

GLOBAL BIOENERGIES: Scale up of the Isobutene process has been demonstrated

Evry (France), 10 May, 2016 – Global Bioenergies (Alternext Paris: ALGBE) announces that the performance obtained in 2015 at laboratory scale has now been successfully reproduced in the pilot unit installed in Pomacle-Bazancourt (eastern France).

During the last fermentation-trial series, up to 74% of commercial target yield has been achieved. In addition, a high yield (higher than 65% of target) was maintained over several days. Strong robustness of the process is a key parameter for exploitation at larger scale.

Global Bioenergies' Isobutene process is the first-of-a-kind technology to directly produce a gas by fermentation. These results factually demonstrate that the process scales up very well at this stage. The demo plant, presently under construction in Germany, will allow running the technology at ton scale within months.

Marc Delcourt, co-founder and CEO of Global Bioenergies, concludes: "While our technology comes closer to commercial performances, the oil market is now swinging back. Innovative solutions to produce fuels and materials are more necessary today than ever. Global Bioenergies is getting prepared to play an important role in the transition of the energy and chemistry worlds toward technologies more friendly to the environment."

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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