



Centre for Bioprocess Engineering Research

University of Cape Town (UCT)

Cape Town, South Africa

www.ceber.uct.ac.za

Title:	Value recovery from chocolate and sugar confectionery waste
Abstract:	The project will evaluate the potential of using chocolate and sugar confectionery waste to generate value added products. The waste generated by the confectionary industry has suitable characteristics in terms of its composition and nutrients to be used as a feedstock for bioprocess conversion. Various studies will be conducted for selection of the most suitable product and conversion process based on technology availability and market evaluation in the South African context.
Student name	Leslie Murhonyi Mapatano
Supervisor	Prof Sue Harrison, Dr. Madelyn Johnstone-Robertson
Degree	MSc Bioprocess Engineering
Funded by:	CeBER, DST-CSIR
Start date:	February 2016
End date:	December 2017
Feedstock:	Waste from the confectionary industry
Value chain products:	Identify the various biochemicals, biopolymers and biomaterials that will be targeted as intermediates or end-products in terms of biomass valorisation
Geographic source of the feedstock:	KZN