



INTRODUCTION OF NUMERICAL APPROACHES TO SUPPORT THE DEVELOPMENT OF THE POND BIOLEACHING UNIT

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(Re)Mining Extractive Waste: A new bussines? – May 2022

THE POND BIOLEACHING UNIT

New bioreactor concept: ponds with floating agitators for pulp suspension and gas-liquid mass transfer



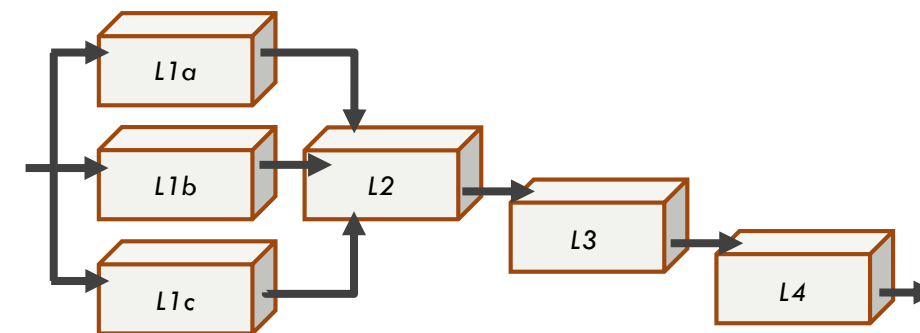
Floating agitator



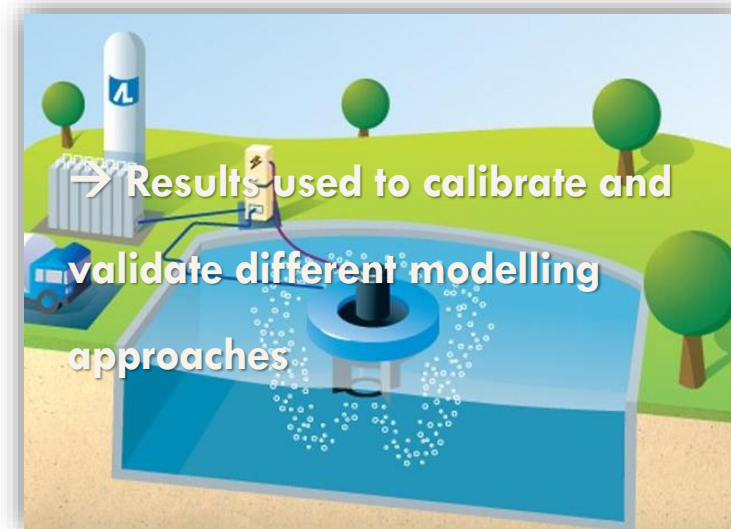
1-1-4-L CSTR pilot plant



1.8 m³ bioleaching pond pilot

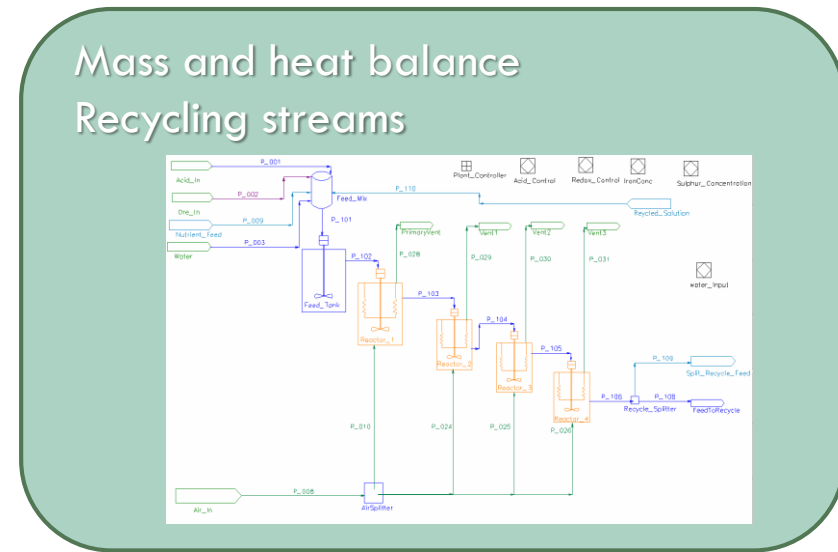
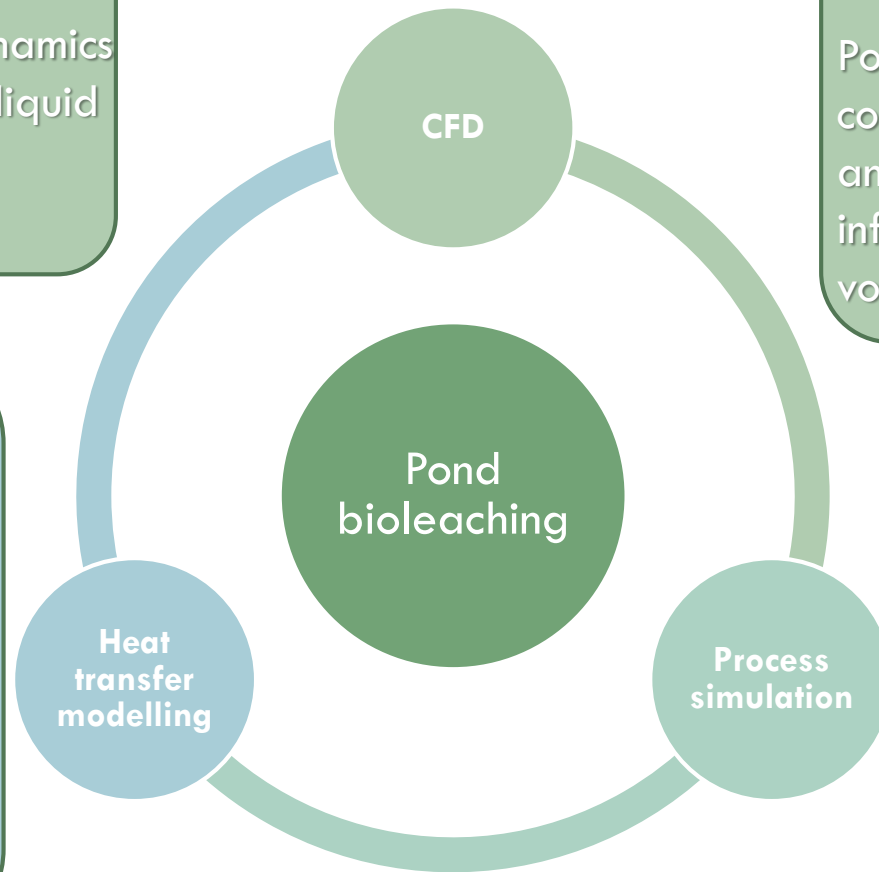
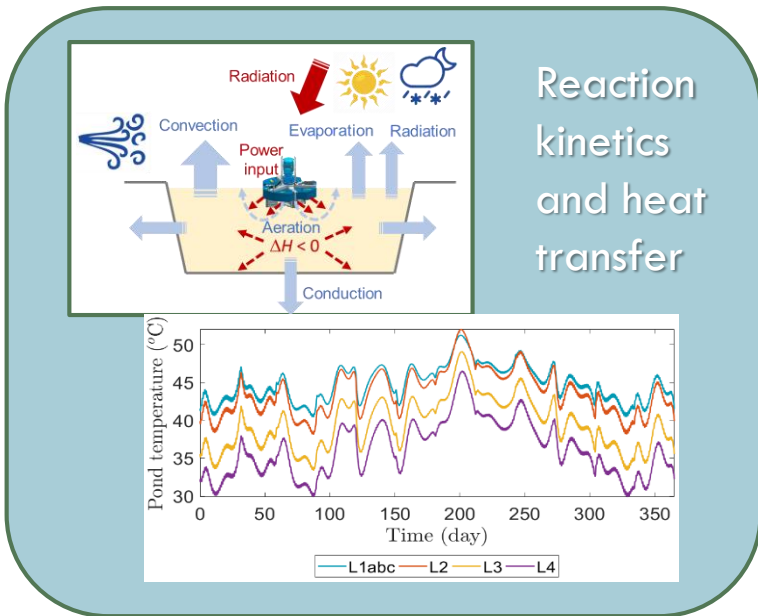
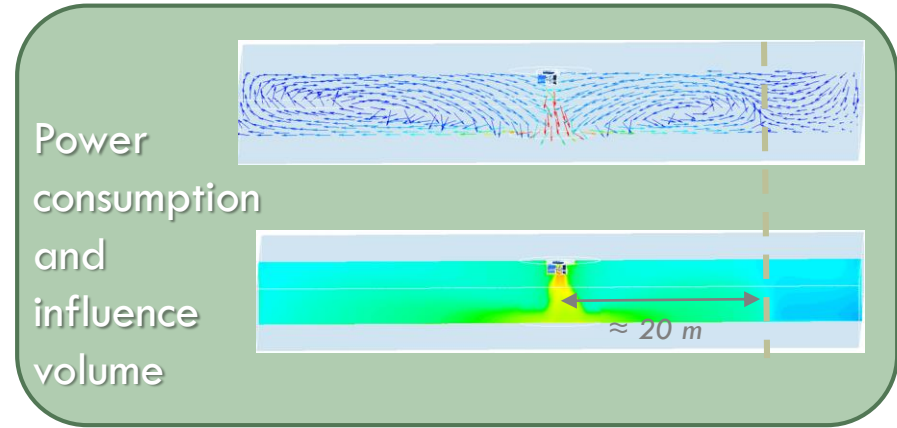
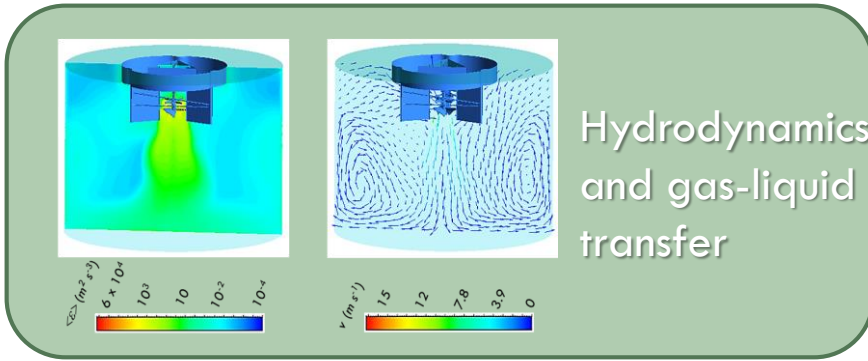


Pilot scale studied on the two study case considered in NEMO project: Sotkamo and Luikonlahti





MODELLING APPROACHES





Perspectives: integrated model

