

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

Germany is a reservoir of leading-edge technology in Europe. With a population of 82 million and a GDP of more than CAN\$ 3.2 trillion, it remains the largest economy and a key R&D funder in Europe. Because of its size, location in the heart of Europe, and specifics of its S&T profile, Germany presents opportunities for Canada for research collaboration in a wide range of R&D based leading-edge and commercially proven technologies.

The following have been identified by the Canadian Embassy S&T office as the key priority areas in which Germany has a significant world-class expertise:

- Biotechnology and Genomics
- New Materials
- Lasers and Photonics
- Environmental R&D
- Industrial Machinery (including Robotics and Production Engineering)
- Information Technology and Multimedia
- Innovation and S&T policy/program strategies

The driving force behind Canadian-German S&T relationship has been the Bilateral S&T Cooperation Agreement which was signed in 1971. To date under the aegis of the Agreement, over 500 projects in 14 sectors have been carried out, with more than 100 projects in the pipeline at any time.

In addition, the Embassy's S&T office is continually engaged in assisting Canadian business (mainly SMEs) and other clients in the:

- Facilitation, enhancement and coordination of bilateral and multilateral R&D collaboration
- Acquisition of commercially proven leading-edge German technologies (IRAP-TIP activity)
- Provision of market intelligence on German S&T and Innovation policy/programs
- Promotion of technology oriented investment partnerships (eg. Biotechnology, Advanced Materials)