

SLOW FILTRATION SYSTEM ECO-ROKA

• No Electricity, No Chemical, No Attended Drinking Water System

Features

(1) No Electricity

The energy to be necessary for a filtration system is only potential energy. As it use a pitch difference for the water intake from the rivers, the electricity for the operation of the system is not required.

(2) Delicious water (No Chemical)

The system can make "delicious" water like the natural one to purify through the function of nature without any chemicals for cohesion deposition.

(3) No Attended at the site

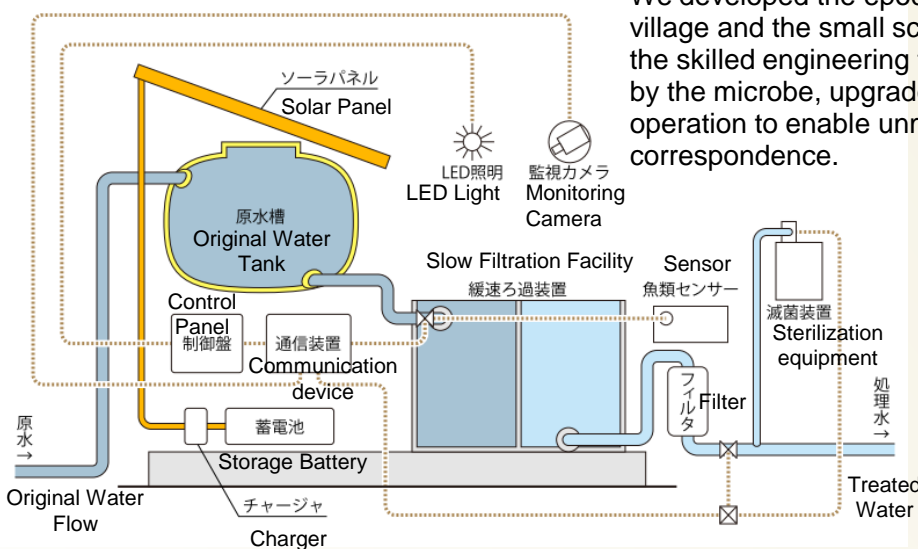
A monitoring camera is installed in each spot of the facilities in order to check the operating conditions with a cell-phone and a PC. That can make it possible , to protect the security and the emergency correspondence additionally to the daily remote control.

(4) Low cost

The simple structure causes durable because it is hard to be broken. Moreover, the construction cost becomes much cheaper than other processing methods. The maintenance cost is also cheap because only the cleaning for the filtration film is required.

Overview (Technical principles, actions, etc.)

Eco-Roka System Flow Outline



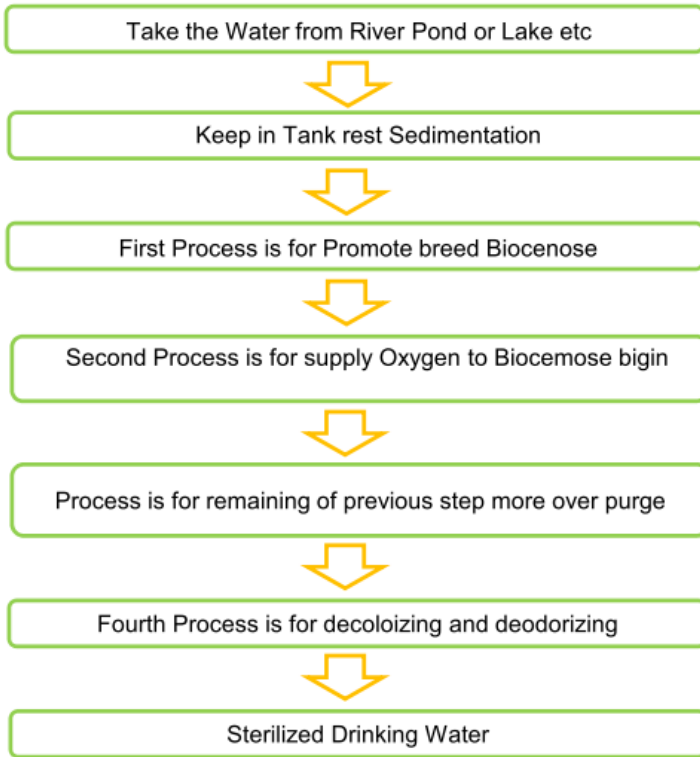
We developed the epoch-making slow filtration system for a village and the small scaled district, which incorporated setting the skilled engineering to promote the natural purification action by the microbe, upgraded to the industrial level and innovative operation to enable unmanned management, emergency correspondence.



Supply of delicious water is enabled by fully utilizing the natural function of the microbe. Recently this traditional method of the slow filtration trends to be reevaluated in Japan.

The specifications shall be individually designed and customized to comply with the various conditions such as the processing capacity, setting space, water intake position, quality of the original water and so on.

Eco ROKA (Filtration) Flow



Effects

【No Electricity】 When a pitch difference is available to the water intake from the rivers, the delicious water can be provided stably at the place where even if supply of the electricity has difficulty.

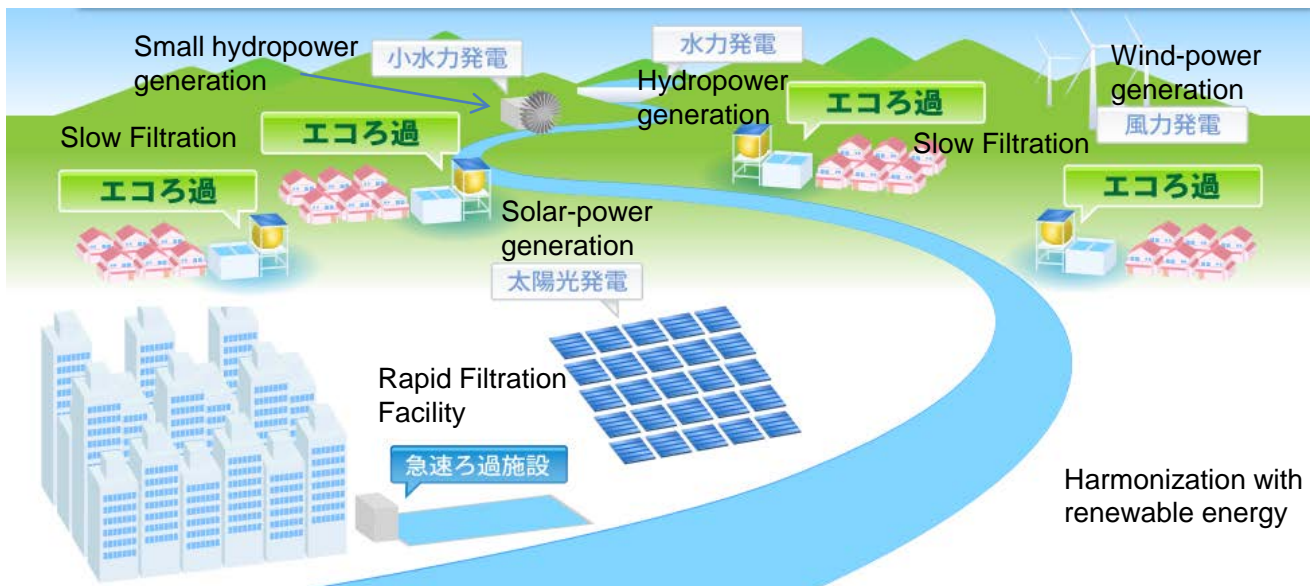
【Delicious water】 Supply of delicious water is possible due to the natural purification function without using the chemical for the cohesion deposition.

【No attended】 Wherever the person in charge can do his inspection and maintenance with cell-phone and the Internet. That also makes the mandatory security measure possible.

【Low cost】 The simple structure causes durable because it's hard to be broken. The construction cost is also much cheaper than other processing methods.

Introductory Track Record

The metropolis and districts of the all over Japan and the local government including cities, towns and villages



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