

Supplementary Information

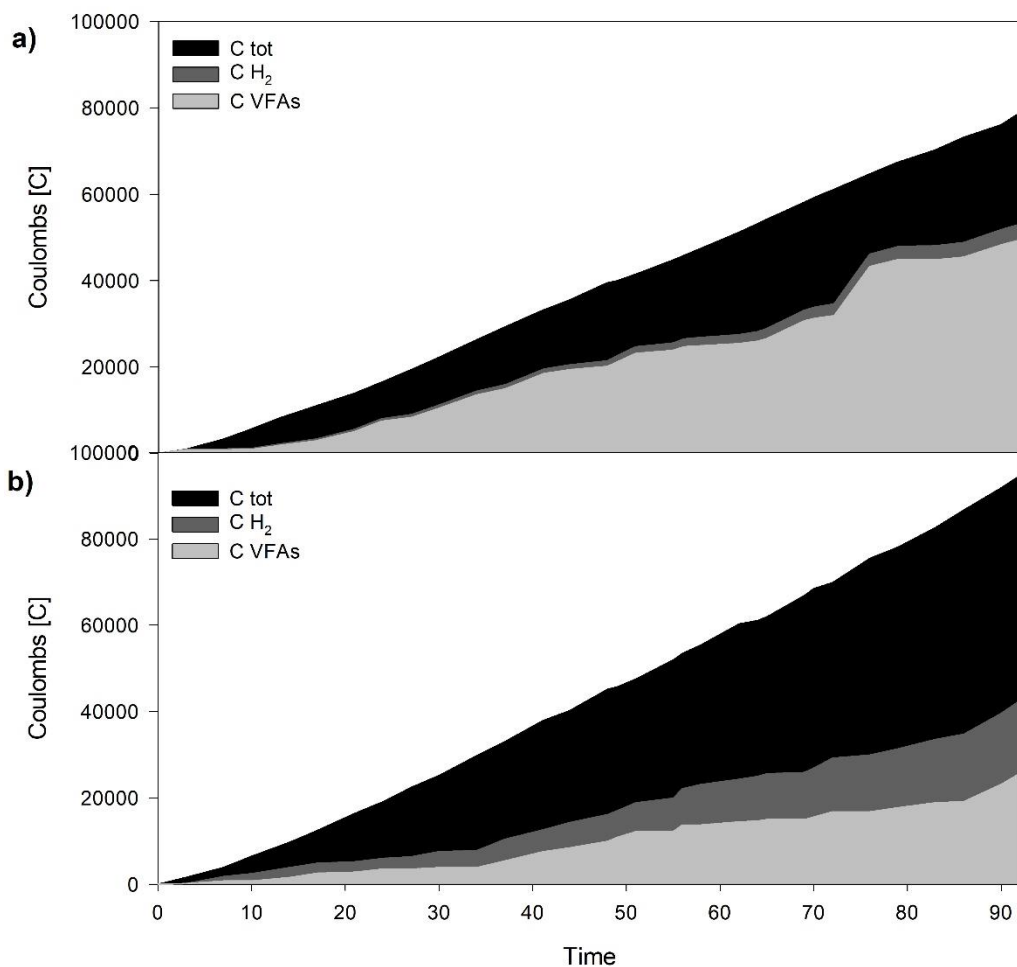


Figure S1. Distribution of the accumulated coulombs in products compared to total coulombs consumed over time in each reactor in the two H-type BES – a) HT1; b) HT2.

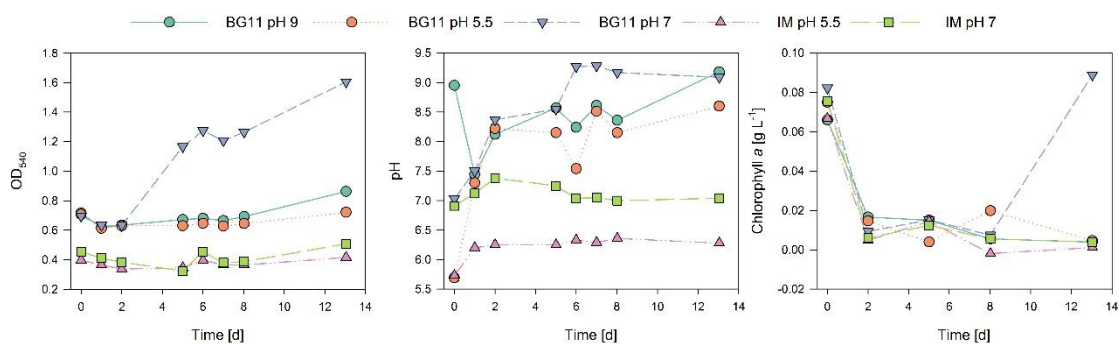


Figure S2. Preliminary *Auxenochlorella protothecoides* autotrophic tests under different medium and starting pH conditions.

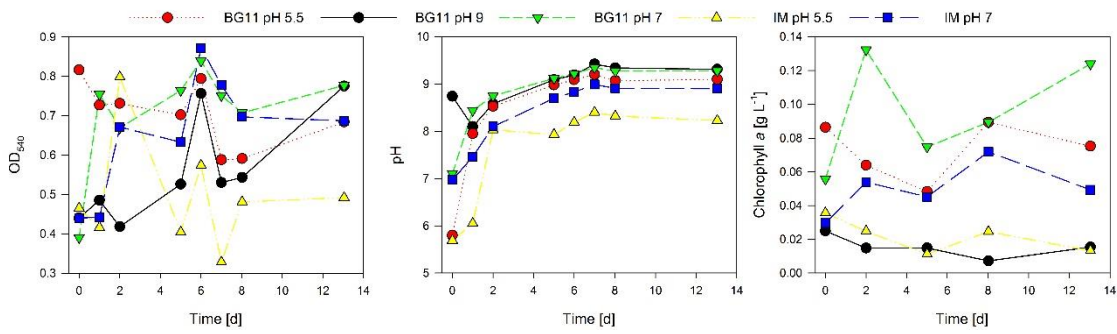


Figure S3. Preliminary *Auxenochlorella protothecoides* heterotrophic tests with synthetic effluent (acetate 2 g L⁻¹) under different medium and starting pH conditions.

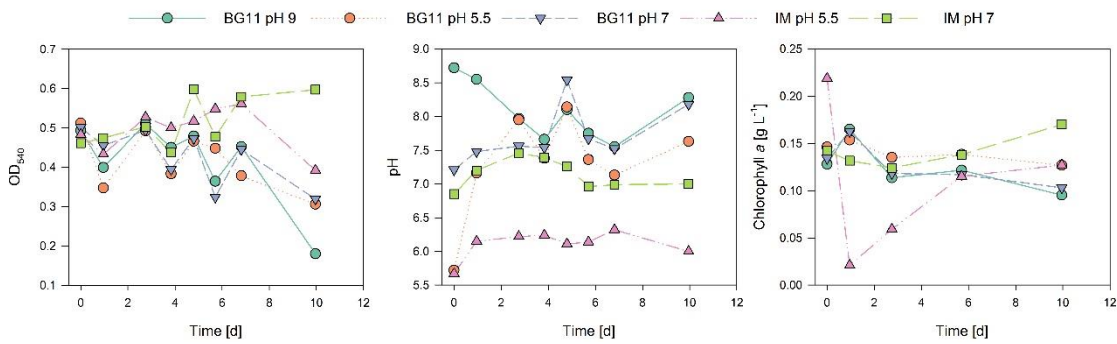


Figure S4. Preliminary *Chlorella vulgaris* autotrophic tests under different medium and starting pH conditions.

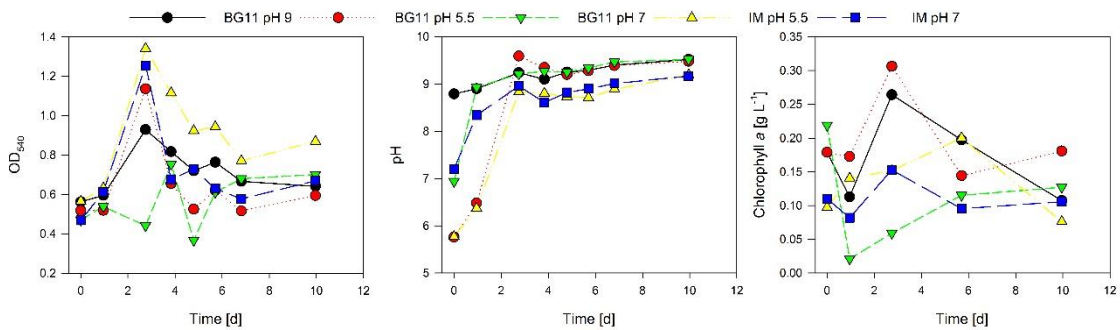


Figure S5. Preliminary *Chlorella vulgaris* heterotrophic tests with synthetic effluent (acetate 2 g L⁻¹) under different medium and starting pH conditions.