

# Faecal Sludge Treatment Plant

Non-electric Systems

# Faecal Sludge Treatment Plant



Legend :

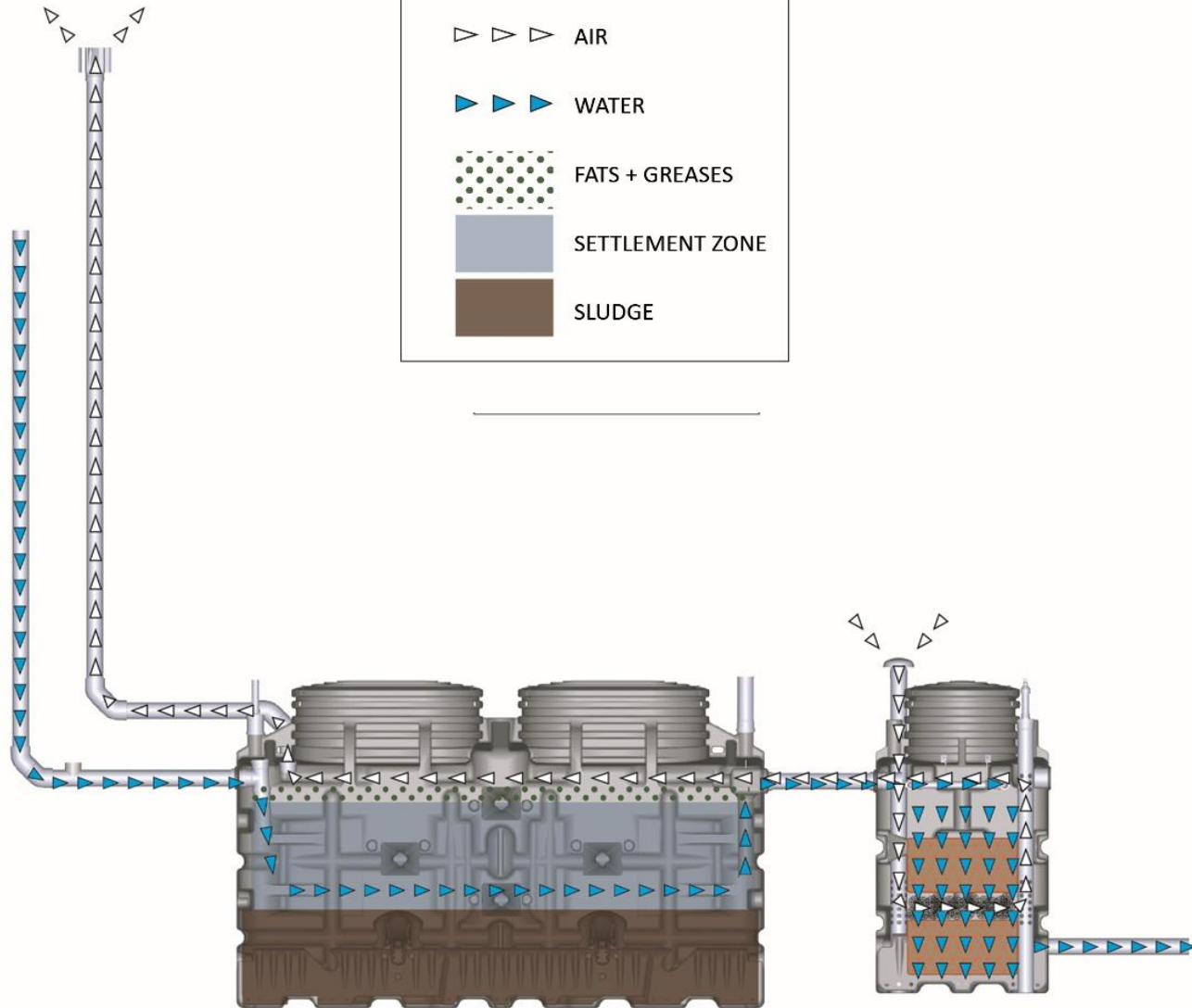
▷ ▷ ▷ AIR

▶ ▶ ▶ WATER

● ● ● FATS + GREASES

■ SETTLEMENT ZONE

■ SLUDGE



Advantages of the **BIOROCK**  
Faecal Sludge &  
Sewage treatment plants

# 10 Advantages of the **BIOROCK** STP:

## **1. Durable & Reliable**

long absences periods possible

## **2. Lowest operational costs**

no mechanical and electrical components

saves a huge amount of money on the running costs

## **3. Long desludge interval**

Primary tank requires a desludge every 4-6 years only

# 10 Advantages of the **BIOROCK** STP:

## **4. Compact & light**

as a result the installation is very simple and fast

## **5. Completely silent**

## **6. No electricity required**

## **7. No moving parts**

no machinery through out the entire sewage treatment system

# 10 Advantages of the **BIOROCK** STP:

## 8. **Low carbon footprint**

as no electricity is required, the CO<sub>2</sub> emissions relating to the production of the electricity are not present

## 9. **Superb effluent quality**

## 10. **2 stages (Primary tank & Bioreactor)**

as a result the **BIOROCK**<sup>®</sup> STP is tolerant of milk, beer, fats, tampons, baby wipes, aso.

# Maintenance of the BIOROCK units

## *Annual maintenance*

- Check the water quality in the effluent pipe
- Visual check of the BIOROCK Media
- Clean the inner part of the water distribution pipe
- Empty the primary tank every 3-5 years (depends at the sludge level)



# Maintenance of the BIOROCK units

## *Annual maintenance*

- Visual check of the BIOROCK Media



# Maintenance of the BIOROCK units

## *Annual maintenance*

- Clean the inner part of the water distribution pipe

