



a cheaper, cleaner & more sustainable future

Biofuels for transportation are attractive replacements for gasoline and rapidly penetrating fuel markets as low concentration blends. Biofuels, derived from natural plant sources, are completely renewable. In addition, they are environmentally friendly (reduced CO₂ emissions), reduce our dependence on finite fossil fuels and help revitalise rural economies.

GBL is committed to driving down the cost of biofuels through implementation of advanced proprietary fermentation technologies.

Our technologies not only reduce processing costs through increased productivity but also reduce feedstock costs through the implementation of agricultural waste and dedicated energy crops.



Founded in 2003, GBL is an industrial biotechnology company based in Oxfordshire aiming to become the world's leading supplier of advanced fermentation technologies for conversion of plant biomass to renewable fuels and chemicals.

GBL has identified biobutanol as a superior "next generation" biofuel. Butanol is a liquid fuel that can be readily integrated into the existing fuel infrastructure, it has a high energy yield, low vapour pressure and can easily be stored, handled and transported via pipelines.

We aim to re-commercialise the fermentation route for butanol by leveraging our expertise in microbial strain and fermentation process development. Our target is a two-three fold reduction in cost resulting in a step change in the economic viability of the fermentation process.

Our **Butafuel™** product, based on butanol, will be an advanced liquid biofuel for transportation offering a more sustainable and environmentally future.

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