



Workshop 1: How a pilot line speeds up the innovation track

Case study: Fermentative production of biosurfactants and use as nanomaterial or biopolymer

Date: 22 September 2014, 9am – 5.30pm

Venue: Bio Base Europe Pilot Plant, Rodenhuiszekaai 1
9042 Ghent (Destelbergen), Belgium



Selected by
the **European
Commission**
as a mKPL
Demonstrator

mKETs ★ Pilot lines

www.mKPL.eu

AIM OF THE WORKSHOP

In the frame of the mKETs Pilot Lines project, BBEPP organises two workshops. The aim of these workshops is to show research, industry and policy makers how Bio Base Europe Pilot Plant is organized and what it has to offer, how collaborations between stakeholders can be optimized and which support mechanisms are required for a pilot line.

The workshops will give **insight into the business model and the daily operations of BBEPP. A specific process** (case study) addressing the KETs Industrial Biotechnology, Nanomaterials and/or Advanced Materials **will be demonstrated** in the process halls and **SME's** which cooperated with BBEPP for their development and innovation track **will testify**. The workshops will create network opportunities for SME's, industry, research, policy makers and other stakeholders.

The mKETs Pilot Lines project made a thorough analysis of the ecosystem and best-practices of the selected pilot lines as well as the hurdles they encounter[ed] and gathered this information in a **tutorial**. The **5 major conclusions** resulting from this assessment **will be challenged and discussed during the workshop**. The tutorial will be a useful tool for innovative enterprises and will foster a common understanding and consensus for future actions in Europe focusing on multi-KETs pilot lines.

SCOPE OF THE PROJECT:

In 2009, Europe defined six **Key Enabling Technologies or KETs**: Industrial Biotechnology, Nanotechnology, Nano- and Microelectronics, Photonics, Advanced Materials and Advanced Manufacturing. Key Enabling Technologies are considered to directly or indirectly **stimulate Europe's competitiveness and generate jobs, growth and wealth**. Europe invests in these technologies to enable the shift to a low carbon, knowledge-based economy.

Europe selected four leading multi-KET pilot facilities. Multi-KET Pilot Lines combine several KETs under one roof. **Bio Base Europe Pilot Plant is a European front runner in terms of industrial biotechnology and was selected as Demonstrator Pilot Line for this KET**. The project will analyse the ecosystem and experiences of the selected pilot lines and gather this information in a tutorial useful for innovative enterprises and policy makers.

This project aims at the preparation of a common understanding of what these pilot lines are and how they can be supported by the European Commission.



This project is funded
by the Directorate-General
for Enterprise and Industry
of the European Commission



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22 September 2014 | BBEPP, Ghent Belgium

PROGRAM

9.00 – 9.30	Registration and Coffee	12.45 – 13.45	Lunch
9.30 – 9.40	Welcome and Introduction Prof. Wim Soetaert , Managing Director, Bio Base Europe Pilot Plant, BE	13.45 – 14.30	Demonstration of the processes in the pilot plant facilities
9.40 – 10.15	Multi-KETs Pilot Lines: Retaining value in Europe. Mr. David Holden , Cooperative Programs Manager, CEA, FR	14.30 – 15.30	Success story of an SME that partnered BBEPP during its research and innovation track Dr. Thomas Henkel , Managing Director, IMD Natural Solutions, DE
10.15 – 10.40	General presentation of Bio Base Europe Pilot Plant Prof. Wim Soetaert , Managing Director, Bio Base Europe Pilot Plant, BE	15.30 – 16.30	Panel discussion: Challenging the 5 major conclusions resulting from the assessment of the BBEPP ecosystem Mr. Dirk Carré , Consultant, Clever Consult, BE Mr. Gavino Murgia , Deputy Head of Unit, DG Enterprise & Industry, European Commission Dr. Thomas Henkel , Managing Director, IMD Natural Solutions, DE Dr. Hendrik Waegeman , Business Development Manager, BBEPP, BE
10.40 – 11.15	Working with BBEPP: What with IP, confidentiality, contracts, reporting...? Mrs. Muriel Dewilde , Business Development Manager, Bio Base Europe Pilot Plant, BE		
11.15 – 11.35	Coffee break		
11.35 – 12.10	An academic perspective on why piloting is crucial to bring an innovation to the market. Case study: Scale-up and DEMO of fermentative biosurfactant production Dr. Inge Van Bogaert , Ghent University, BE Mrs. Helena Moens , Project Engineer, Bio Base Europe Pilot Plant, BE	16.30 – 17.30	Networking drink
12.10 – 12.45	Use of biosurfactants as nanomaterial or biopolymer Dr. Niki Baccile , Université Pierre et Marie Curie, FR		

[Partial] Reimbursement of travel expenses

To ensure the workshop is accessible for a large and diverse international public, travel expenses of the participants attending the workshop can, under certain conditions, be [partially] reimbursed. If you wish to apply for reimbursement, please complete the application form attached and send it to Ruth.Oltenfreiter@bbeu.org.

We will inform you as soon as possible if you are eligible for reimbursement and which amount we can reimburse.

Workshop 2: How a pilot line speeds up the innovation track

Case Study: Topic to be confirmed
Date: 30 October 2014, 9am – 5.30pm
Venue: Bio Base Europe Pilot Plant

INFORMATION AND REGISTRATION:

Mrs. Ruth Oltenfreiter, Project Manager:
+32 9 335 70 01 or Ruth.Oltenfreiter@bbeu.org.

www.bbeu.org/mkets-pilot-lines



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Reimbursement of Travel Expenses Application form

Contact details:	
Name:	
First Name:	
Title:	
Affiliation/Company/institute:	
Address of Company/Institute:	
Tel:	
Email:	

Estimated travel cost:	
Flight/Train/Car [delete as appropriate]:	
Hotel [only, if strictly necessary]:	

Motivation for your application:
Why would you like to attend the workshop?
Why would you like to receive a reimbursement for your travel costs?

Complete this form and send it to
Ruth.Oltentreiter@bbeu.org.



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