

## GLOBAL BIOENERGIES and LANZATECH strengthen cooperation

**Evry (France) and Chicago (United States), 11 January, 2016 - Global Bioenergies (Alternext Paris: ALGBE) and LanzaTech announce the signature of a new collaboration agreement to broaden the feedstock flexibility of Global Bioenergies' Isobutene process and the product-portfolio of LanzaTech's carbon capture technology.**

Global Bioenergies has developed a process in which a microorganism can produce isobutene from renewable feedstock. Whereas the company's primary focus has historically been to use industrial-grade or waste-derived sugars as feedstocks, the technological maturity of the process now allows us to envision a broader range of feedstocks, including non-biomass-derived sources of carbon.

LanzaTech's carbon recycling technology enables the bio-based transformation of industrial wastes, such as carbon monoxide and/or carbon dioxide and hydrogen, into valuable commodities. Waste gases from the chemistry of steel making, for example, can be captured and recycled into biofuels or chemicals such as acetone and others. LanzaTech is currently building its first commercial facilities, which will produce ethanol from waste steel mill gases. These ethanol facilities will be able to change production to chemicals if desired through application of LanzaTech's novel microorganisms.

The two companies entered into a collaboration agreement in 2011, with the goal to synergize their technologies, and build microbial strains capable of converting non-sugar feedstock into isobutene. Based on the results obtained during these four years, the two companies have now entered a new collaboration agreement in order to both intensify this cooperation and to develop, an integrated process.

Marc Delcourt, CEO at Global Bioenergies, states: "The diversification of feedstocks will leverage the technology of Global Bioenergies, and will be an important asset for the massive deployment of our technology on the mid-term."

Jennifer Holmgren, CEO of LanzaTech, states: "The expansion of our synthetic biology portfolio has shown gas fermenting microbes to have the same capabilities as sugar fermenting organisms. We are now able to produce a variety of chemicals from a broad array of gas feedstocks, driving both economic and environmental benefits. »

### About LanzaTech

LanzaTech's proprietary gas fermentation technology provides an economic route to fuels and high-value chemicals by recycling waste carbon streams. LanzaTech's solutions mitigate carbon emissions while displacing fossil resources needed for fuel and chemical production. Founded in New Zealand, LanzaTech has raised more than US\$200 million from investors including Khosla Ventures, K1W1, Qiming Venture Partners, Malaysian Life Sciences Capital Fund, Petronas, Mitsui, Primetals, China International Capital Corp, Suncor and the New Zealand Superannuation Fund.

**For more information about LanzaTech please visit: <http://www.lanzatech.com>**

### 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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