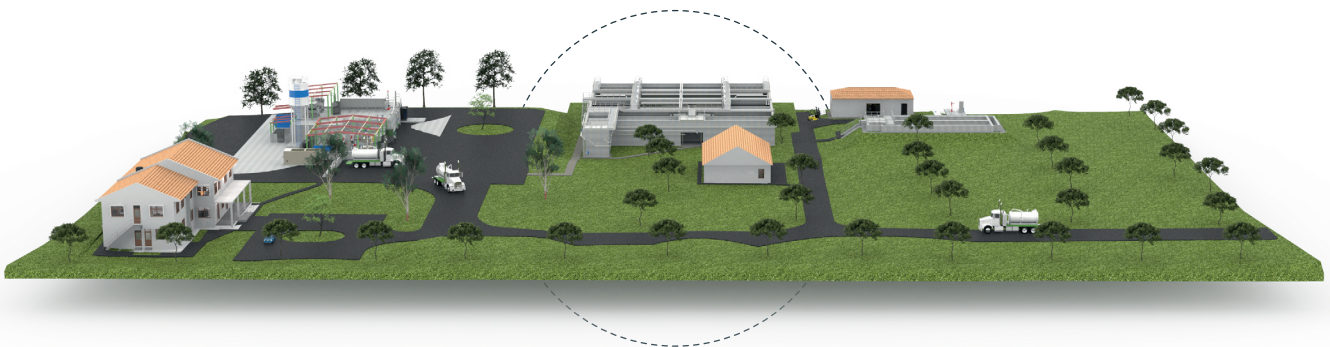


SEPTOPURE

SEPTIC WASTEWATER TREATMENT – LATEST SOLUTION

The Septopure technology is developed to treat 100% fecal sludge. This is Pureco's latest innovative technology in communal wastewater treatment. The main aim of Septopure is to lower the overall environmental impact of those towns where no sewer system exists. Using Septopure technology we provide fully specialized wastewater treatment plants to solve the environmental and sanitation problem of the given settlements. The quality of this type of wastewater has a very high pollutant concentration levels, besides it can vary in a wide range. Septopure is developed to be adaptable to the most extreme incoming septage water quality and variation. The technology is very robust but flexible.

- **MECHANICAL TREATMENT (WASTE AND GRIT REMOVAL)**
- **CHEMICALLY ENHANCED CLARIFICATION**
- **ORGANIC MATTER REMOVAL**
- **BIOLOGICAL N AND P REMOVAL**
- **AUTOMATIC PROCESS CONTROL**
- **SLUDGE DEHYDRATION**
- **DISINFECTION**



Treatment process



Field of application

- designed to treat septic wastewater

Advantages of the technology

- robust but highly flexible treatment technology
- high pollutant removal efficiency
- disinfection of the treated wastewater
- effective mechanical pre-cleaning
- suitable for tropical weather conditions

Key benefits

- coarse and fine waste removal
- mechanical compaction and dewatering of generated waste
- grit removal
- grease and oil trap
- chemical pre-sedimentation
- anaerobic, anoxic, aerobic activated sludge treatment with N and P removal
- secondary clarification
- sludge thickening
- sludge dehydration
- wastewater reuse (as process water)
- odor control