO & FEUP.

Details of Author	Journal	Volume	Publisher	Date
1. Kaew-arpha Thavornprasert, UCCS-CNRS; Béatrice de la Goublaye de Ménorval, Mickaël Capron, Julien Gornay, Louise Jalowiecki-Duhamel, Xavier Sécordel, Sylvain Cristol, Jean-Luc Dubois, and Franck Dumeignil	Biofuels	Vol. 3, No. 1	Future Science Group	January 2012
2. Sebastian Heitmann, Technische Universität Dortmund Fakultät Bio- und Chemieingenieurwesen Lehrstuhl für Fluidverfahrenstechnik, Dortmund, Germany	Separation and Purification Technology	in Press Online	Elsevier	Available online 9th January

3. Carla S.M. Pereira, Viviana M.T.M. Silva and Alírio E. Rodrigues Laboratory of Separation and Reaction Engineering (LSRE), Associate Laboratory LSRE/LCM, Department of Chemical Engineering, Faculty of Engineering, University of Porto, Rua Dr. Roberto Frias s/n, 4200-465 Porto, Portugal	Industrial Engineering and Chemistry Research Journal	In Press Online	ACS Publications	November 22, 2011 Available Online
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Table 2: List of Scientific Journal Articles

### 3 Dissemination to the Industrial Community (EUBIA)

UCCS-CNRS, CIRCC, Borregard, CRES all contributed to this task during year 2. It should be noted that there is a cross over between some activities that could be related to both scientific community and industrial community. The following list of events can be described as also pertaining to the industrial community but for the purpose of this report were placed solely in presentations given to the scientific community.

- Panhellenic Chemical Engineering Conference, Greece, May 2011
- 19<sup>th</sup> European Biomass Conference & Exhibition, Germany, June 2011
- Europcat X, UK, August 2011
- Chinese French Symposium on Bioresources & CO<sub>2</sub>, China, March 2011
- 4<sup>th</sup> Symposium of the French-Tawainese Programme, France, June 2011
- 7<sup>th</sup> International Symposium and Hydrotreating/Hydrocracking Technologies, USA, August 2011
- 4<sup>th</sup> British French Workshop Platform molecules & Green Chemistry, UK, May 2011
- 2<sup>nd</sup> International Conference & Green and Sustainable Chemistry, Singapore November 2011
- National Meeting of the Italian Chemical Society, September 2011
- Environmental Biotechnology, China, October 2011
- A Green Chemistry for Industry, France, December 2011

The above listed events with EuroBioRef presentations should thus be seen as also activities to communicate with both communities. Those that had a more scientific component were placed in the dissemination activities to scientific community and those with a more industry component placed in activities related to the industrial community. A dissemination activity to the industrial community was the press release updating on year 1 of the project distributed by partners in March 2011. UCCS-CNRS has also published general EuroBioRef information to various magazines and online portals with a direct impact on the industrial community. In the table 3 event presentations that disseminated EuroBioRef's work to industry as well as policy-makers and in table 4 media targeted activities to the industrial community listed. In total 16 activities have been carried out by the EuroBioRef consortium that have disseminated results and ongoing work to industry.

Type of Dissemination activity	Eurobioref Partner	Details of Dissemination Activity	Date
1. Invited Lecture	Franck DUMEIGNIL UCCS/CNRS	"Outline of the EuroBioRef Project" European Expert Forum on Biorefineries, Star Colibri Project, April 12-13, Budapest (Hungary) (2011).	13/04/2011
2. Conference Presentation	Franck DUMEIGNIL UCCS/CNRS	"Biomasse, Chimie et Bioraffineries du Futur" (Invited Conference) Shennong Forum, October 28 - November 2,	31/10/2011

3. Conference Presentation	Franck DUMEIGNIL UCCS/CNRS	"Next Generation Biorefineries: The EuroBioRef Concept" (Invited Lecture) DECHEMA biannual conference on Industrial Use of Renewable Resources (original title in German: Industrielle Nutzung nachwachsender Rohstoffe - Chemie, Biotechnologie, Verfahrenstechnik), February 14-15, Frankfurt (Germany) (2011)	14/02/2012
4. Conference Presentation	M. Lersch/Borregard	Biorefinery at Borregard -Recent Developments: Second International Conference on Lignocellulosic Ethanol, Verona, Italy	11-13 October 2011
5. Conference Presentation	Mariusz Stolarski/University of Warmia and Mazury in Olsztyn	Lignocellulosic biomass production and deliver for biorefineries Planetkongres 2012 - EuroBioRef Workshop	10- 12.01.2012
6. Conference Presentation	M. Christou, E. Alexopoulou /CRES	Oil crops production and delivery for biorefineries Plantekongres 2012- EuroBioRef Workshop	10- 12.01.2012
7. Conference Presentation	Klaus Neumann/Borregard	Biorefinery at Borregard -Recent Developments: DECHEMA biannual conference on Industrial Use of Renewable Resource	14th February 2012

**Table 3: List of Dissemination Activities to the Industrial Community**

In table 4, below media, press and web items disseminated to the industrial community are listed. UCCS-CNRS, & Alma have contributed to this task. A number of key media activities listed below can also be seen as pertaining to the general public and academic and scientific communities.

Type of Dissemination activity	EuroBioRef Partner	Details of Dissemination Activity	Date
8. Article in Magazine	Franck DUMEIGNIL UCCS/CNRS	"The Next Generation of Biorefineries", Public Service	March 2011
9. Editorial in Magazine	Franck DUMEIGNIL UCCS/CNRS	"Hailing the hybrid – Professor Franck Dumeignil, EuroBioref Coordinator at the Université Lille Nord de France turns the spotlight onto a new golden age of catalysis...", Public Service	Published September 2011
10. Article in Magazine	Franck DUMEIGNIL UCCS/CNRS	Breathing into European Biomass, 'Projects' Magazine	February 2012
11. Article in Magazine	F. Dumeignil CNRS-UCCS	"White Biotech or Industrial Biotech". GoingPublic Magazin, Supplement White Biotechnology 2011, n°2, p16-19, March 2011.	Published in March 2011
12. Press Release	A.Soton/ALMA	Press Release Year 1 Eurobioref Consortium	17/03/2011
13. Interview followed by an article	Franck DUMEIGNIL UCCS/CNRS	Interview of coordinator taken as a base to produce a web article on the website of 'Engineering News' 'Synfuels production shifting from petroleum to biomass'	21/10/2011

14. Interview	Franck DUMEIGNIL UCCS/CNRS	Going Public, "Industrial Biotechnology" Special issue March 2012	In February 2012
15. Magazine Cover	Franck DUMEIGNIL UCCS/CNRS	EuroBioRef Logo on the cover of the Public Service Magazine	Planned March 2011
16. Magazine Contents page	Franck DUMEIGNIL UCCS/CNRS	EuroBioRef Logo on the contents table of the 'Public Service' magazine	Issues 2010-2013

Table 4: Media & Press Related Activities for Dissemination to the Industrial Community

#### 4 Dissemination to the General Public

Activities in year 2 have been carried out by CNRS-UCCS. Magazine article contributions as outlined in Table 4 can also be considered as informing the public about the EuroBioRef's progress. A film was developed by CNRS which serves also for wider dissemination of the project objectives. The project was also disseminated at the 'Festival of Science 2011' of Lille and also a 'Fair for Further Education & Research 2011' in Lille. In addition the project was disseminated to events which have also a large public representation namely the 'Open Days of the Committee of the Region's and 'Green Week of the European Commission in 2011'. UCCS-CNRS presented to 2nd year students of the 'Eco-conception: une démarche responsable' course on 'Biomass, Biorefineries & Catalysss', at the Ecole Centrale de Lille which can be seen as dissemination to the public as well this is outlined in dissemination to the scientific community. A dedicated webpage of the EuroBioRef Summer School is accessible at [http://eurobioref.org/Summer\\_School/](http://eurobioref.org/Summer_School/). 1 video was also made of the coordinator giving a presentation of the outline of the EuroBioRef project which is downloadable on the project Website. Those items listed below in table 6 have not been listed elsewhere in this report.

Type of Dissemination activity	EuroBioRef Partner	Details of Dissemination Activity	Date
1. Lecture in the frame of ERASMUS/SOCRATES Staff Mobility	Thomas CHENAL UCCS/CNRS	"Química Sostenible" Escuela Universitaria de Ingenieros Tecnico e Industrial de Terrassa Universidad Politécnica de Cataluña TERRASSA (BARCELONA) SPAIN	14-18/03/2011
2. Demonstration Stand / Poster in Special Public Event	UCCS-CNRS	Public Event 'FÊTE DE LA SCIENCE 2011- Village des Sciences de la métropole Lilloise', Lille France, Stand 5 : Chimie durable, du Végétal et chimie verte ou « de l'or noir à l'or vert »	13-16/10/11
3. FILM Production	CNRS	Molecules from Sunshine: The Refinery of the Future, Copyright CNRS Images 2011, Directed by Marcel Dalaise, CNRS	Open diffusion
4. FILM Projection	UCCS-CNRS	Lille Grand Palais, 'Salon des formations supérieures et de la recherche' EuroBioRef Film Projection on a booth in order to attract students to become professionnals of this sector	19/11/2011

5. Conference Presentation	Michele Aresta, CIRCC	Outline of the EuroBioRef Project, Green Week 2011, Brussels	26/05/2011
6. Conference Presentation	Franck DUMEIGNIL UCCS/CNRS	"Biorefineries & Biofuels in the EU – Perspectives and Hurdles" (Invited Conference) Open Days, 9th European Week of Regions and Cities, October 10-13, Brussels (Belgium) (2011).	5/10/2011
7. EuroBioRef Summer School Webpage	CIRCC/UCCS/CNRS	EuroBioRef Summer School and Abstracts and Powerpoint presentations are available online on a dedicated webpage of the EuroBioRef website	September 18-25 2011
8. Video	F. Dumeignil, CNRS- UCCS	'Bioressources et Bioraffinerie de Demain' Colloque Scientifique Interdisciplinaire de l'Institut Universitaire de France: « Les ressources », May 30-31, Lyon (France) (2011).	May 30 2011

Table 5: List of Activities Disseminated to Public