

Fig. 1- Experimental set-up scheme

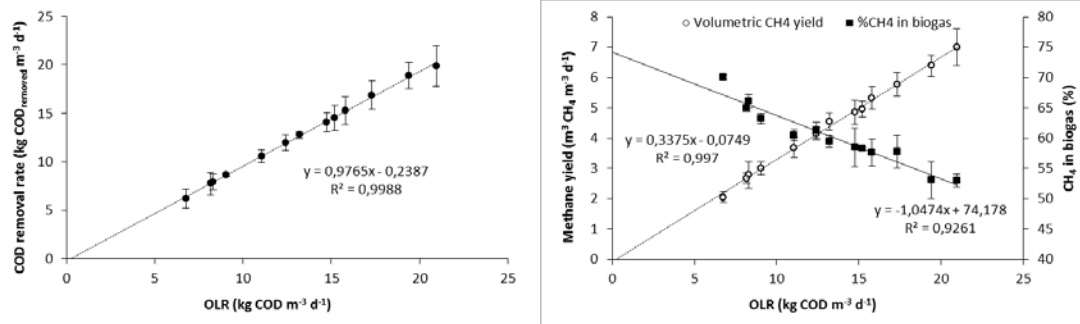


Fig. 2- Performance data of UASB reactor at constant HRT (2.2 days) and increasing CW content in the feed. a) Correlation between OLR and ORR. b) Volumetric methane production rate and methane content in biogas. The values showed are the mean values \pm SD of five duplicate samples after steady state conditions were reached.

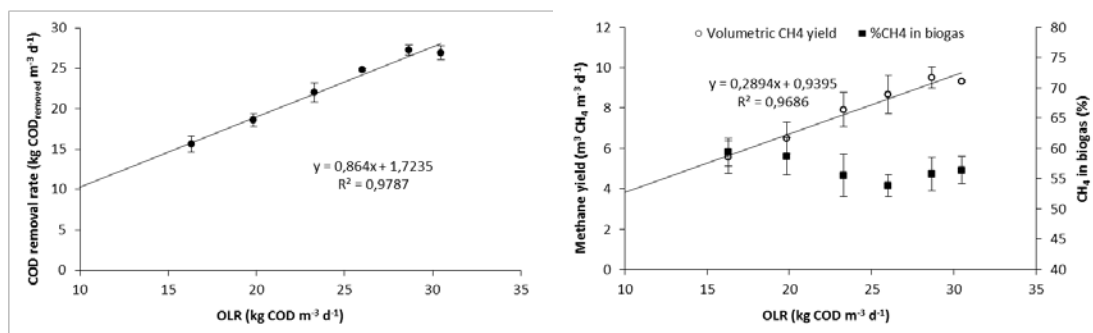


Fig. 3- Performance data of UASB reactor at constant CW:SFCLF ratio content in the feed and decreasing HRT. a) Correlation between OLR and ORR. b) Volumetric methane production rate and methane content in biogas. The values showed are the mean values \pm SD of five duplicate samples after steady state conditions were reached.

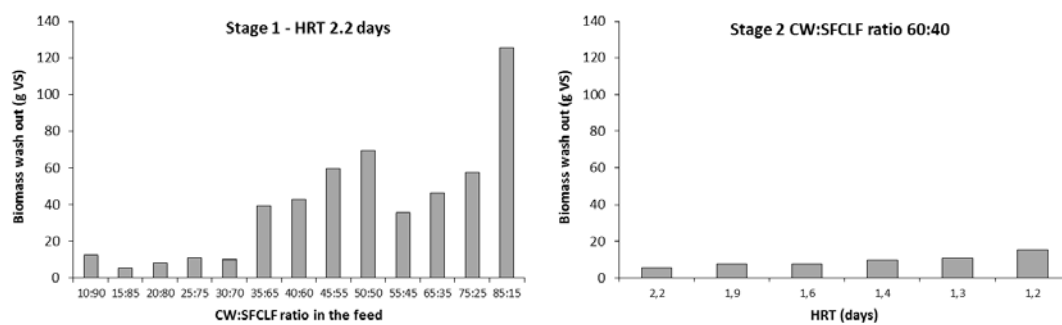


Fig. 4- Biomass losses in the UASB reactor throughout the whole experimental period. a) Operation at a constant HRT (2.2 days) and an increasing CW content in the feed. b) Operation at a constant CW:SFCFLF feed ratio and a decreasing HRT.