The future of the bioeconomy: Wastewater treatment with microalgae for biofuel production Pretreatment Physical Sedimentation Coagulation Chemical Harvesting Biological Centrifugation Floatation Primary Secondary Filtration High-Rate Algal Pond (HRAP) settler settler Electrical method Bioflocculation Microalgae Heterotrophic bacteria Algal biomass Conversion Bio-oil **Biochar** Gases techniques Gasification Bioethanol **Pyrolysis** Algae oil **Biogas** Hydrothermal liquefaction Anaerobic digestion Oil extraction Fermentation & Biodiesel Transesterification distillation