

<b>Title:</b>	Biorefineries based on brewers' spent grain
<b>Abstract:</b>	Brewers' spent grain (BSG) is produced in large quantities by breweries in South Africa, and typically utilised for low-value animal feed applications. Fractionation of BSG into protein, hemicelluloses, cellulose and animal feed co-products could improve economic value derived from this feedstock. The present project assesses these alternatives through a combination of experimental measurements and process simulations.
<b>Lead institution:</b>	Stellenbosch University
<b>Partner institutions:</b>	-
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<b>Degree:</b>	MEng
<b>Funded by:</b>	Industry
<b>Start date:</b>	March 2016
<b>End date:</b>	March 2018
<b>Feedstock:</b>	Brewers' spent grain
<b>Value chain products:</b>	Protein, hemicelluloses, prebiotics, cellulose fibres and animal feed
<b>Geographic source of the feedstock:</b>	KZN, WC, MP