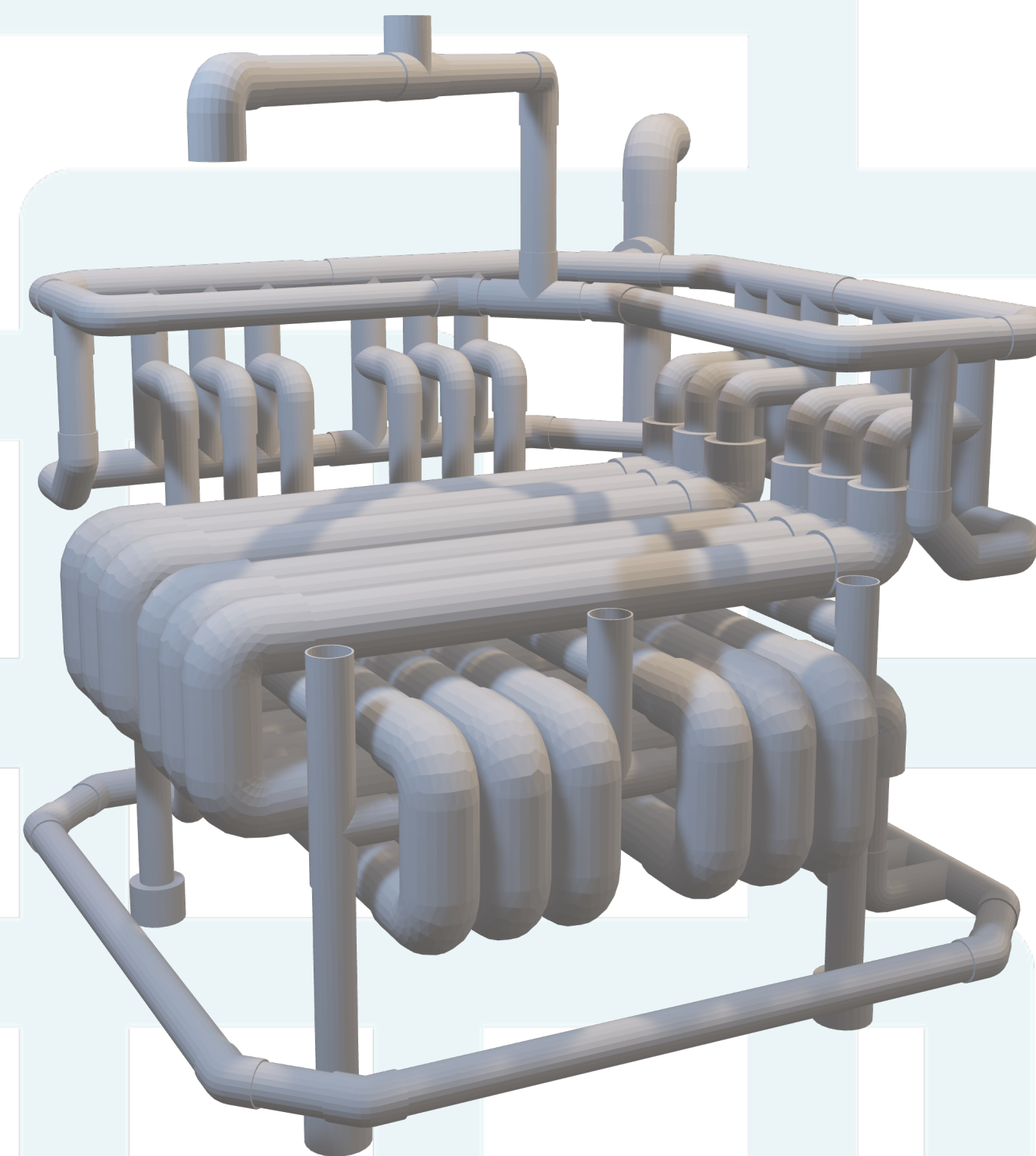
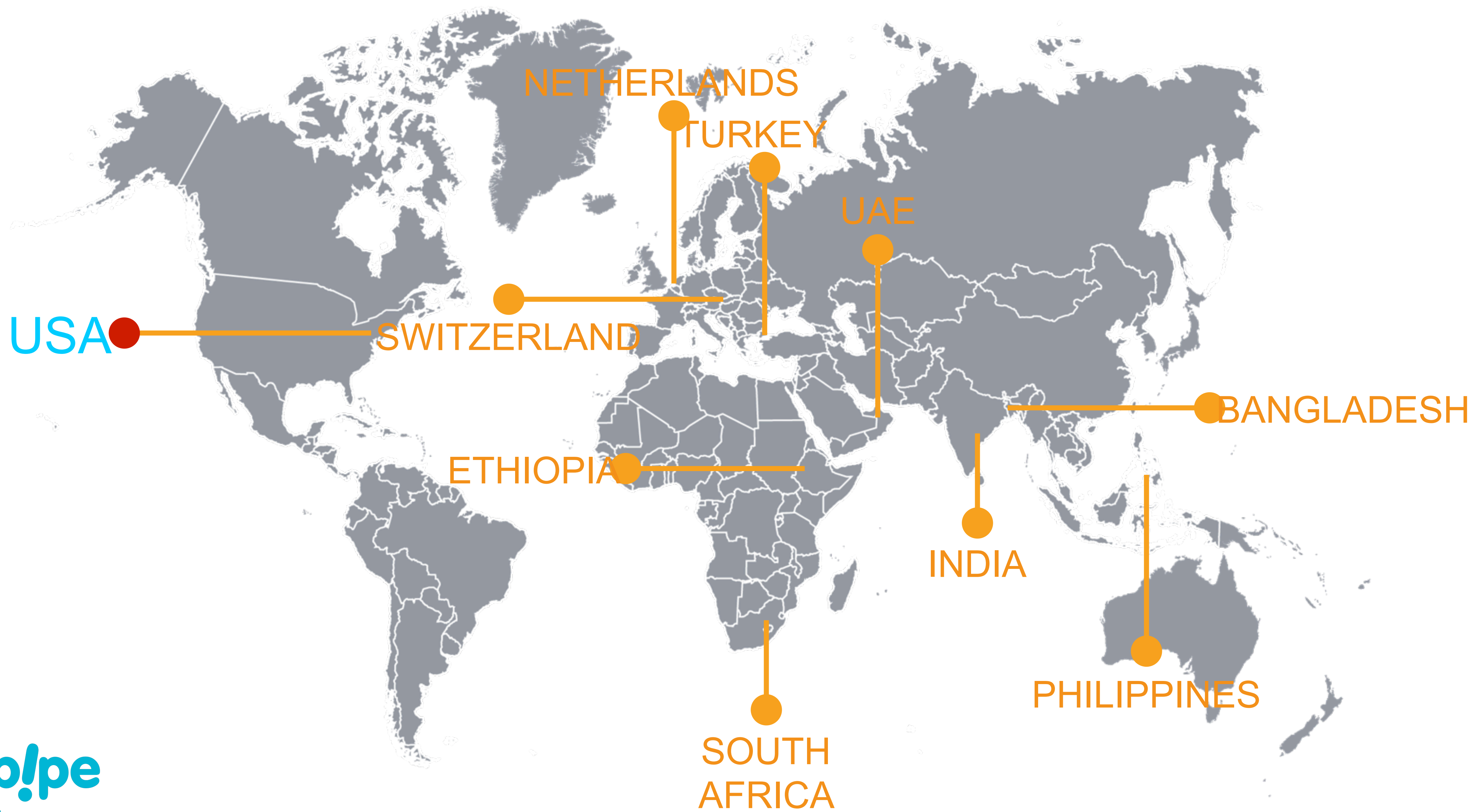


## Biopipe Introduction







# WHAT IS BIOPIPE?

The world's first biological wastewater treatment system where the process takes place entirely inside the pipe.

INSTALLED  
FOOTPRINT

15

COUNTRIES



NO  
SLUDGE

HIGHLY  
SCALABLE

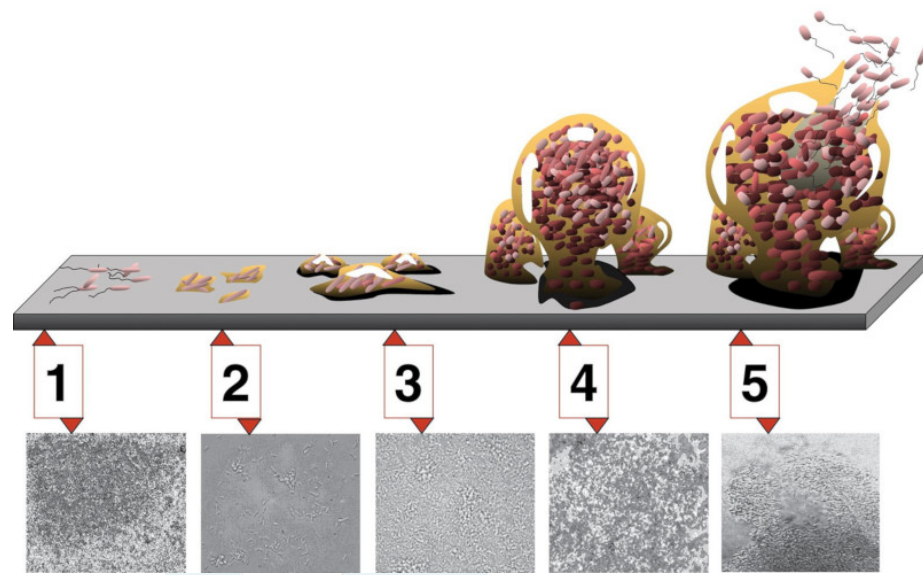




# BIOPIPE PROCESS

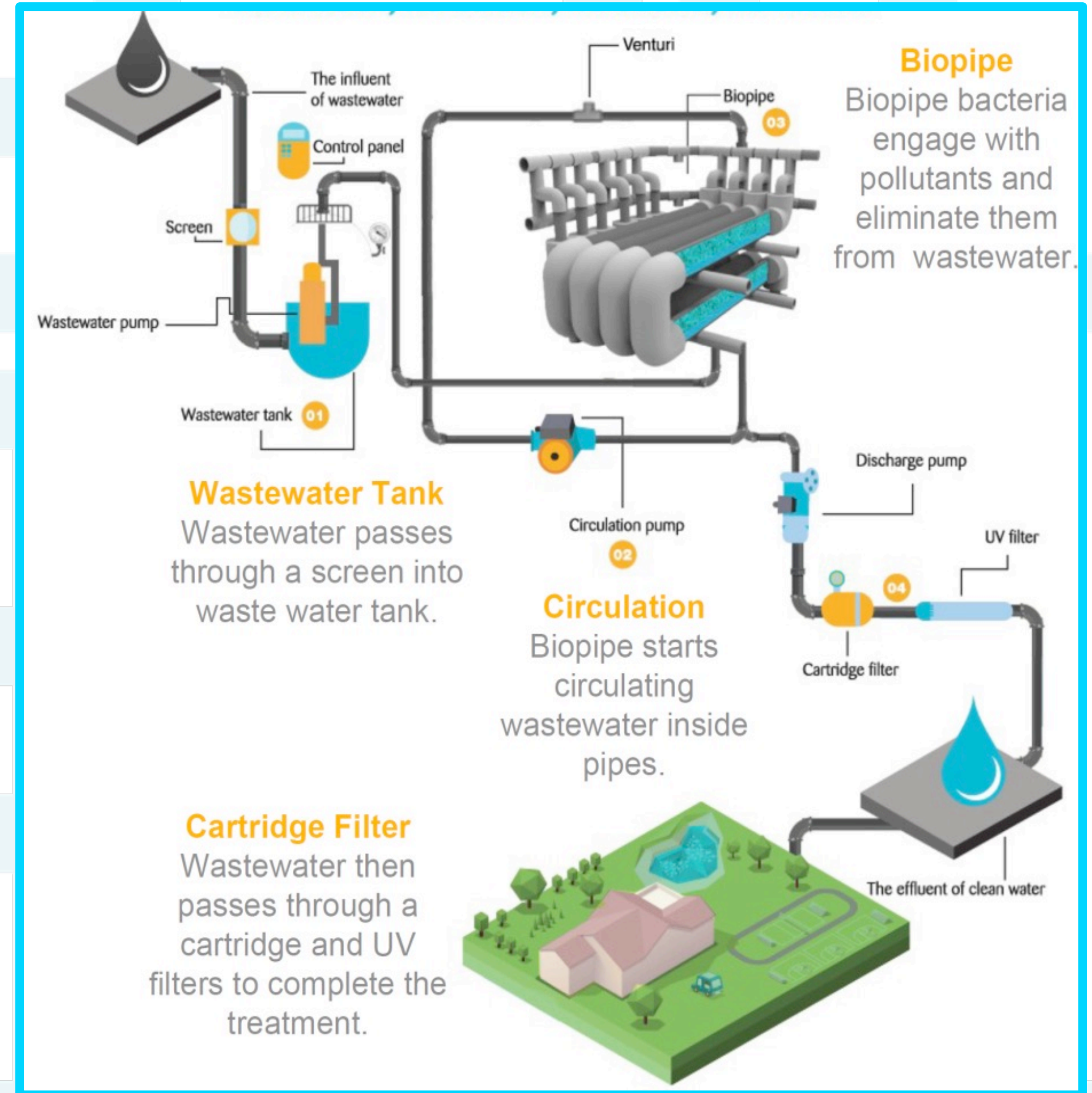


**BIOFILM**  
ATTACHED GROWTH



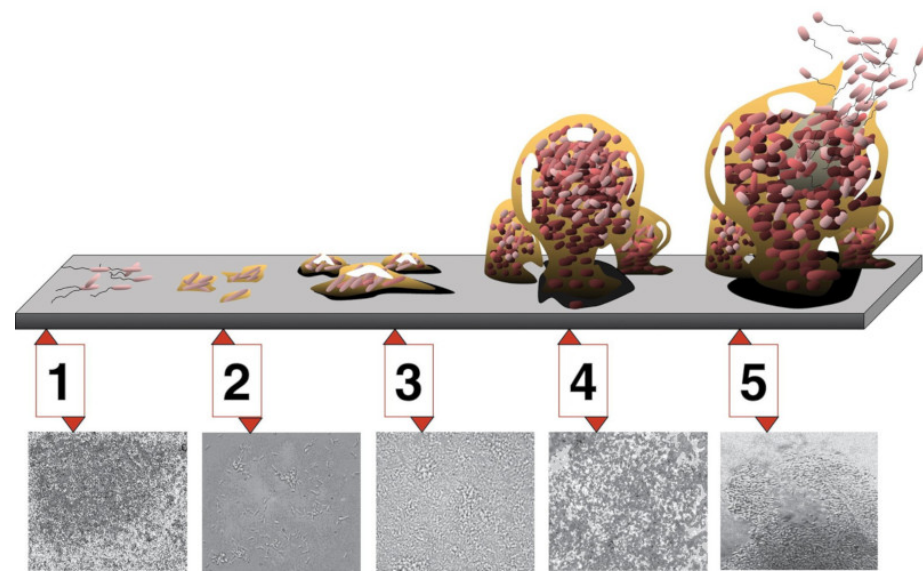
**NO**  
**CHEMICAL**

**NO**  
**ODOR**

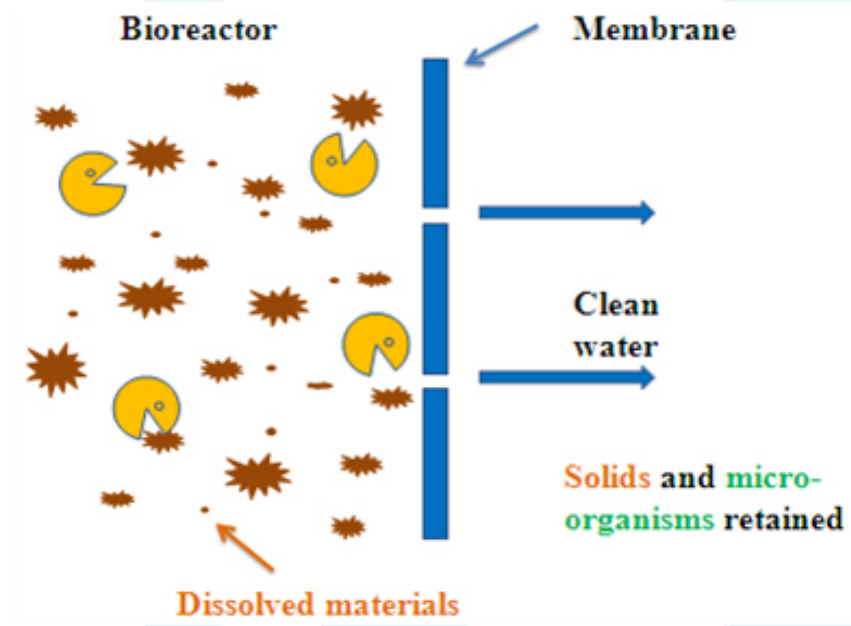




# BIOPIPE



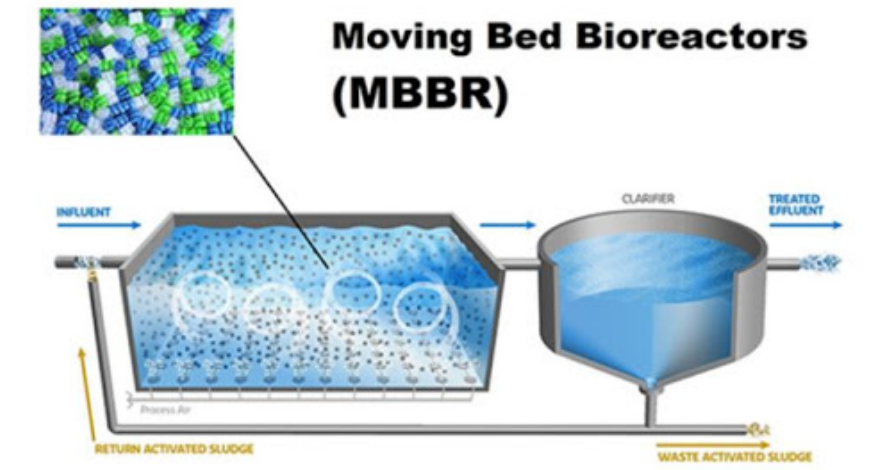
# MBR



# SBR



# MBBR



NO

YES

SLUDGE

7 \ 24 OPERATOR

YES

YES

LOW

HIGH

MAINTENANCE FREQUENCY

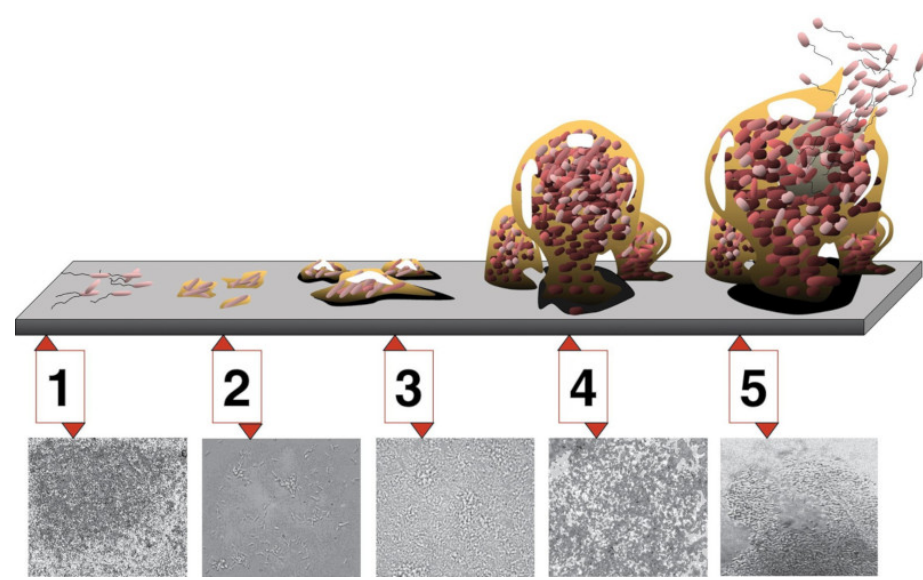
OPERATION COST

HIGH

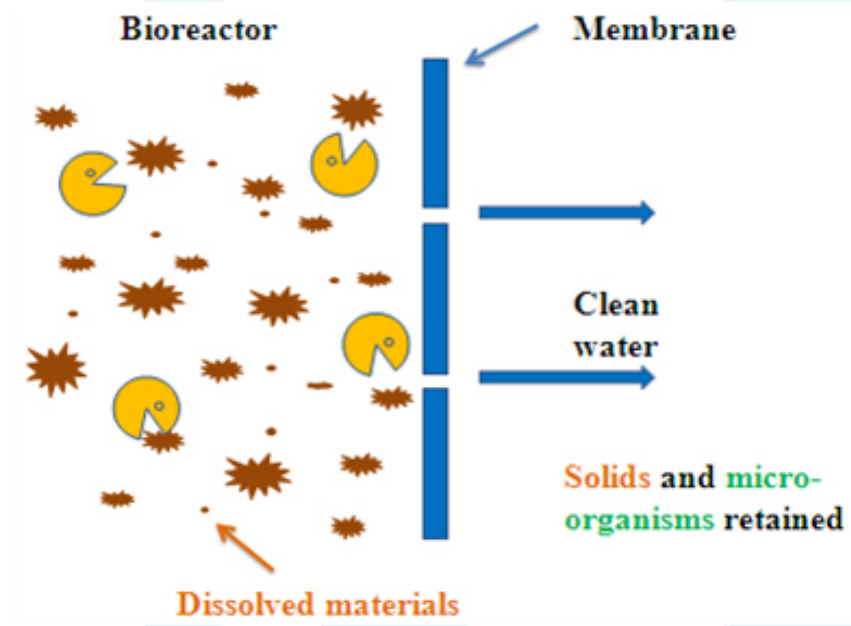
HIGH



# BIOPIPE



# MBR

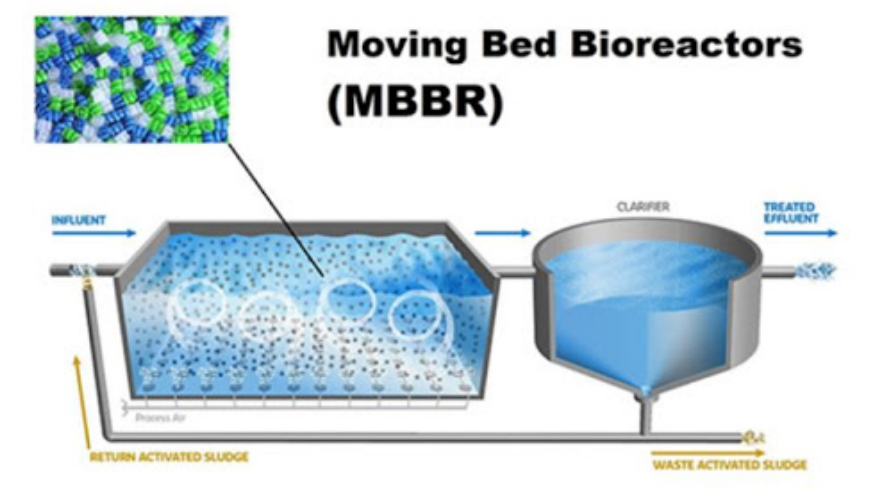


100 m<sup>3</sup>/day  
COMPARISON

# SBR



# MBBR



36 sqm

150 sqm

FOOTPRINT

150 sqm

130 sqm

120 kWh/day

500 kWh/day

ELECTRICITY  
CONS.

140 kWh/day

300 kWh/day

95%+

90%

EFFICIENCY

90%

85%

100%

80%

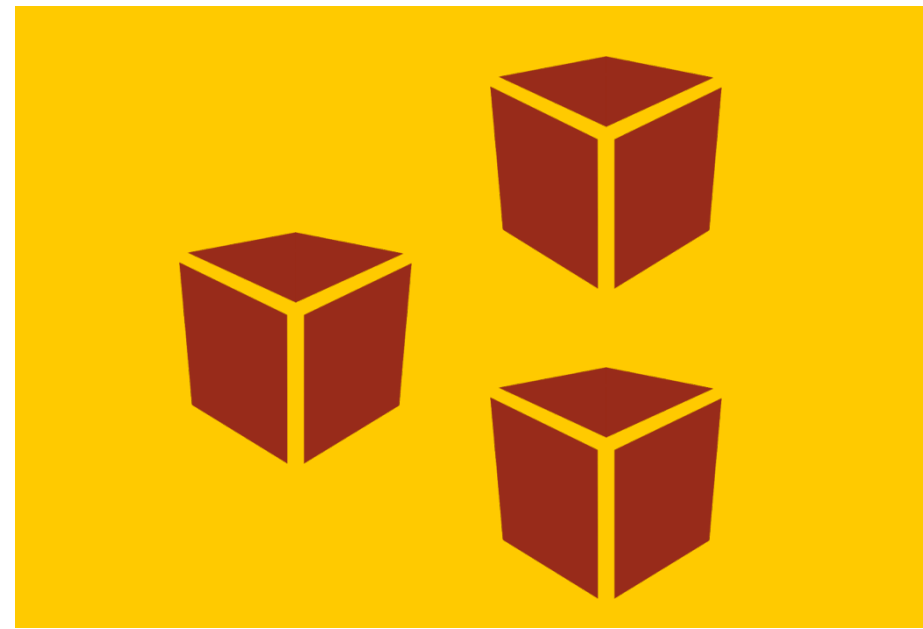
REUSABLE WATER

80%

80%

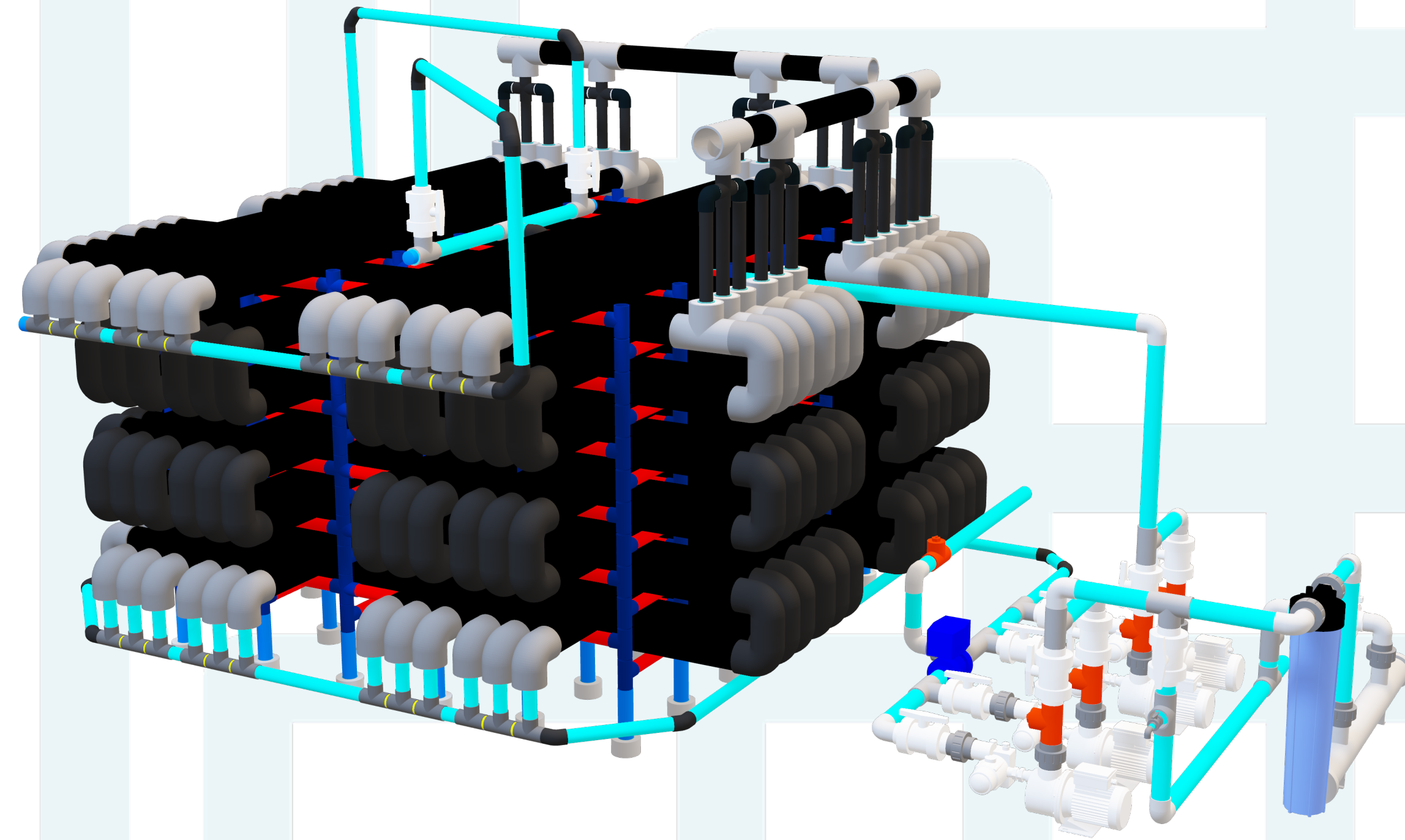


# WHAT IS BIOPIPE?



FULLY  
AUTOMATE  
D

NO  
OPERATOR



ECO  
FRIENDLY

MODULAR  
DESIGN



# QUALITY



BOD  
< 10 mg/L

COD  
< 50 mg/L

TSS  
< 10 mg/L

EFFICIENCY  
> 95%





# BIOPIPE PROJECTS





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[Biopipe\\_co](#)

  
[biopipeglobal](#)