

OUR COMMITMENT FOR 2019-20

International Affairs Department

1. INTRODUCTION

It's been eight years since JS established the "International Affairs Department" in April 2011 for its global presence. In this first newsletter of the fiscal year, the international affairs Department expresses its determination for 2019-20.

For over forty years, JS has been working on the planning, designing, and constructing municipalities' sewage works and implementing R&D, and offered training programs. Besides, as one of the global cooperation activities, JS has been sending over 130 engineers to developing countries as Japan International Cooperation Agency (JICA) experts. International Affairs Office aims to facilitate the utilization of "technical and human resources" and support for "global water business" that the Japanese government promotes. The global water business environment has changed dramatically in the eight years since International Affairs Department started.

2. LEGAL REVISION

The Japanese government aims to get 30 trillion yen's infrastructure contracts per year in its Future Investment Strategy 2017 **and has set the** "Infrastructure System Export Strategy" as a policy. The policy specifies the Ministry of Land, Infrastructure, Transportation, and Tourism (MLIT) shall deal with plan development, management, and O&M in the field of railway, airport, port, housing, and urban development. The strategy aims to establish the scheme allowing public institutions and private companies to promote the export of infrastructure systems.

In such background, the Japanese government enforced the "Law relating to the promotion of Japanese business' entry into public infrastructure projects in the global market" on August 31, 2018. The law significantly expands JS' international operation that Sewage Law used to have no specification.

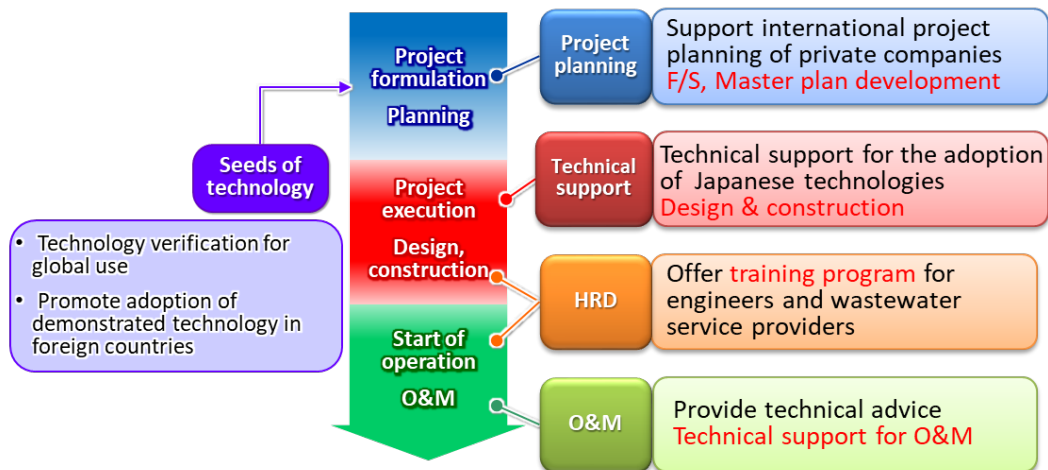
The new law specifies JS shall provide technical support to planning developments, project executions, or O&M at the sewerage improvement projects carried out in foreign countries to achieve the purpose of the law by following the basic policy.

3. REQUIRED NEW MISSION TO JS

JS has dispatched its experts to foreign countries, provided training programs, contributed to the development of international standardization, and offered technology verification for global application. From now on, JS is expected to support domestic companies in every phase of sewage works based on the new law.

In addition to the current operations, we suppose JS will support each stage of wastewater projects, such as master plan development, feasibility study, design, tender, construction, and operation management. We consider that JS is required to propose project specifications facilitating the global presence of domestic companies/technologies and offering checking functions to enhance the reliability of projects.

For example, in wastewater projects in foreign countries, JS plans to support the master plan development and design that enable the proposal of project specifications using Japanese technologies by using JS' criteria or standards development know-how. In the stage of design, accumulated design know-how of domestic projects reduces mistakes in the design stage and promotes "high-quality infrastructure." Besides, this attempt can reduce the defect liabilities left to private companies that execute the design of sewerage systems.



JS' support system at each stage of the wastewater project

After the "Law relating to the promotion of Japanese business' entry into public infrastructure projects in the global market" was enforced, JS contracted proof engineering on deliverables of a feasibility study from JICA. The proof engineering that estimates the feasibility study on the Bangalore water supply and sewerage project aims to improve the quality of the design in the next stage. Besides, JS, as a public institution, can help establish a relationship between domestic private companies and governments or municipalities in foreign countries.

4. OUR THE CONCLUSION

The enforced new law expands options for joint operations between the Japanese government, municipalities, and private companies in the contributions to the global water business and enhances the effect of these activities. JS will continue to support cities and private companies in their worldwide contribution and participation in the global water business. Besides, JS has enhanced the function of its International Affairs Department and international operations.

Welcoming the new Era of Reiwa, we will start our conventional operations fresh. We will be happy if we can help you. We are looking forward to working with you again next year.