TREATED WATER

for:
- the energy sector: such as cooling water for power plants and process water for mines
- industrial processes, such as in the textile and paper industry
- irrigation (agriculture, urban parks, etc)
- recreational use
- replenishing aquifers
- drinking water

WASTEWATER TREATMENT PLANT
(Water Resource Recovery Facility)

Cooming water for power plants and process water for mines.

SLUDGE

- Anaerobic Digester
- Biogas can be used to generate energy (heat and electricity), which can be used at the plant and/or sold.
- Biosolids are nutrient rich and can be used as fertilizer in agriculture, to recover degraded areas or as fuel, among others.

PHOSPHORUS
Can be recovered and used as fertilizer

Improved wastewater management offers a double value proposition if, in addition to the environmental and health benefits of wastewater treatment, financial returns are also possible. Resource recovery from these facilities in the form of energy, nutrients, reusable water, and biosolids represent an economic and financial benefit that contributes to the sustainability of these systems and of the water utilities operating them.

These resources can generate additional revenue streams for the operator, paying part or all of the operation costs, thereby contributing to the sustainability of the water system.