

Discussion on the Future Sewerage in Kyoto

Whole term

1993.7 ~ 1994.3

(Purpose)

Kyoto prefecture actively carried out various policies for sound wealth and appropriate development since it formulated “The Fourth Kyoto Prefecture Comprehensive Development Plan” in January, 1990. It has enhanced the prevalence of sewerage as an essential facility in order to secure convenience and comfort of urban life and to evolve into a pleasant city where the quality of public water is well managed.

At the same time, international efforts toward solving global environmental problems have recently gone with the stream. Besides, social situation and personal life-style have dramatically changed with the rapid progress of aging society, highly-networked information society, and the change of social economy system.

As these changes gave impact on the sewerage situations, various activities, such as “protection from flood”, “improvement of living environment”, “formation of pleasant city environment”, “conservation and creation of clean water environment”, or “effective utilization of resources by sewerage treatment facilities” are required. In addition, global environmental protection activities, such as formation of sewerage system realizing energy saving/recycle, need to be done actively.

Furthermore, sewerage, which is under construction for the prevalence in many towns of Kyoto, is going to enter the period of full-scale maintenance in the 21st century.

Therefore, efficiency of maintenance system, partnership, and financial base should be improved.

Under these circumstances, Kyoto prefecture is formulating “Kyoto Prefecture Future Sewerage Plan” in order to set the guidelines for the policy towards sewerage in the 21st century. Accordingly, this survey multi-laterally explored a new possibility of sewerage in Kyoto in the 21st century.

(Results)

The Future Sewerage Plan was nicknamed “SUMIZUMI Kyoto – IROHA Project 21”. “SUMIZUMI Kyoto” means that the aim of the plan is to clean the water throughout the communities, and it describes the general plan to achieve clean Kyoto. In the meantime, “IROHA Project 21” was planned to achieve “SUMIZUMI Kyoto”, and the name implies comprehensive thinking about the future sewerage before the coming 21st century.

This plan established the following three harmonies as the basic philosophy.

- Harmony between sewerage and the citizens of Kyoto.
- Harmony between sewerage and the communities.
- Harmony between sewerage and the environment.

To create these three harmonies, targets and three basic policies were set respectively. In addition, on the basis of the three basic policies, the following fundamental projects were proposed:

Promotion of prevalence of sewerage	Creation of clean energy
Project PR	Promotion of stormwater measure
Introduction of advanced treatment	Regional sludge treatment/recycling
Effective use of treated water	Maintenance/business operation
Effective use of sewerage facility	

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Keywords

Kyoto prefecture, future sewerage plan