



## **Press Release – 5 June 2013**

Bio Base Europe Pilot Plant (Ghent, Belgium) and Toulouse White Biotechnology (Toulouse, France)



### **A new strategic partnership between Bio Base Europe Pilot Plant and Toulouse White Biotechnology offers a seamless integration of pre-industrial developments in Industrial Biotechnology, and their demonstration at industrial scale.**

Bio Base Europe Pilot Plant (BBEPP) and Toulouse White Biotech (TWB) today announced their strategic partnership in industrial biotechnology. The unique offer for development and scale-up of biobased processes by the Bio Base Europe Pilot Plant now complements the creation and design of biological tools for sustainable industrial processes by Toulouse White Biotech.

TWB is internationally acknowledged for its level of expertise in the fields of biocatalysis, microbial physiology, microbiological engineering and environmental processes, while Bio Base Europe Pilot Plant has proven capabilities in scale-up of lab-proven bio-based technologies and custom manufacturing of new bio-based products. From today on, breakthrough developments discovered at TWB can be scaled up to industrial process scale at Bio Base Europe Pilot Plant. The strategic partnership offers joint strategy development and a smooth technology transfer from pre-industrial to industrial phase.

Bio Base Europe Pilot Plant and Toulouse White Biotech already work together in the frame of an INTERREG North West Europe project called Bio Base NWE, with the aim of joining their networks. This collaboration is now deepened by the strategic partnership.

Bio Base NWE ([www.BioBaseNWE.org](http://www.BioBaseNWE.org)) supports SME's investing in innovation for the biobased economy by offering them advice as well as financial, networking and training support.

**Toulouse White Biotech (TWB)** is a national and international centre of excellence in the field of industrial biotechnology, supported by the French research organizations INRA, CNRS and INSA. TWB's activity focuses on the design and creation of biological tools (enzymes, micro-organisms, microbial and enzyme consortia), which will be implemented at the very heart of profitable, state-of-the-art industrial processes. These processes pave the way for sustainable production pathways for manufacturing chemical, energy, domestic and food commodities, which all have a common renewable matter source: biomass. ([www.toulouse-white-biotechnology.com](http://www.toulouse-white-biotechnology.com))

**The Bio Base Europe Pilot Plant** is an independent, flexible and diversified pilot plant for biobased products and processes based in Ghent, Belgium. It offers support in development, optimization and scale-up of new bioprocesses, and custom manufacturing of biobased products at a kilogram to multi ton scale. The pilot plant is fully equipped to execute every aspect of the bioprocess on a single location: from the biomass up to the final bioproduct. It has state of the art equipment to perform biorefining operations, fermentation, bioconversion, green chemistry and up- and downstream processing for product recovery and purification. ([www.bbeu.org](http://www.bbeu.org))

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