

Project Number: 640462

Start date of the project (duration): 1st May 2015 (36 months)



BUTANEX^T
Next Generation **Biobutanol**

D3.2

High yielding butanol strain (>0.25g butanol/g sugar) on cellulosic sugar

Organisation name of lead contractor: GBL

Other organisations involved: GBL

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Dissemination Level: CO (Confidential, only for members of the consortium, including the Commission Services)

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1. Publishable Executive Summary

In work package 3, Green Biologics Ltd. (GBL) aimed to improve fermentation performance by making and using next generation microorganisms that have an increased tolerance to feedstock derived inhibitors. GBL has developed and performed a continuous “feed and draw” method to naturally select robust fermentation microbes under a variety of growth conditions.

GBL have demonstrated at lab scale at least two sequential batch reactor (SBR) derived mixed cultures that are capable of better performance on inhibitory feedstocks than our current production strain.

Work package 3 is on track with the completion of quarter 4 deliverables.

This is a summary of a longer report which is confidential. Additional information can be requested from the responsible partner Green Biologics (ButaNexT@greenbiologics.com), or by contacting info@butanext.eu.

