

GLOBAL BIOENERGIES is awarded a new funding from the French innovation agency OSEO to finance the industrialization of its bio-isobutene process

Evry, France. July 5th, 2011 - One month after its successful IPO, Global Bioenergies (FR0011052257 - NYSE Alternext : ALGBE), located in the Genopole technology park in Evry, South of Paris, today announces the receipt of a €475K funding from the French innovation agency OSEO. The funds will be used to start the industrialization of the company's process to convert renewable resources into isobutene, a gas which can be converted into liquid fuels and various polymers. This funding reinforces the financial support Global Bioenergies had already received in the past from OSEO, the principal state agency to finance innovation programs.

The process developed by Global Bioenergies allows the conversion of plant resources such as cane or beet sugar, crop-derived starch or agricultural and forestry lignocellulosic waste (e.g. straw) into isobutene, one of the key building blocks of the petrochemical industry.

Global Bioenergies was already awarded an OSEO funding of €760K in 2009 to support an earlier development phase of the isobutene process. Today, Global Bioenergies receives an additional €475K refundable advance (upon success of the program) which will contribute to finance the first step of the industrialization phase of the process.

Marc Delcourt, CEO of the company, states: *"This new funding has been obtained following an in-depth review carried out by a recognized industrial biology expert mandated by OSEO. The examination covered our past and future scientific approach, each technical milestone planned in the development, the intellectual property strategy and the commercial potential of the process. Receiving this new support validates the results obtained with our prototype and further strengthens our confidence in the options chosen for the next phase, dedicated to industrializing the process."*

The process involves the spontaneous volatilization of gaseous isobutene from the fermentation broth, thereby avoiding two major drawbacks of other fermentation technologies - the accumulation of products in the medium up to concentrations toxic for the production microorganism, and the high energy requirement associated with downstream extraction processes (e.g. distillation). Those advantages will positively impact the economic and environmental balance as compared to existing processes leading to the production of liquid fermentation products.

Using well-proven, inexpensive chemical processes, the gaseous isobutene can then be easily converted into fuels (gasoline, jet-fuel, Diesel) as well as into various polymers (tires, organic glass, various plastics).

About Global Bioenergies

Founded in 2008 by Marc Delcourt and Philippe Marlière at Genopole (Evry, France), Global Bioenergies is one of the few companies worldwide and the only one in Europe developing a process to convert renewable resources into hydrocarbons through fermentation. Ahead of its schedule, the company has successfully achieved the first steps of the development of its process to convert plant resources into isobutene: proof of concept, strain construction, laboratory prototype. Isobutene is one of the most important petrochemical building blocks and can be converted into fuels, plastics, organic glass and elastomers. Global Bioenergies continues to improve the yield of its process and is about to perform pilot tests. In parallel, the company intends to replicate this success to the other members of the gaseous alkene family (propylene, ethylene, linear butylene...), key molecules of the petrochemical industry which are currently derived exclusively from fossil oil.

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