

BIO-ISOBUTENE PROCESS HITS 70% OF COMMERCIAL YIELD

Evry (France) – 29 July, 2015 – Global Bioenergies (Alternext Paris: ALGBE) announces that its Bio-Isobutene process has reached 70% of the commercial yield at R&D scale. The targeted commercial yield is 3.84 tons of low-cost, industrial-grade sugar for 1 ton of high-purity high-value bio-isobutene.

Romain Chayot, head of the metabolic engineering department, comments: “This is a huge milestone. Yield was our priority, and we have been working hard to reach these performances on time. Now, while keeping on increasing this yield, we will intensify our efforts aiming at accelerating the process flux, using first and second generation sugars.”

Marc Delcourt, CEO of Global Bioenergies, adds: “We should approach commercial performances at demo plant scale by mid-2017, which will allow us to launch the construction of the first bio-isobutene commercial plant (‘IBN-One’). Our recent results augur well for the observance of the timetable.”

Philippe Marlière, co-founder of Global Bioenergies and President of its Scientific Advisory Board, concludes: “When Global Bioenergies started its operations in 2008, the Bio-Isobutene process was at the stage of validating experimentally a theoretical bet: assembling a completely new metabolic pathway. Day after day, this process embodied through synthetic biology takes root, step by step, into an industrial reality. It will bring a crucial technology in due time to facilitate the energy transition.”

About GLOBAL BIOENERGIES

Global Bioenergies is one of the few companies worldwide, and the only one in Europe, that is developing a process to convert renewable resources into hydrocarbons through fermentation. The Company initially focused its efforts on the production of isobutene, one of the most important petrochemical building blocks that can be converted into fuels, plastics, organic glass and elastomers. Global Bioenergies continues to improve the performances of its process, operates its industrial pilot, has begun the construction of its demo plant in Germany, and prepares the first full-scale plant through a Joint-Venture with Cristal Union, named IBN-One. The company also replicated its achievement to propylene and butadiene, two members of the gaseous olefins family, key molecules at the heart of petrochemical industry. Global Bioenergies is listed on Alternext, Euronext Paris (FR0011052257 – ALGBE).

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