

Science and Technology in
Singapore
By
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1. Singapore: S&T Opportunities for Canada

Singapore, as it focuses on transforming itself into a knowledge based economy, presents many collaborative opportunities for Canada, given that both Singapore and Canada are currently embarking on a period of increased focus on science and technology (S&T). While it has a relatively short history of innovation, Singapore has recently been investing heavily in S&T as it progresses along the path of changing its economic focus from being investment-driven to being innovation-driven. Within the attempts to move from a value-added economy to a value-creation economy, Singapore aims not to abandon, but instead to innovate, the ever-important manufacturing sector. The island nation has demonstrated that it recognises the value of an increased intellectual property capacity, and has implemented measures to foster. In sum, S&T funding has become one of the Singapore government's top priorities.

The Trade Section of the Canadian High Commission in Singapore has targeted the following sectors as presenting opportunities for Canadians in the field of Science & Technology:

- **Life Sciences and biotechnology** are relatively new sector focuses for Singapore. The Singapore government is implementing the Biotechnology Cluster Plan (B2000) with the strategic intent of developing Singapore into a leading biotechnology hub for discovery, development, manufacturing and services.
- **Information and communications technology, electronics, advanced manufacturing technologies, chemical and engineering sciences, and environmental technologies**
The electronics, infocomms and advanced manufacturing areas, as well as chemical and engineering sciences, focus on general research as well as that which can be used to enhance Singapore's manufacturing industry.
- **Environmental Technologies**
The environmental technologies in Singapore are focussed on dealing with environmental issues important to Singapore, including waste management and water purification technologies.