

Effective development of sewer infrastructure with decentralized wastewater treatment technology

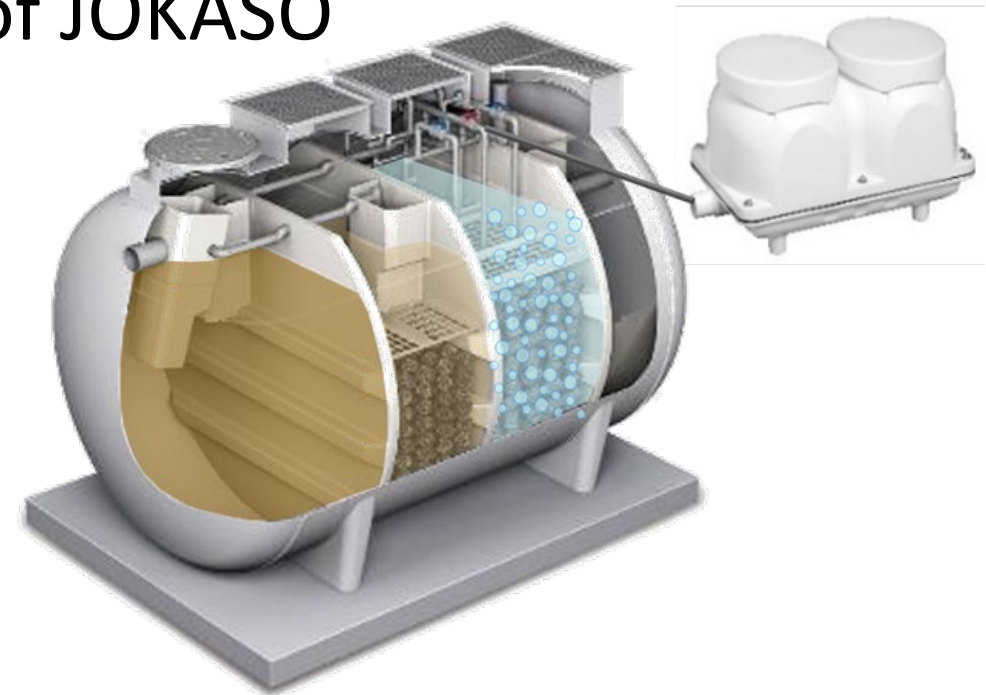


 **FujiClean**
Toward Clean Water...

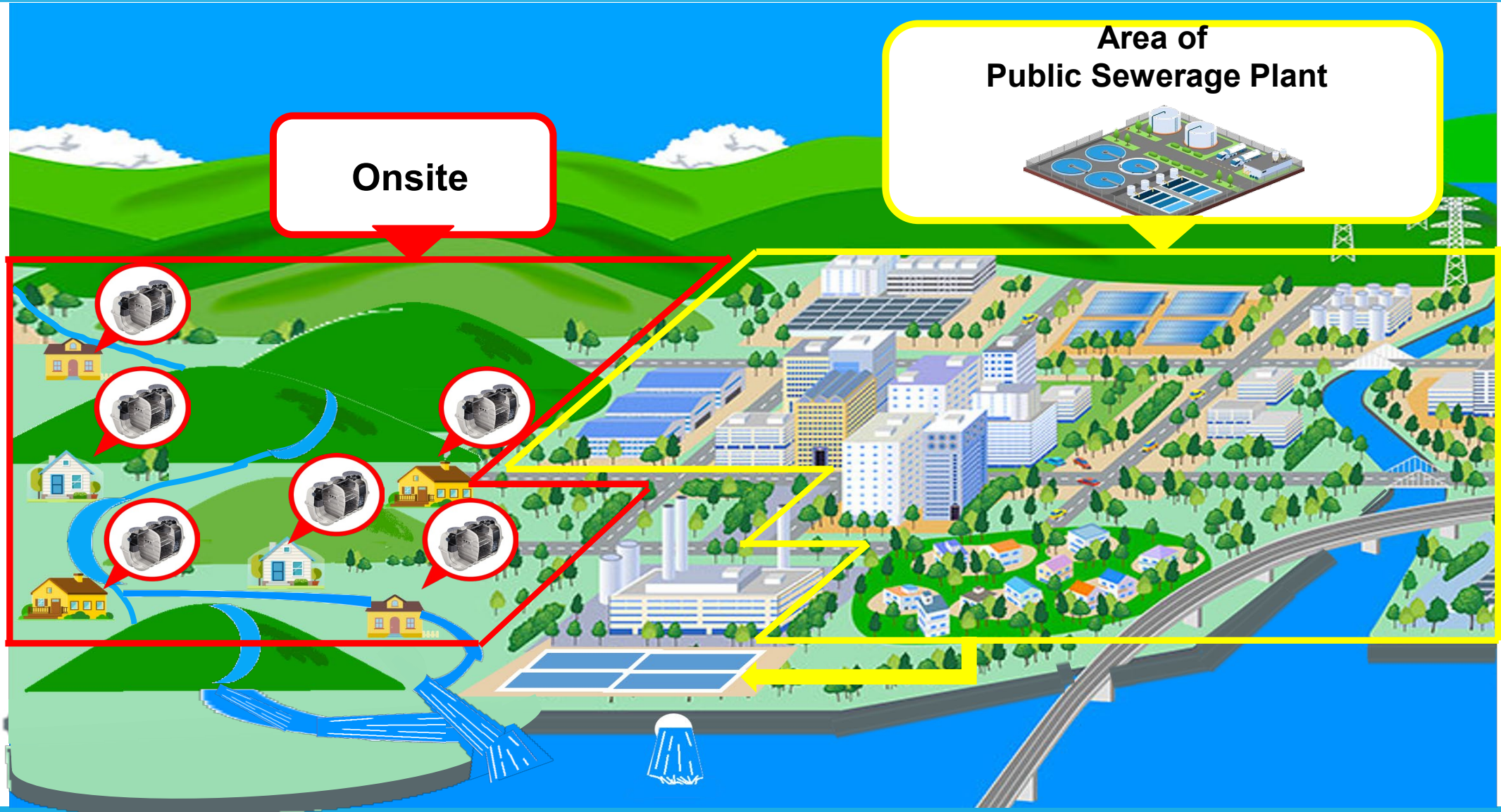
Agenda

Advantages of the on-site wastewater treatment System


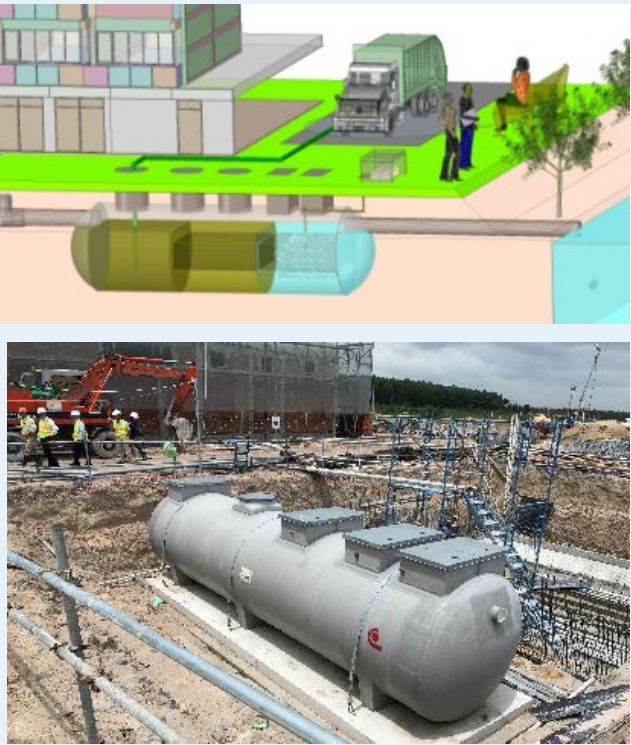

- Effective Development of wastewater infrastructure
- Features of Onsite STP
- What is JOKASO
- Let's see the Processing Flow Movie of JOKASO
- Products
- Easy Installation
- Easy Maintenance (PV model)
- Advantage of FujiClean System
- Various Achievements
- Technologies & Services



Effective Development of wastewater infrastructure



Features of onsite STP

	Septic tank	Onsite STP	Centralized STP
Performance	Organic removal 50%	Organic removal 90% or more	
Feature	<ul style="list-style-type: none"> ▪ Impossible to achieve effluent standards 	<ul style="list-style-type: none"> ▪ Certified technology ▪ Flexible installation good for unfavorable geographical condition 	<ul style="list-style-type: none"> ▪ Capable of treating millions of M3 ▪ Onsite engineers are required ▪ Affected by geographical conditions
Image			

What is JOKASO

“Onsite wastewater treatment” is a term that refers to a wastewater treatment system that is not connected to a sewage facility.



Let's see the Processing Flow Movie of JOKASO

<https://fujicleanglobal.com/about/index.html>

Outstanding wastewater treatment performance

Founded in Japan in 1961, FujiClean has over 60 years of experience developing onsite wastewater treatment system technologies. We have a fully equipped in-house laboratory where dozens of engineers conduct research, testing, and innovation, aiming for continuous improvement and creating high-performance products.

[Learn more](#)

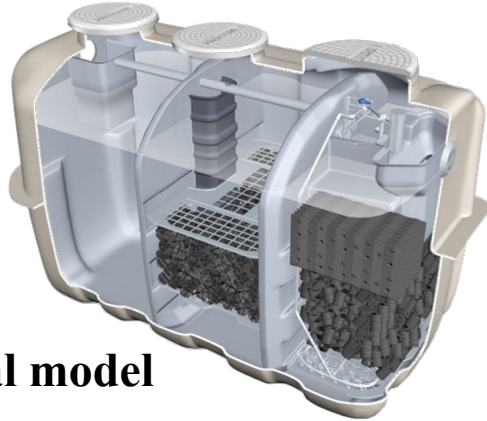


FujiClean
Toward Clean Water

Products

Capsule type
(FujiClean CE, CV model)

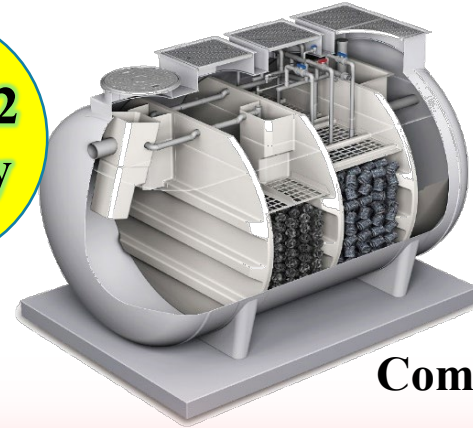
1~10
m³/day



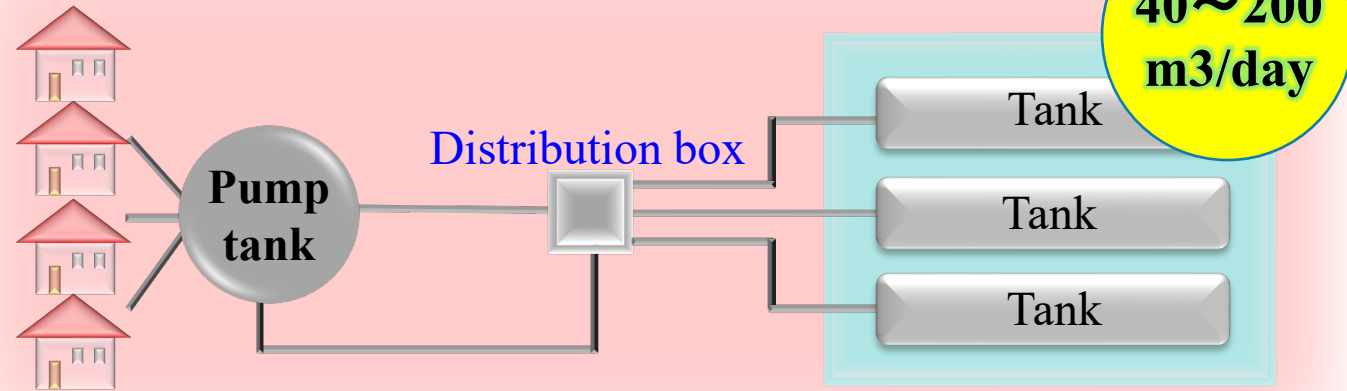
Residential model

Tubular type
(FujiClean PV model)

16 or 32
m³/day



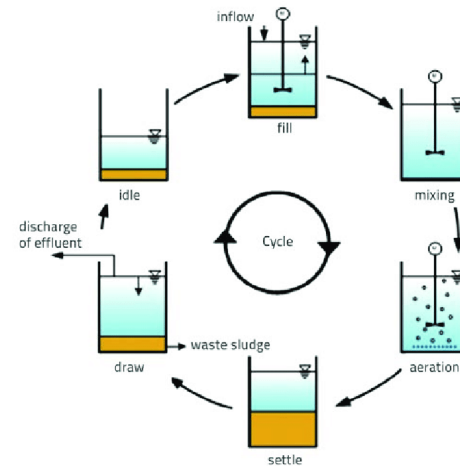
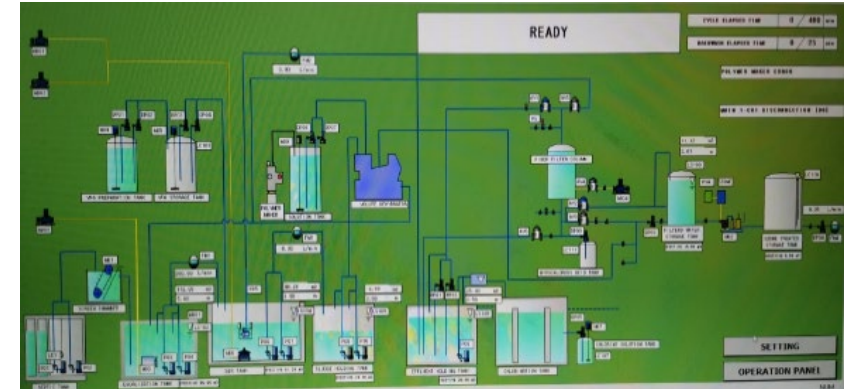
Commercial model



Products

New SBR

- Patented in 2017
- Capable of Treating Nitrogen, Phos and others (Biologically)
- Cheap Operating Expenses due to our own SCADA
- Has all the benefits of a Traditional SBR
- Capable of Upgrading from a Traditional SBR
- Fertilizer



Easy Installation

Excavation work



Fill gravel



Reinforcement work



Base concrete work



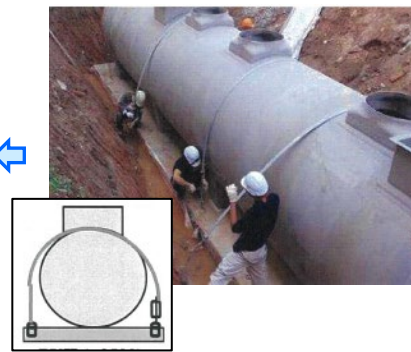
Backfilling



Fill a tank with water



Anti-floating kit



Installation



Air piping work



Reinforcement work



Slab concrete work



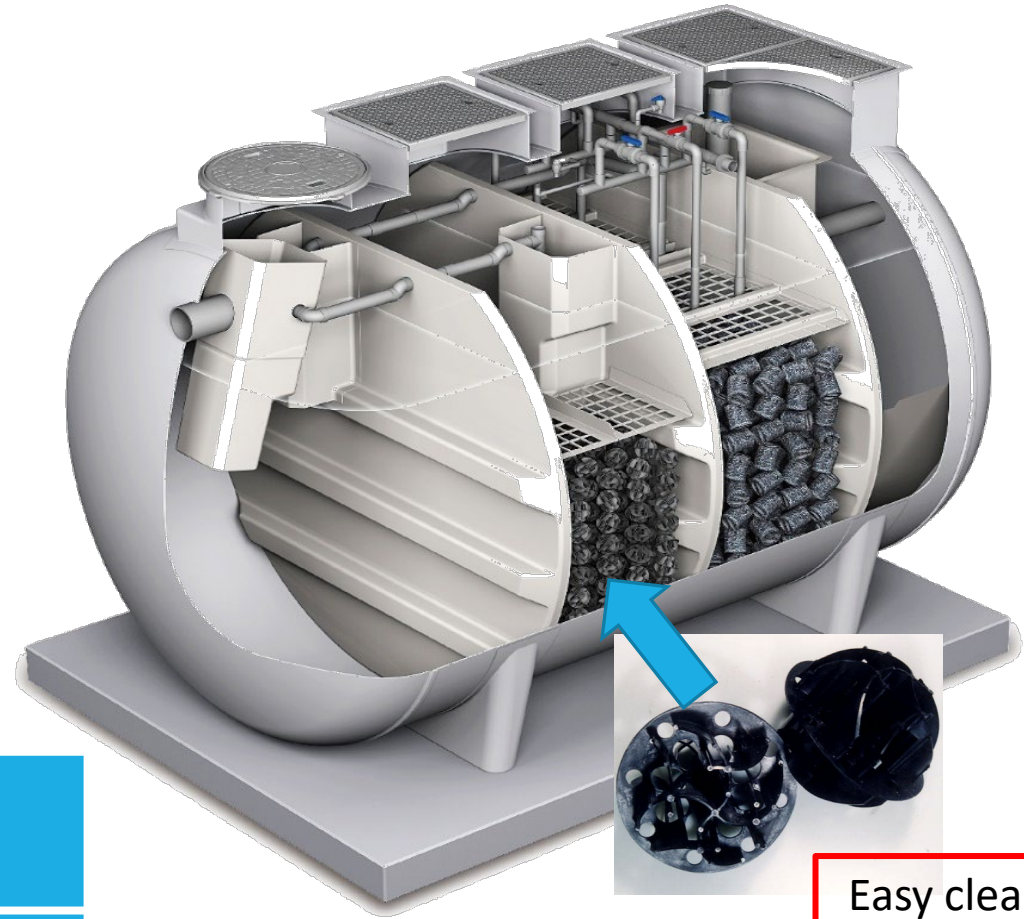
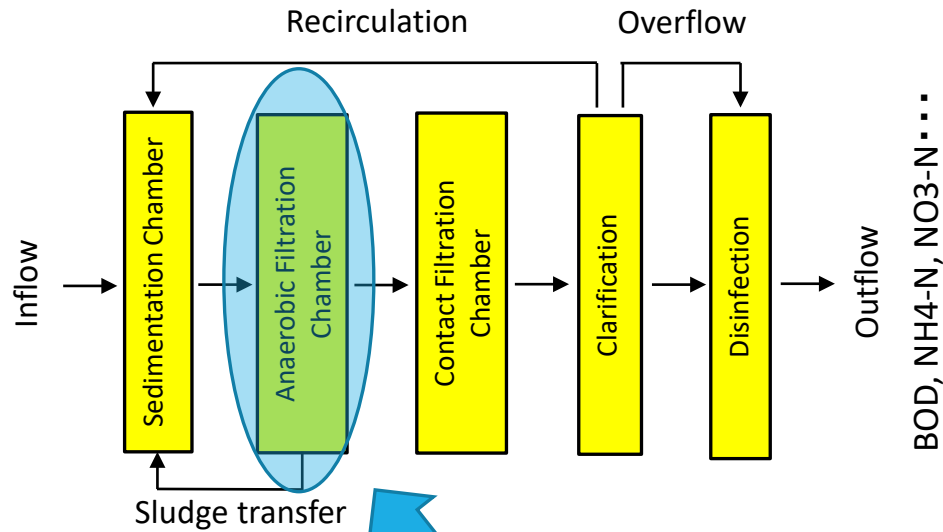
Air pump installation



Only one
blower pipe

No need
a control box.

Easy Maintenance (PV model)



Point

Easy cleaning thanks to a backwash valve.

Maintenance

Every 3 months

Pumping out
scum/sludge

Less than Every 6 months
depending on the sludge accumulation

The lifespan is over 30 years.

Easy cleaning

Advantage of FujiClean System

Certified in 4 countries, Registered in **United Nations Platform**

60 years R&D and **Well-organized automatic molding production line**

No.1 of 42 % Market share in Japan **millions of project** histories

R&D, production of **Original Magnetic Air Pump Blower**



Japan



US



Australia



Germany

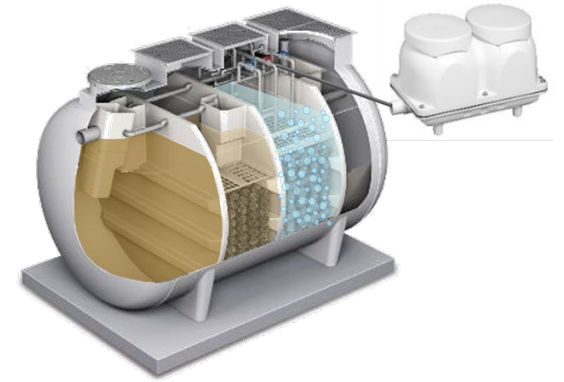


United Nations

Various Achievements



“PVN” system is also scheduled to be installed as a **JICA** project in Baguio 2025.



Products/Technologies of the Company

- On-site Wastewater Treatment System (OWTS) with biofilm that is easy to maintain
- Equivalent treatment performance to centralized wastewater treatment plant
- The system enables to develop wastewater infrastructure in the unfavorable geographical area

Approaching the Development Issues

- Showing the FujiClean product can achieve the DAO-2021-19
- Showing effectiveness of the combination of sewer and FujiClean products.



Our partner company PJW can provide support for construction and maintenance.

Technologies

- FujiClean Jokaso
- New Sequencing Batch Reactor

Services

- Consultation
- Technology Development
- Research

Thank you for your attention

