

PART I: Published Results-based Plan 2006/07

MINISTRY OVERVIEW

Places that invest in innovation, that stoke the creativity of people, that market their ideas most effectively will become the home to the most rewarding jobs, to the strongest economies and to the best quality of life. The government wants Ontario to be the place where innovation is inevitable.

But prior to the creation of the Ministry of Research and Innovation (MRI), the province's investments in innovation were spread over numerous ministries, with numerous agendas — vision and strategy were lacking.

MRI was launched in June 2005 to deal with this challenge. Its mandate and priorities are to:

- Develop and lead an integrated and coherent innovation agenda to deliver excellence, performance and results.
- Align and coordinate the Ontario government's investments (programs and structures) to deliver the agenda.
- Foster a culture of innovation and showcase Ontario, nationally and internationally, as an innovation-based economy and society.

The government is investing nearly \$1.7 billion during the five-year period ending 2009-10 in research and innovation initiatives.

MRI works in close partnership with the Ministry of Health and Long-Term Care; Ministry of Agriculture and Food; Ministry of Training, Colleges and Universities; Ministry of Culture; Ministry of Finance; Ministry of Environment; Ministry of Natural Resources; Ministry of Transportation; Ministry of Economic Development and Trade; Ministry of Northern Development and Mines; Ministry of Intergovernmental Affairs; Ministry of Public Infrastructure Renewal; Ministry of Energy; Ministry of Education and Cabinet Office, Policy on research and innovation initiatives.

Government programs focused on research and innovation will support and recruit top-notch research talent, help move our innovative ideas rapidly from the lab to the global marketplace and promote Ontario as an innovative and progressive economy that offers a quality of life that is second to none. Success means more highly skilled people working in a more robust and productive economy. It means better jobs and brighter communities. And it means supporting the government's Strong People, Strong Economy priority.

MRI STRATEGIES

MRI will concentrate on three main strategies in 2006/07 to help deliver on its mandate and priorities:

Innovation

- The ministry will work with the Ontario Research and Innovation Council (ORIC) to develop a targeted plan to promote research and innovation in Ontario. ORIC's role is to deepen our understanding of how and where innovation happens in the province, and to advise the government on a strategy that keeps Ontario's economy strong by leveraging our creative potential.
- Inter-ministerial alignment and coordination of research and innovation activities through the Deputy Minister's Innovation Committee and supported by Assistant Deputy Minister and Director Working Committees.

Research and Commercialization

- The ministry will launch new programs to support the commercialization of research that will enable ideas to move more rapidly from the lab to the marketplace.
- Continue to deliver research and commercialization programs effectively within a strong accountability framework.
- Create momentum for commercialization activities and set the stage for further expansion following advice from ORIC.
- Work with the federal government to align each government's research and commercialization programs/initiatives, and secure appropriate federal funding to ensure maximum benefit to Ontario researchers and industry.

Outreach and Promotion

- Showcase and celebrate Ontario's research and innovation success across the province, the country and the world. The ministry will promote Ontario as an innovative economy, targeting the public and a wide range of stakeholders, including business leaders and employees, researchers, educators and students.
- Foster a culture of innovation in Ontario.

MRI RESPONSIBILITIES - Programs and Investments Focus

Innovation

- Obtaining reports/recommendations from ORIC advising the government on:
 - Comparisons between Ontario and other jurisdictions;
 - Ontario's strengths;
 - Barriers to greater success;
 - Ontario's future priorities;
 - Focus of Ontario provincial investments; and
 - Government structure to deliver the innovation agenda.
- Mechanisms and culture to support horizontal alignment (alignment across ministries):
 - Internal – use Innovation Deputy Minister's Committee and lever other inter-ministerial forums.
 - External – enhance collaboration with federal and provincial governments, international stakeholders, the private sector and the research community.

Research and Commercialization

- Delivering approved research and commercialization programs — including new pilot projects focusing on key sectors and regional development opportunities using the Ontario Commercialization Network, MaRS Discovery District and the Ontario Centres of Excellence.
- Managing relationships with the federal government on alignment of programs.
- Working with stakeholders to develop and implement a venture capital strategy.

To strengthen and promote Ontario as an innovative economy, the Ministry of Research and Innovation is investing nearly \$1.7 billion over the five-year period ending 2009–10 through research, commercialization and outreach programs. This total includes the following new initiatives announced in the 2006 Budget:

- \$100 million for the Perimeter Institute for Theoretical Physics and the Institute for Quantum Computing in Waterloo;
- \$17 million for three new awards to recognize new research and innovation talent;
- \$25 million for the establishment of the Premier Summit Awards program to support excellence in medical research;
- \$16.2 million to support the development of Phase II of the MaRS Discovery District; and

- \$160 million to accelerate commercialization and the growth of innovative startups:
 - \$46 million to help startup companies become more investor-ready by acquiring business management and entrepreneurial skills, as well as support for angel networks (venture capital);
 - \$90 million to invest in early stage Ontario-based innovative firms; and
 - \$24 million to encourage the development and commercialization of new bio-based environmental and alternative energy.

The ministry will also continue to manage the following approved programs:

- Ontario Centres of Excellence
- Ontario Institute for Cancer Research
- Ontario Research Commercialization Program
- Ontario Research Fund
- Technology Innovation Programs

The ministry will also continue to support previous commitments under the following programs:

- Premier's Research Excellence Awards
- Ontario Research and Development Challenge Fund
- Ontario Cancer Research Network

Outreach and Promotion

- Developing and delivering an overarching strategy for public and stakeholder outreach and promotion, including:
 - Strategies targeted to key audiences — in Ontario and globally.
 - Strategies targeted at building awareness and commitment within the Ontario Public Service.
- The 2006 Ontario Budget provided \$17 million over the next five years for the following three new programs to recognize new research and innovation talent:
 - \$4 million for five annual “Innovators Awards” awarded to researchers who have demonstrated excellence in innovation and entrepreneurship.
 - \$6 million for four annual “Senior Researcher Awards” to celebrate Ontario’s finest internationally recognized senior researchers.
 - \$7 million for 40 annual “Ontario Post-Doctoral Fellowships” to help retain and attract post-doctoral students in the Ontario research institutions.

The ministry will also continue to manage the Science and Technology Connections and Partnerships program that will help connect scientists with Ontario's youth.

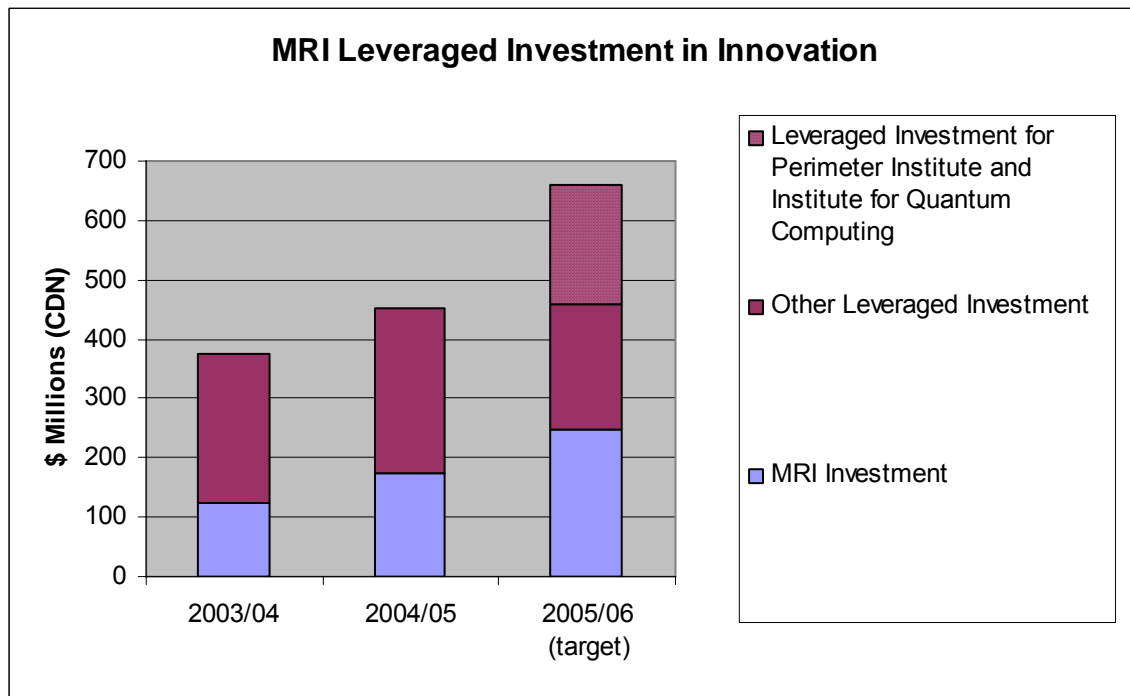
LEGISLATION

- No legislation has been assigned to MRI.

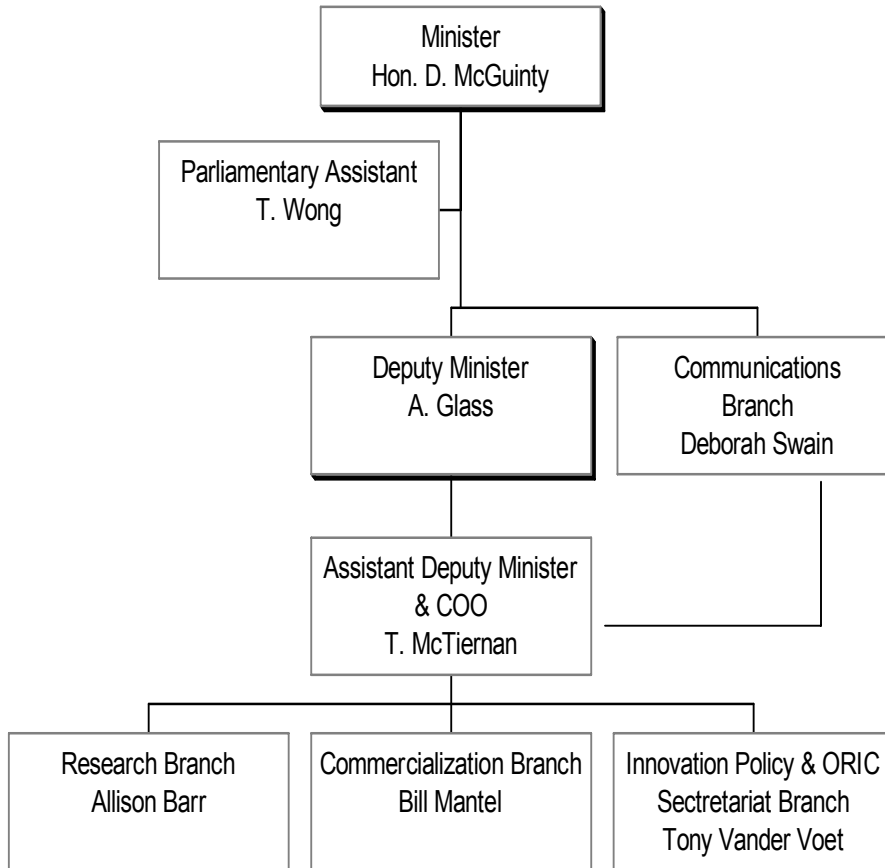
PERFORMANCE MEASURE

Leveraged investment measures the research and commercialization dollars that provincial spending brings in from other sources. It is a significant indicator because it shows the financial participation of the private sector, the federal government and other parties in Ontario's research and commercialization initiatives.

The increase in leveraged investment since 2003/04 has helped the province to build leading-edge research infrastructure, attract and retain talented researchers and supported commercialization for a prosperous economy. Equally important, joint funding has helped create partnerships; bringing universities, industry and government together to help in the application of new science and technology to successful business endeavours.



ORGANIZATION CHART



Agencies, Boards and Commissions (ABCs)

Advisory Agencies

Ontario Research and Innovation Council

The government created the Ontario Research and Innovation Council (ORIC) in Fall 2005 to act as a key resource to government in developing a long-term strategy for research and innovation. ORIC reports directly to the Premier of Ontario. ORIC has been charged with providing advice on the following: all matters related to research and innovation; Ontario's comparative (national and international) performance in research and innovation and strategies to improve Ontario's position; the impact of Ontario's investments in research and innovation; strategies to improve the ability of business to utilize the outputs of universities and public research organizations; and actions to foster improved collaboration between the public and private sector on research.

Ontario Research Fund Advisory Board

The Ontario Research Fund Advisory Board is an advisory committee that assesses applications to the Ontario Research Fund (ORF) and to the Research Talent Development (RTD) Program. The Board makes recommendations to the Minister based on a project's merit and alignment with the respective program's goals and provide advice and assistance to the Minister as may be required. The ORF is a focused research program that provides infrastructure, operating and overhead funds to support leading edge R&D in Ontario's research institutions. The RTD will support early career researchers with recognized potential.

PUBLISHED RESULTS-BASED PLAN 2006/07
MINISTRY FINANCIAL INFORMATION
Table 1: Ministry Planned Expenditures 2006/07

	Ministry Planned Expenditures (\$M)
Operating	262.3
Operating Assets	8.6
Capital	82.6

Table 2: Ministry Planned Expenditures by Strategy Name 2006/07

Program Name	Ministry Planned Expenditures (\$M)
Operating	
Innovation Strategy	8.2
Outreach and Promotion Strategy	2.4
Research and Commercialization Strategy	249.9
Ministry Administration	1.8
Total Operating	262.3
Operating Assets	
Research and Commercialization Strategy	8.6
Capital	
Research and Commercialization Strategy	82.6