The sustainable solution for the recovery of phosphorus from wastewater

SDTC PROJECT in VILLE de SHERBROOKE: ...a SHOWCASE for PHOSPHORUS RECOVERY #CIRCULAR ECONOMY

SUSTAINABLE PHOSPHORUS REDUCTION AND RECOVERY ECOTHOR™ is a modular, Plug'n Play technology platform, designed to enable the circular economy as a robust, reliable and cost-effective tertiary treatment solution for any decentralized wastewater treatment application. A step change in nutrient reduction and recovery, the E2Metrix technology is a perfect solution for small to mid-size wastewater treatment processes.

A globally-limited resource, primarily mined in only a few locations around the world, phosphorus is an essential agricultural fertilizer ...no synthetic substitute exists. ECOTHOR™ is designed to recover phosphorus as a Magnesium-Ammonium-Phosphate (MAP) crystal – struvite – from industrial, agricultural and municipal wastewater. An immediately recoverable and reusable resource, MAP from the ECOTHOR™ technology is a significant contribution to environmental sustainability.

AGRICULTURE HUMAN ACTIVITIES

WASTEWATER TREATMENT FACILITIES

PHOSPHORUS AND AMMONIA RECOVERY (MAP FERTILIZER)

AGRICULTURE (FOOD PRODUCTION)

TREATED WATER MAY BE REUSED IN AGRICULTURAL IRRIGATION

ECOTHOR™ SYSTEM