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|  | Prof. M Giorgiadis  Chem. Eng. Res. Des. |

Salamanca, 28th November 2017

Dear Editors,

As per invitation, we are pleased to submit the revised version of the manuscript entitled "**Optimal integrated facility for waste processing**” where we evaluate the use of various types of waste towards the production of power and the recovery of nutrients out of the digestate. Following the suggestion of the reviewers we have added the model to the text and the computing time to solve the model. The facility compares the use of 5 different technologies for the recovery of phosphorus and nitrogen, from simple filtration to the production of struvite, and the yield to power of cattle, pig, sheep and poultry manure. In all cases struvite production using a fluidized bed reactor is selected as the most efficient technology for processing the digestate while poultry is the manure with the largest power production.

Sincerely Yours

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