

## Municipal Water and Wastewater Treatment Equipment Markets in Hong Kong and Singapore

**Description:** This Frost & Sullivan research service titled Municipal Water and Wastewater Treatment Equipment Markets in Hong Kong and Singapore provides an overview of the forecasts for the water and wastewater treatment equipment markets, along with a complete analysis of drivers, restraints, and market trends that are influencing the revenues of this market. In this research service, Frost & Sullivan's expert analysts thoroughly examine the following technologies: gravity separation, membrane systems, and disinfection and instrumentation equipment.

### Increasing Complexity of Contaminants Improves Revenue Inflow in the Municipal Water and Wastewater Treatment Equipment Markets in Hong Kong and Singapore

With municipalities showing greater willingness to use advanced treatment systems for eliminating complex contaminants, the mature municipal water and wastewater treatment equipment markets in Hong Kong and Singapore are poised for a revival. Egged on by the need for optimal water treatment solutions, municipalities are likely to increase the uptake of various membrane systems such as membrane bioreactors, UV disinfection systems, ozone equipment, and high efficiency clarifiers. The increasing relevance and acceptance of advanced treatment systems are likely to boost the sales of traditional as well as futuristic treatment equipment, especially during the second phase of the water and wastewater networking project.

"Increasing public awareness about water contamination, its effects on health, and the importance of wastewater treatment has exerted enormous pressure on the Governments to implement new regulations and legislations," notes the analyst of this research service. "It has also compelled water and wastewater treatment companies to employ the best technology and tools to ensure the safety and quality of water supply." Reacting to these trends, market participants have reduced the price of treatment equipment such as membranes as well as ultra and nano filters, while the Hong Kong market has certified new disinfection and clarification techniques. These measures are expected to go a long way in reviving the market.

### Domestic and Overseas Manufacturers Battle for Space in the Singapore Municipal Water and Wastewater Treatment Equipment Market

Participants in the Singapore as well as Hong Kong water and wastewater treatment equipment market are facing intense competition from the large quantities of imports from the United States, Germany, China, the Philippines, and Japan. Singapore, particularly, has enticed overseas manufacturers with low import tariffs and tax incentives on environmental products. "Its tax mechanism enables companies to claim tax deduction on expenses incurred through outsourcing R&D to any local or foreign-based organization," says the analyst. "There is provision for 100.0 percent write-offs on capital expenditure for numerous treatment equipment, making this country an attractive destination for investment."

While this influx of foreign participants poses several apparent challenges to domestic companies, foreign companies will not find the going easy either. Local manufacturers will be compelled to diversify into production of spare parts for instrumentation and accessories and disinfection due to the prohibitive capital costs of manufacturing, whereas foreign companies will be hard pressed to meet overwhelming after-sales service and maintenance requirements. Overseas companies must also address the competition from domestic manufacturers that provide increasingly economical emission trapping equipment, geographic diversification, product advertisement, and market positioning. Such competition is expected to encourage participants to innovate, thereby driving sales.

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