



## **METabolic EXplorer announces validation of PDO production process book**

**Clermont-Ferrand, July 15<sup>th</sup>, 2010.** METabolic Explorer, a green chemistry company that specializes in bioprocesses for the production of chemical compounds used in a wide range of everyday products (paints, solvents, animal feed supplements, adhesives, textile fibres, plastics, etc.), today announced that its PDO production process book had been validated.

After an industrial pilot phase lasting almost two years and during which over one metric ton of sample product was manufactured, METabolic EXplorer now has a proven, validated PDO production process based on vegetable glycerol. Although there is already a high-growth global market for PDO, demand currently considerably outstrips supply.

The process book is the guide which defines the full set of data, parameters and equipment required for industrial-scale manufacturing. It sets out the investments required and production costs of a plant capable of manufacturing several tens of thousands of tons of end-product each year.

Olivier Nore, Vice President Industrialization, said: *"After amply demonstrating our production capacity, METabolic EXplorer now has an accepted turnkey technology applicable worldwide for manufacturing PDO and meeting fast-growing supply needs."*

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About METabolic EXplorer - [www.metabolic-explorer.com](http://www.metabolic-explorer.com)

METabolic EXplorer is a biological chemistry company which was incorporated in 1999. Its goal is to help industrial businesses deal with the heralded "end of oil", so that they can continue to manufacture but in a sustainable way.

Based on the tried and tested principle of industrial fermentation, METabolic Explorer's solutions circumvent the problems posed by today's burdensome and expensive petrochemical processes via the use of a wide range of renewable, sustainable raw materials. By optimizing the metabolic yield of non-pathogenic bacteria in a contained, controlled environment, the company facilitates the production of chemical compounds used in a wide range of everyday goods (paints, solvents, adhesives and textile fibres) and industrial products (such as surgical thread and animal feed).

METabolic EXplorer is currently focusing its alternative biological solutions (implemented by the development of renewable, fermentation-based bioprocesses) on the production of five compounds that together have an estimated, annual, end-market value of €11 billion. The company's strategy will be implemented worldwide in two ways: either via limited-exclusivity industrial partnerships, or via the creation of manufacturing facilities at METabolic EXplorer's own initiative.

METabolic Explorer, based in Clermont-Ferrand, France, is listed on EURONEXT PARIS (EURONEXT C, METEX) and features in the SBF 250 and CAC Small 90 indexes.

*Get free financial information on METabolic EXplorer by registering with  
[www.metabolic-explorer.com](http://www.metabolic-explorer.com) or [www.actus-finance.com](http://www.actus-finance.com).*

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