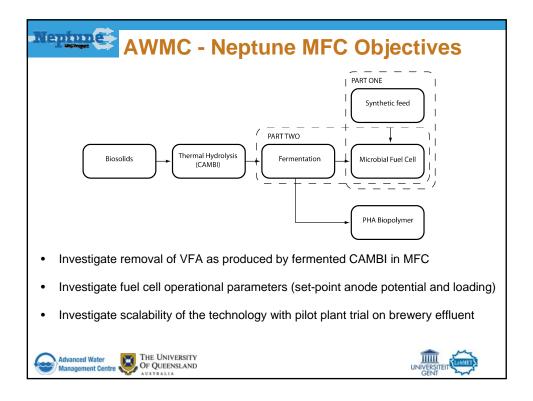
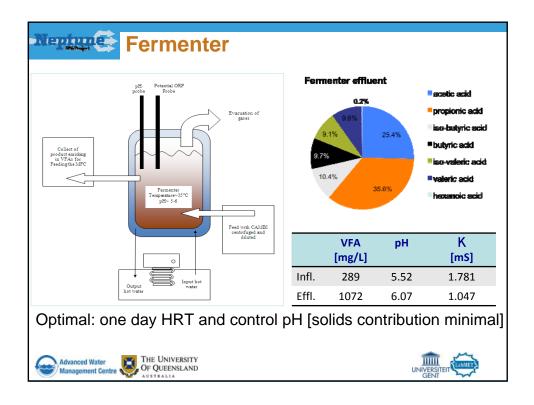
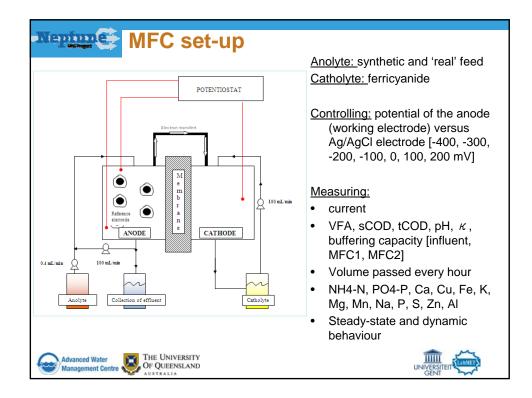
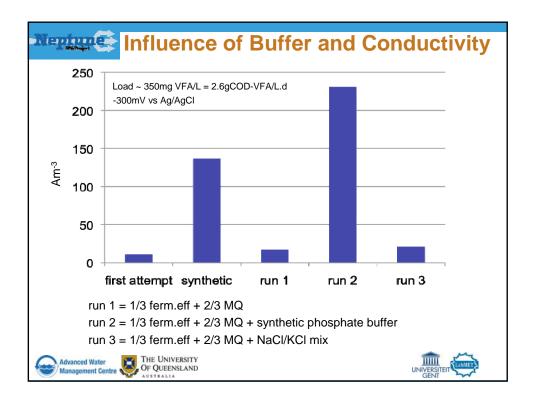


Anode substrate	Cathode reaction	P _{max, cont} //m ³ MFC	$I_{max, cont}$ (A/m ³ MFC)	Reference
Acetate	$\operatorname{Bio} - \operatorname{O}_2$	83	251	Clauwaert et al., 2007
Hospital wastewater	Ferricyanide	0.5	16	Aelterman et al., 2006
AD influent	Ferricyanide	11	33	Aelterman et al., 2006
AD effluent	Ferricyanide	8	80	Aelterman et al., 2006
Glycerol	$\operatorname{Bio}-\operatorname{O}_2$	26	117	Clauwaert et al., submittee
L-glutamine	$\operatorname{Bio}-\operatorname{O}_2$	95	225	Clauwaert et al., submittee
L-asparagine	$\operatorname{Bio}-\operatorname{O}_2$	68	190	Clauwaert et al., submittee
L-aspartic acid	$Bio-O_2\\$	52	167	Clauwaert et al., submittee
L-aniline	$\operatorname{Bio}-\operatorname{O}_2$	59	178	Clauwaert et al., submittee
Clover sap	$Bio - O_2$	70	193	Clauwaert et al., submittee









Results with Anaerobic Digestion Effluent									
	Run		VFA [mg/L]	MFC effluent pH	Current density [Am ⁻³]	Coulombic Efficiency {COD-VFA} [%]			
	Syn	Synthetic sample	360	6.77	137	50			
	4	1/3 ferm.eff + 2/3 syn buffer	398	7.1	155	85			
	5	1/3 ferm.eff + 2/3 AD effluent	390	7.7	191	84			
	6	1/2 ferm.eff + 1/2 AD effluent	656	7.6	216	82			
	7	3/4 ferm.eff + 1/4 AD effluent	800	7.2	215	96			
Set-point potential of -300mV vs Ag/AgCl									
Advanced Water The UNIVERSITY Management Centre OF QUEENSLAND									

