

Knowledge Transfer Partnerships

Adding value to food co-products





Presented by:

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General outline

- Introduction; Who we are?
- The company and waste food management
- The Future; Case study
- Added value to glycerin
- Conclusions







Introduction

Brocklesby/ Double Green

Blend for Success



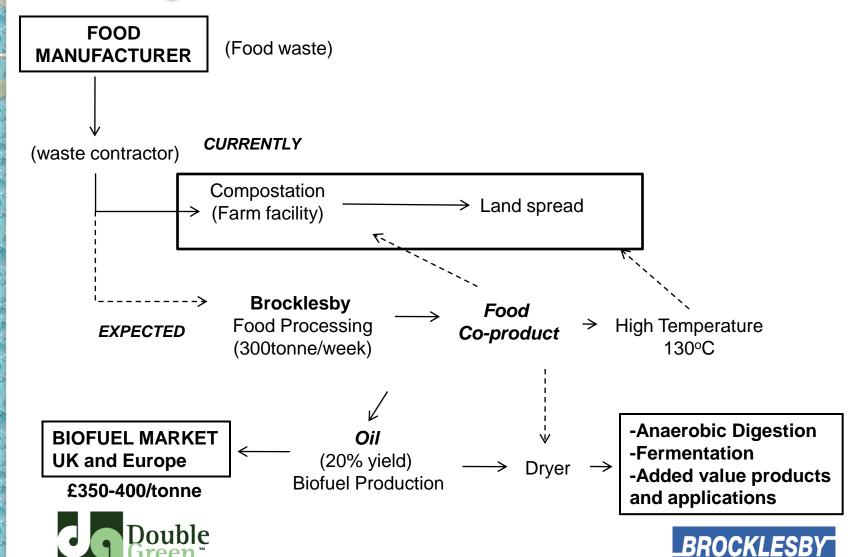








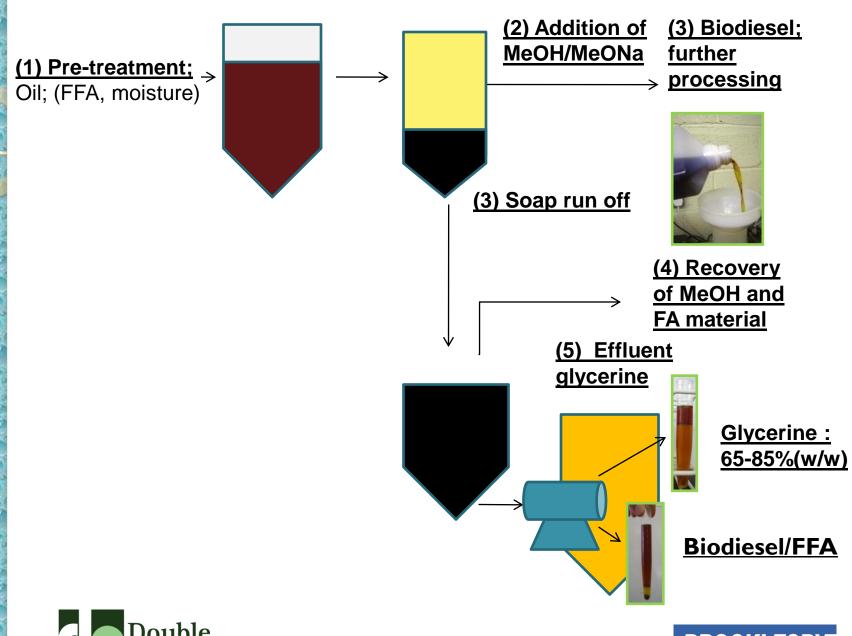
Adding value to Food Waste



Adding value to glycerin









_BROCKLESBY



Examples and perspective

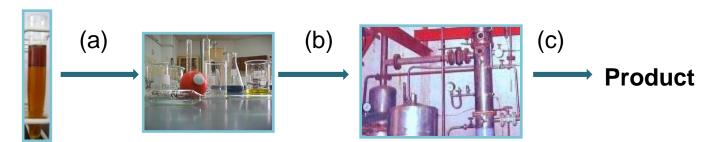
- Large national supply
- Esterifications; plasticiser and additive
- Hydrogenations
- Anaerobic digestion
- Other industrial applications
- Future work





Research on Glycerin; strategy

- Identification of a product currently in the market/ interest from companies
- Assessment of the suitability of glycerine to be converted into desired applications (Chemistry)
- Commercialisation of the product



DG- glycerine



R+D; Laboratory scale plus pilot scale





Valorisation of Effluent



Cost





Profit



Courtesy of BiogenGreenfinch





Conclusions

- Successful partnership with the Green Chemistry Centre
- On-going collaboration based in Clean Technologies
- Bright outlook for the future for food co-products and glycerin





Thank you for your attention!





