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Integrated Biorefinery: Microalgae and Municipal Solid Waste Processing

The objective of this report is to review and summarize up-to-date information on currently developing or available technological processing alternatives for microalgae and MSW biorefineries, and present possible superstructure for future optimization opportunities. In addition, the review will also explore potential value-added products that could be generated other than biofuels to exhaust the remaining solid wastes, thus increase the conversion rate and contribute towards primary energy supply.