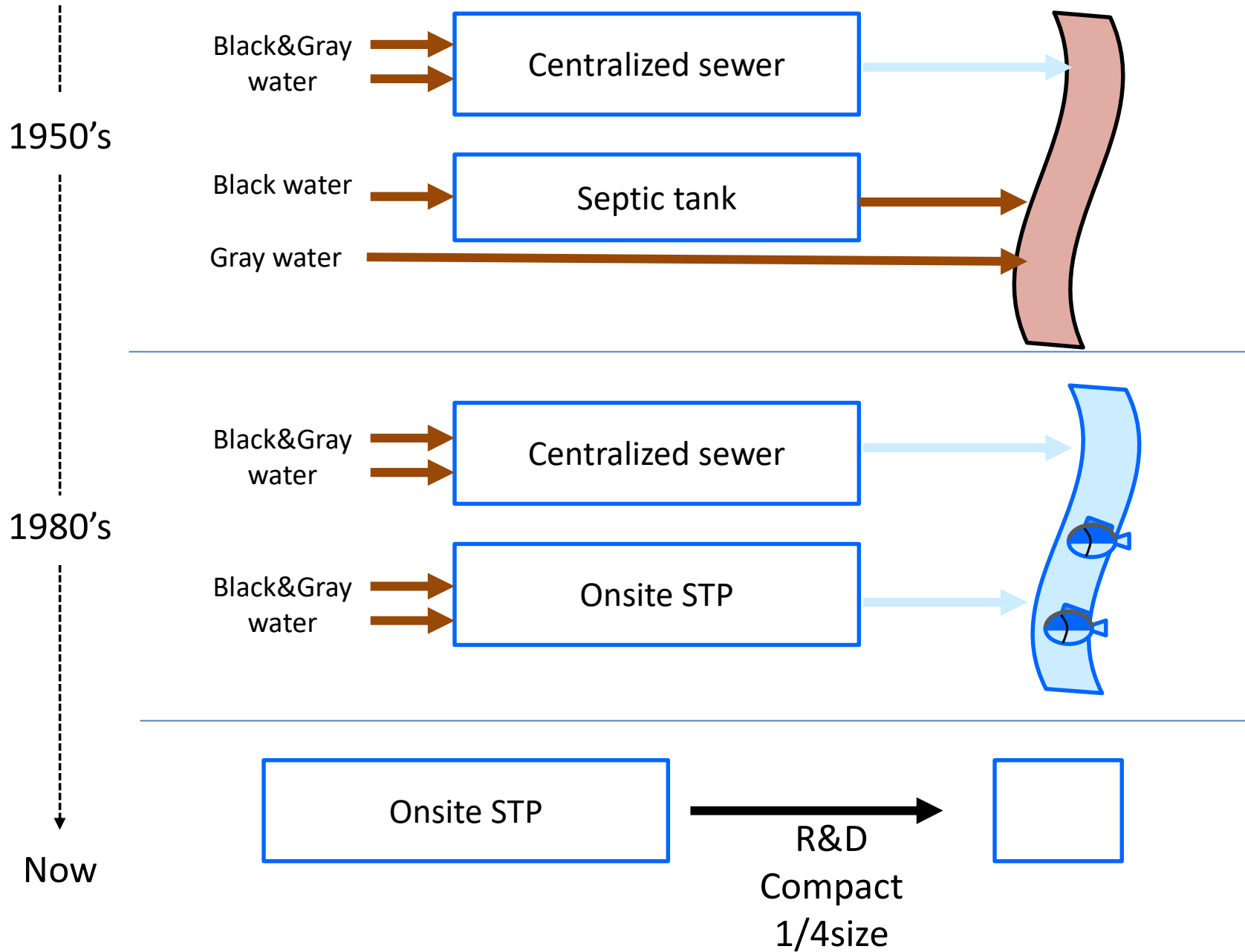
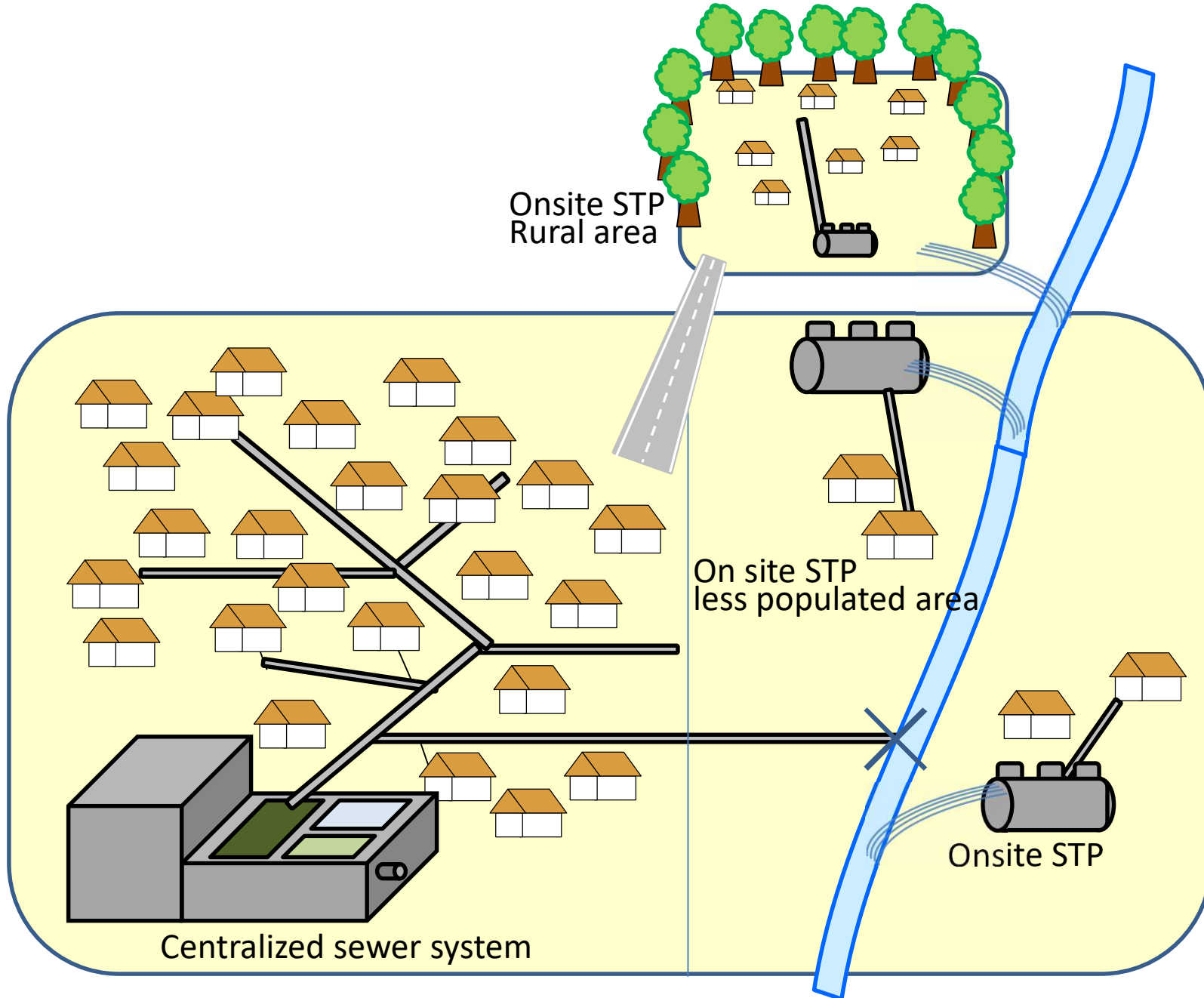




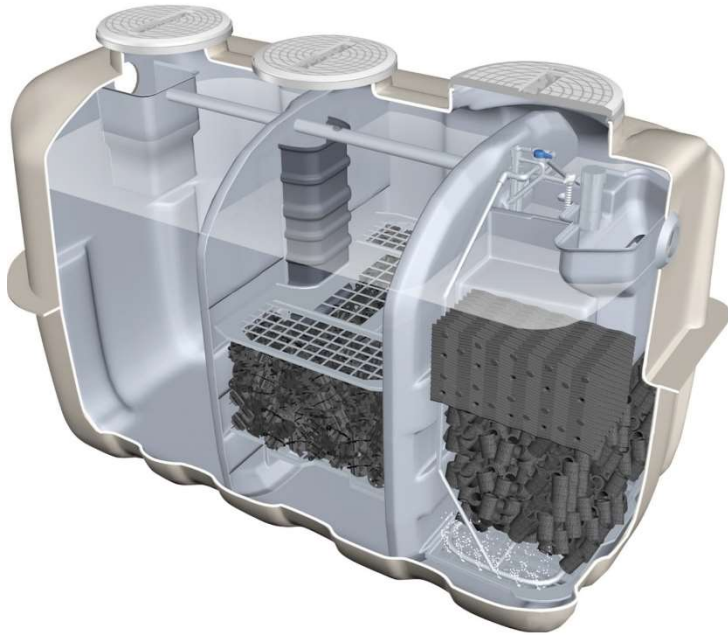
Development of wastewater infrastructure in Japan



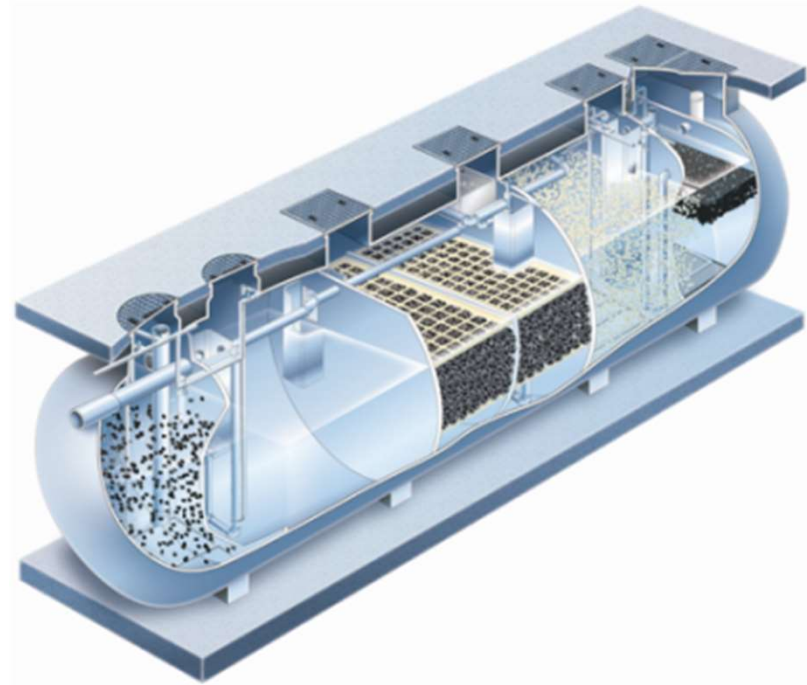
Onsite STP and centralized sewer system



Our international systems



Small size CE model



Large size PCN model

Design inflow

BOD:200mg/l

SS :160mg/l

T-N :50mg/l



Design outflow

BOD:20mg/l

SS :20mg/l

T-N :20mg/l

The system accepts only domestic waste water

Good points of our system

Quick installation and stable quality

Almost all the devices and pipes are assembled at our factory with the thorough inspection

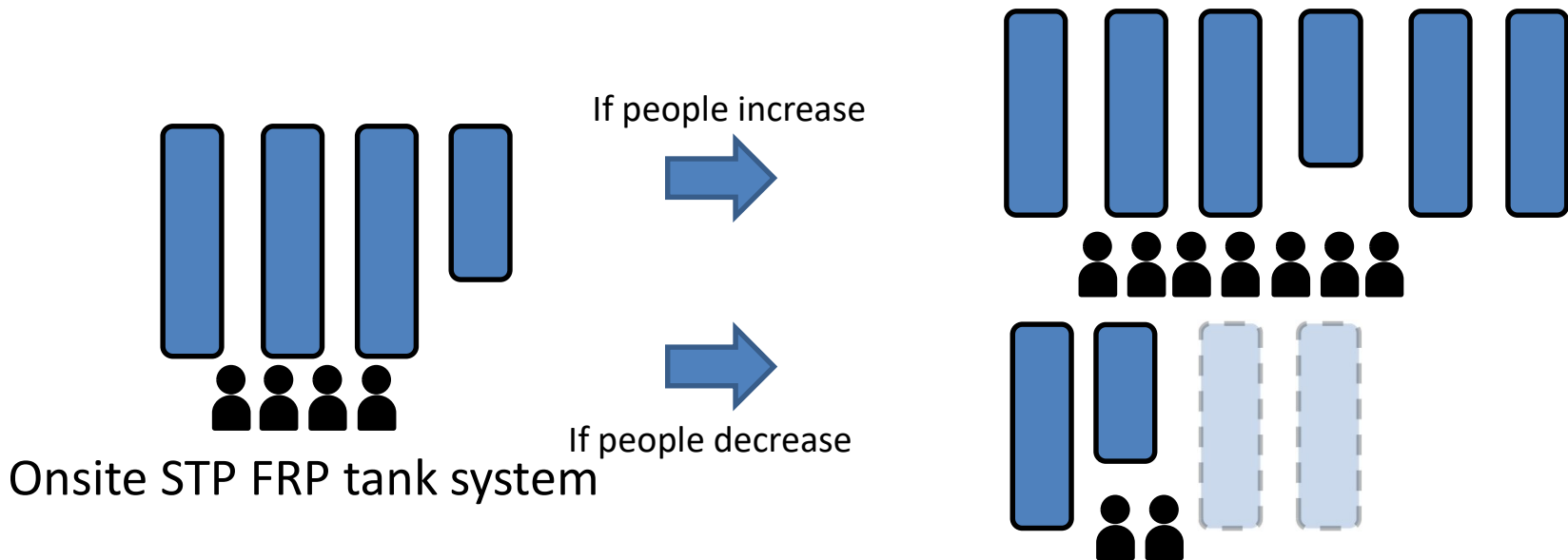
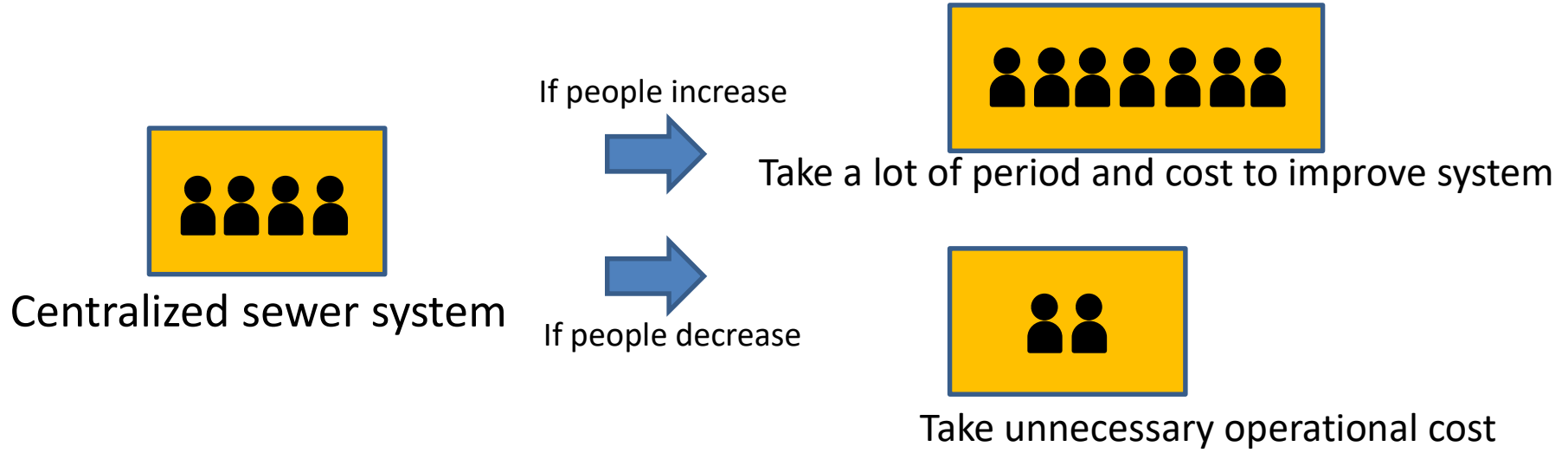


High durability

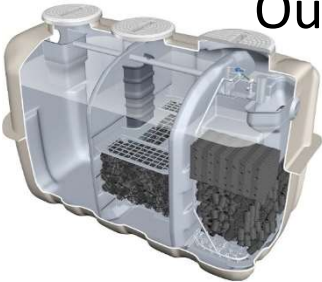
FRP tank has **high durability against corrosive gas.**

No need for regular repair unlike concrete or steel tank.

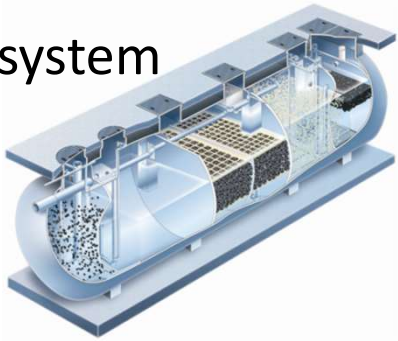
Good points of our system Flexibility



Good points of our system (Reuse of treated water)



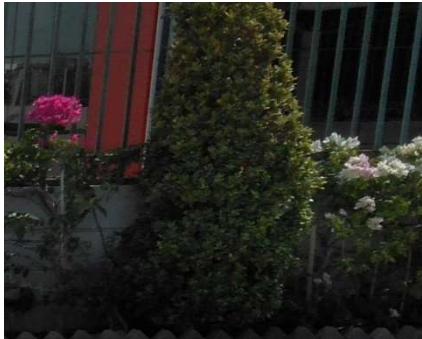
Our system



In Japan
Rivers,
Seas,,



Overseas



Our main system and MBR system

Our main system



Easy to maintain
Biofilm on media



Only Small blowers
need electricity

Expected BOD in treated water is under **20mg/l**

Our MBR system



Membrane(need replacing)



Large blowers



Hard to maintain
MLSS around 10,000mg/l



Many devices need electricity

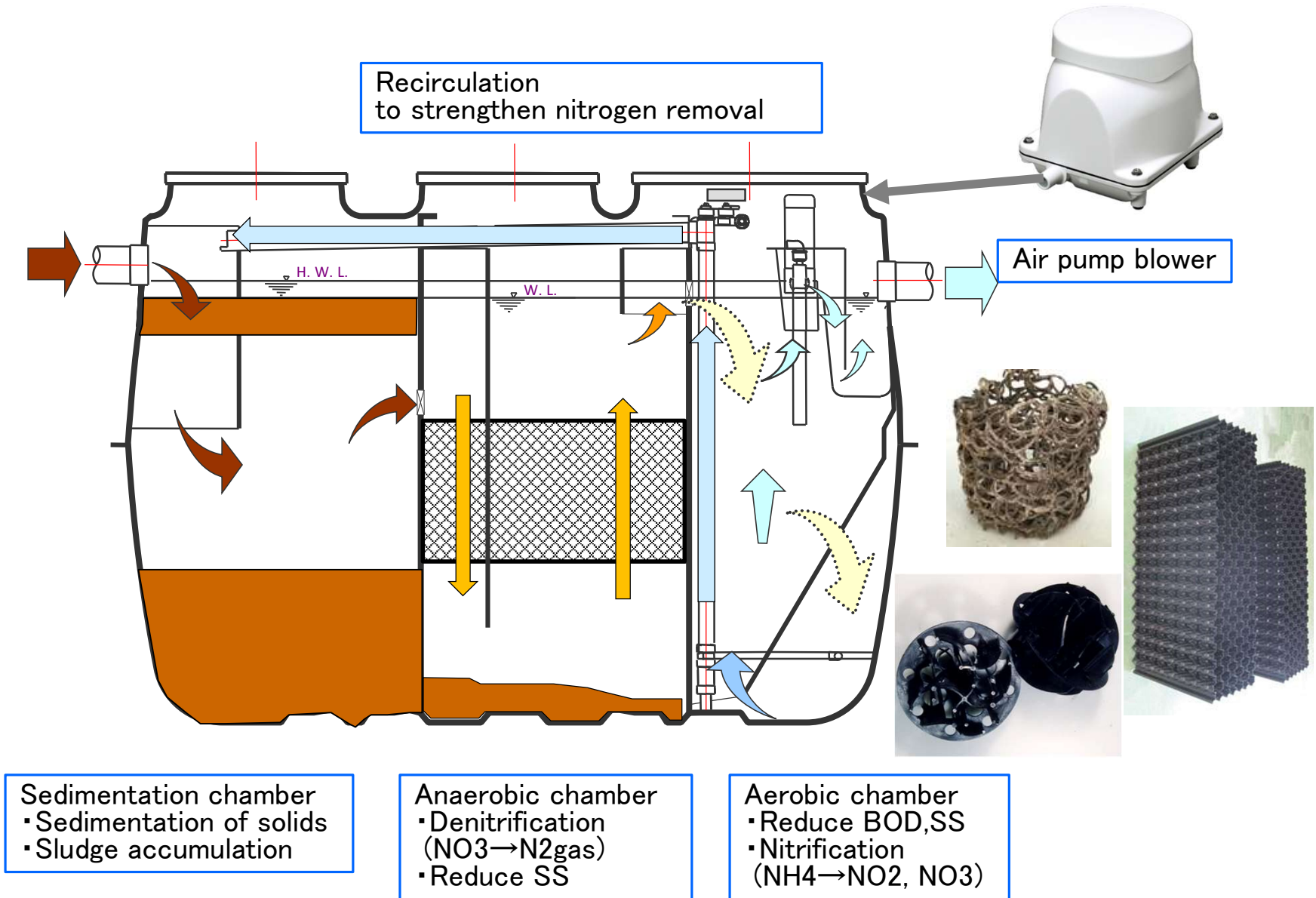
Expected BOD in treated water is under **10mg/l**

When compared 20m³/d system in Japan (/month)

Electric bill	\$100	\$400
Maintenance frequency	1time	4times
Maintenance fee	\$100	\$600
Membrane replace	—	\$100
Membrane cleaning	—	\$100

More energy efficient **6times higher in total**

Simple water treatment flow (small size model)

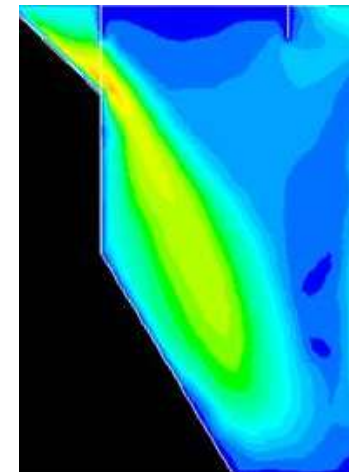
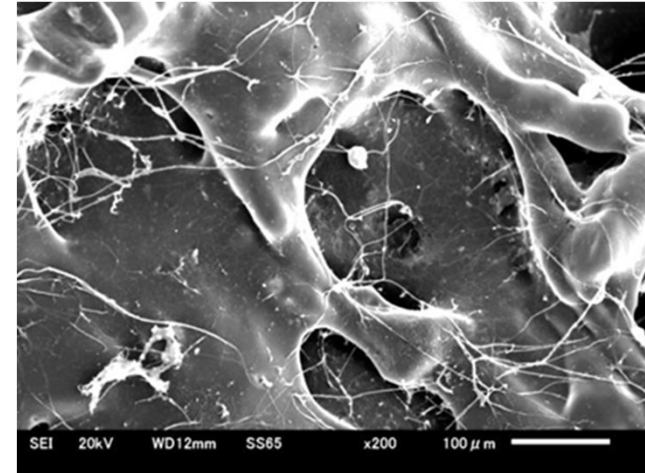


Thorough R&D has developed onsite STP

Media



Biofilm



Fluid analysis

Our system on construction site



Our system on construction site



Important maintenance



NOT GOOD

**Full of sludge
Floating media leaking**



GOOD

**Proper maintenance
Support our system**