

In the medium to long term, the market's prognosis is excellent. Rising standards of living, and heightened concerns of water quality and human health will likely result in large fiscal allocations for improved water infrastructure at the municipal and state level.

- A new concept of municipal sewage treatment has been developed by the Karnal Agricultural Research Institute. Sewage is pumped into a plot of land where eucalyptus trees are planted and can be used for commercial purposes. The MoEF is looking to repeat this innovation in other cities.

Technology Opportunities

India's local planners are looking to foreign companies for the transfer of water and wastewater management skills and technical know-how. Domestic companies, particularly engineering firms, are seeking joint venture arrangements. Also, state governments are making overtures to attract water infrastructure debt financing, either on market or concessional terms.

India's water infrastructure technology interests are fairly straightforward:

- Sludge dewatering systems;
- Sewer construction;
- Aeration systems;
- Anaerobic, aerobic, ozonation, ultrafiltration and reverse osmosis water purification and wastewater treatment systems.

Penetration of India's water and wastewater market over the short term will likely be through systems planning, training and technical upgrading contracts. This is one strong suit of Canada's vigorous water-based engineering, management and technology sector. The country's municipalities are keen to establish an understanding of their needs through relationships with off-shore firms, prior to approving major infrastructure expenditures.

Canadian Technology in Action

- R.V. Anderson Associates Ltd. (Ottawa, Ontario) reached an agreement with the Municipal Corporation of Greater Bombay to improve operations of the Bombay sewage system. The company will provide technical and engineering expertise, as well as training and development of manuals and operations procedures. The 6-year \$2 million project is funded by the World Bank, and is the foundation of a potential water infrastructure project in Bombay. The Ontario Clean Water Agency, the Regional Municipality of Ottawa-Carleton are a part of R.V. Anderson's team.