

# Results-based Plan Briefing Book 2009-10

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Ministry of Research and Innovation

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## PART I: Published Results-based Plan 2009-10

### MINISTRY OVERVIEW

Innovation is key to creating a strong economy and rewarding jobs that families can depend on today and in the future. A vital component of Ontario's five-point economic plan, fostering innovation-driven, globally competitive industries is a priority for the province.

Launched in 2005, the Ministry of Research and Innovation (MRI) is focused on strengthening Ontario as a leading, innovation-based economy and society where innovative thinkers can flourish and innovative ideas are rewarded.

#### Ministry Vision

- Foster a culture of innovation and showcase Ontario, nationally and internationally, as a place where innovation is happening.

#### Ontario's Innovation Agenda

In April 2008, MRI launched the \$3.2 billion **Ontario Innovation Agenda**, a strategy to make innovation a driving force of the Ontario economy. The agenda lays the foundation to implement and deliver flagship ministry initiatives that support a strong, innovative economy and good jobs for Ontario families. Key elements of the agenda are:

"It's encouraging to see the long-term commitment to excellence in both basic and applied research. This gives us the foundation for the great discoveries of the future."

*Dr. John Evans, Chair, MaRS Discovery District*

- Government acting as a catalyst for innovation and commercialization – and committing the necessary resources to do this effectively
- Investing significantly in peer-reviewed research excellence that will create jobs, a cleaner environment and better healthcare for Ontario families
- Focusing government investments on research and industries where Ontario has a global competitive advantage
- Streamlining and modernizing government programs and processes to move faster – at the speed of business
- Invest in, generate and attract a workforce with first-rate skills in science, engineering, creative arts, business and entrepreneurship.

## Driving Forward Tomorrow's Innovation Economy: Priority Areas

The innovation agenda will guide investments in areas where Ontario is or will be identified as a global leader. Here are our priorities:

- Tackling climate change through bio-based, environmental, alternative energy and clean technologies
- Making the world a smaller, better, more creative (and more connected) place – through breakthroughs in digital media, and information and communications technologies
- Conquering disease through the life sciences, biotechnology, advanced health technologies and pharmaceutical research.

The Centre for Research and Innovation in the Bio-economy in Thunder Bay will focus on commercializing new bioproducts, such as eco-friendly fuels, composites and chemicals, and replacing products and services which have traditionally relied on fossil fuels that contribute to climate change.

## 2009 Budget - Strategic Investments in Innovation

The 2009 Budget demonstrates Ontario's continued commitment to making innovation a key pillar of the government's five-point plan to create a stronger economy and provide jobs and a high quality of life for families. Investments in research and innovation include:

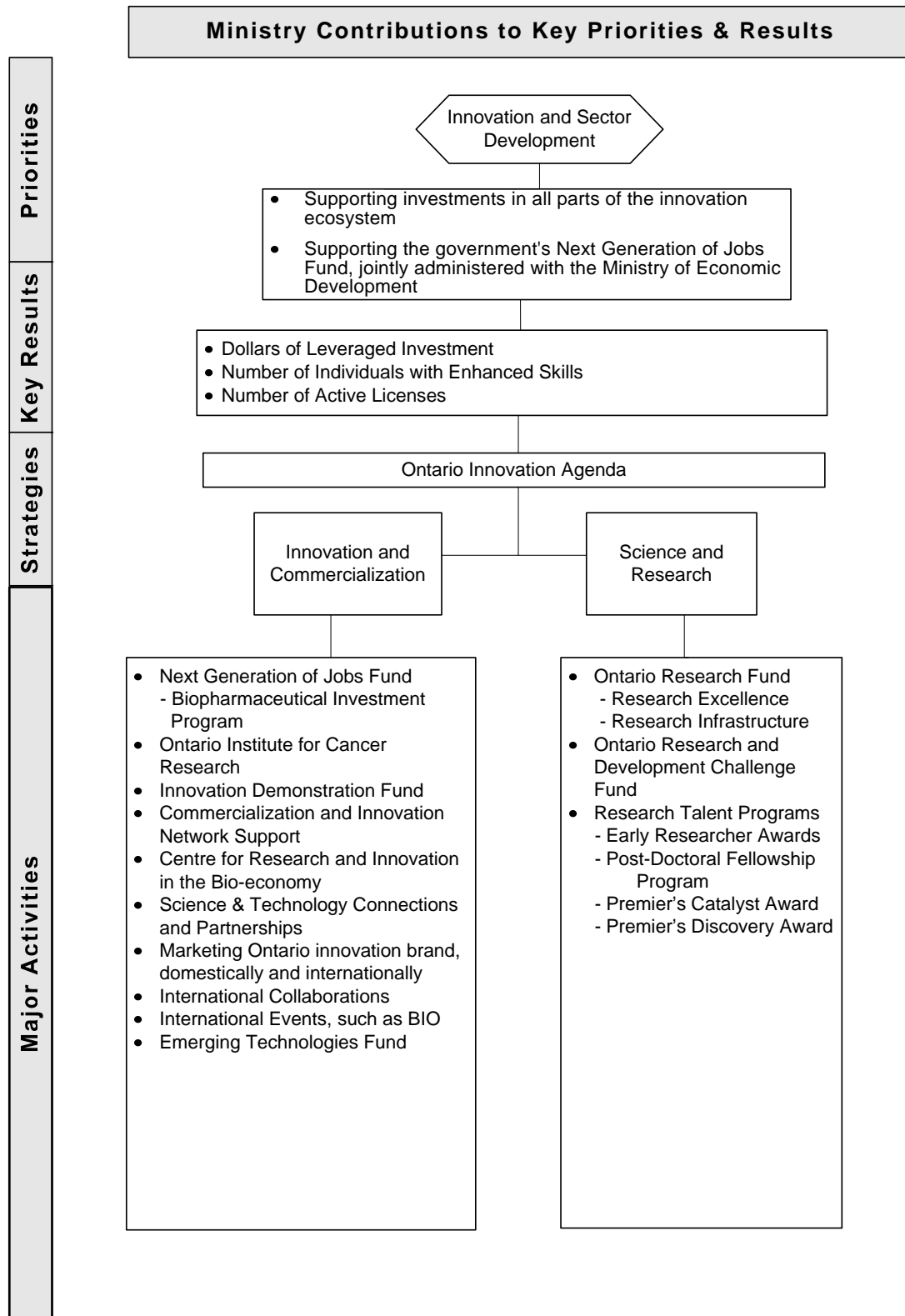
- **\$300 million** in capital funds over six years for **research infrastructure**, which will be available to leverage funding from the federal Canada Foundation for Innovation
- **\$100 million** in additional operating funds over four years for research performed in the biomedical field, focusing on genomics and gene-related research. This funding, as well as the funding for research infrastructure, will be delivered through the **Ontario Research Fund**.
- **\$250 million** over five years for a new **Emerging Technologies Fund** that will focus on clean technologies, health and life sciences, and information and communication technologies, including digital media.
- **\$50 million** over four years to enhance the successful **Innovation Demonstration Fund**.

"[These] investments demonstrate the Premier's continued leadership on higher education and recognition of its importance in driving innovation, economic growth and social well-being."

*Dr. Peter George, Chair, Council of Ontario Universities, and President, McMaster University.*

- **\$10 million** over three years to the **Colleges Ontario Network for Industry Innovation** to assist small and medium-sized enterprises with hands-on applied research, technology transfer and commercialization.
- **\$5 million** to support the **Ontario Genomics Institute**, an important partner in fostering genomics research in Ontario, including the administration of Genome Canada research projects awarded in Ontario.
- **\$1.2 million** in ongoing operating funding beginning in 2009–10 to the **Toronto Region Research Alliance (TRRA)**, a non-profit organization actively working to strengthen Toronto's ability to attract and grow innovative, research-intensive companies.

The global recession has been unprecedented in both its speed and severity. That is why the government has been equally swift in its response. Decisive action has been taken to shift priorities, addressing the pressing needs of innovative emerging companies. The Strategic Opportunities Program was an innovative program that generated a great deal of interest from industry. However, the downturn in the economy has radically altered the climate for growing an innovative company in Ontario. Accordingly, the government is shifting its resources to other more pressing programs and initiatives.

**MINISTRY PRIORITIES FOR 2009-10**


## Ongoing Ministry Activities

The Ontario Research Fund - Research Excellence program (ORF-RE) provides researchers with the support to undertake cutting-edge research. It promotes research excellence in Ontario and contributes to enhancing Ontario's business climate, skills and knowledge for innovation – while fostering and celebrating innovation through its outreach activities.

Since 2006-07, MRI invested \$221.9 million in ORF-RE to support 43 leading-edge research projects across the province, leveraging \$473.9 million from industry, institutional and federal partners.

The Ontario Research Fund – Research Infrastructure program (ORF-RI) ensures researchers have the funds to invest in state-of-the-art equipment and facilities. By providing researchers with access to necessary equipment, Ontario research institutions are able to attract the best talent and create essential capacity to conduct world-leading research.

Since 2004-05, MRI has committed approximately \$309.1 million to cover the infrastructure costs of 950 leading-edge research projects across the province. ORF-RI is also leveraging \$463.6 million from the federal government and institutional partners.

The 2009 Ontario Budget announced an additional \$300 million in capital funds over six years for research infrastructure and \$100 million over four years in operating funds for research performed in the biomedical field. The funding will be delivered through the Ontario Research Fund.

In 2008-09, OICR funded six projects that transform laboratory research into clinical applications for a total investment of \$3.3 million. From May 2002 to February 2009, OICR investments in translation research projects generated commercialization activity of: 4 spin-off companies; 14 patents granted; 14 invention disclosures; 7 patents pending; and 26 patents.

Ontario's investments are helping launch the Ontario Neuroimaging Consortium. The consortium will help translate advances in neuroimaging science (the use of various techniques to study the structure and function of the brain) into new products and services that can improve healthcare delivery in Ontario, and be marketed globally.

Ontario Institute for Cancer Research (OICR) is an MRI-funded, independent, not-for-profit organization undertaking ground-breaking research into the causes and treatments of cancer. In total, MRI is investing \$357 million over OICR's first five years to support the operating and capital costs of OICR.

The International Cancer Genome Consortium Partnership with Ontario is creating an international collaboration between the Ontario Institute for Cancer Research (OICR) and the ongoing global network of scientists leading the fight against cancer by coordinating the work of scientists around the world. To make this collaboration a reality, MRI invested \$40 million in OICR to

collect research data and share it with scientists worldwide. Genetic information derived from cancer cells will help identify better ways to kill tumours and tailor treatment to specific cancer types. This project will be a magnet for other investments and create jobs for more than 50 researchers.

The Innovation Demonstration Fund was announced in 2006 to help companies develop promising bio-based environmental and alternative-energy technologies. To date, MRI has funded 9 innovative Ontario companies which will lead the next generation of innovative projects such as water current-power energy generation and new solar panel technologies. The 2009 Ontario Budget included an enhancement of \$50 million over four years to the Innovation Demonstration Fund.

The Biopharmaceutical Investment Program (BIP), part of the Next Generation of Jobs Fund, is aimed at attracting new or enhanced biopharmaceutical investments in Ontario with \$150 million over the next five years.

Ontario Venture Capital Fund In 2007-08, Ontario secured commitments from OMERS (Ontario Municipal Employee Retirement System), the Royal Bank of Canada, the Business Development Bank of Canada and Manulife Financial to lever Ontario's \$90 million initial investment into a \$205 million Ontario Venture Capital Fund. Ontario's funds are held in the Ontario Capital Growth Corporation. The Fund is managed by TD Private Equity on behalf of the limited partners, including Ontario.

Stem Cell Partnership with California In May 2008, Premier Dalton McGuinty announced the creation of the Cancer Stem Cell Consortium, which will coordinate and fund cancer stem cell research of both Canadian and Californian researchers, universities and private industry. In addition, the Premier announced that the Ontario Institute for Cancer Research will donate the first \$30 million to fund the consortium, benefiting both Canadian and Californian researchers.

Ontario Centres of Excellence MRI continues to support the work of Ontario Centres of Excellence Inc. to help drive academic-industry collaborations and the development of cutting-edge research across key market sectors.

MaRS Discovery District MRI continues to support the work of MaRS – a non-profit innovation centre connecting science, technology and social entrepreneurs with business skills, networks and capital to stimulate innovation and accelerate the creation and growth of successful Canadian enterprises. MaRS delivered successful programs in 2008-09: mentoring and networking for innovative small companies, providing business advisory services, pushing new products/services to market, hosting events and forging collaborations, and helping market Ontario nationally and internationally.

The four-year, \$46 million Market Readiness Program provides high-potential innovative companies in Ontario with early-stage financial support and management expertise to help them get off the ground, and attract investment from other sources. The program

has two components: the \$29 million Investment Accelerator Fund, which helps eligible start-up companies develop their technology and gain entrepreneurial expertise, and the \$17 million Business Mentorship and Entrepreneurship Program, which helps talented entrepreneurs obtain the necessary management skills to take their new high-tech product or service through to the marketplace.

Research Talent Awards The ministry continues to recognize achievement through its Research Talent Awards programs such as the Premier's Catalyst Awards (\$1.8M million to 9 innovative companies since 2007), and the Premier's Discovery Awards (\$3 million to 8 top researchers since 2007). The Premier's Summit Awards, funded by MRI and administered by MaRS, provides awards for medical research (\$15 million to 6 winners since 2007).

Research aimed at improving the lives of children with severe physical disabilities, creating cleaner ways to generate electricity, and finding better ways to treat and prevent disease are among 22 research projects in the Greater Toronto Area that received \$3 million in funding from the province's Early Researcher Awards program in August 2008.

Early Researcher Awards To date, MRI has provided \$47.2 million to 337 newly appointed researchers to help them build their teams and support them early in their careers. Each researcher receives up to \$140,000 from MRI, with a \$50,000 match by the institution. Since 2003, Early Researcher Awards winners have used 1% of their awards to engage over 24,000 youth through 544 outreach events.

Post-Doctoral Fellowships MRI has provided \$7.3 million in Post-Doctoral Fellowships to support 146 fellows across Ontario. The program recruits and retains outstanding young scientists to spend two years as post-doctoral fellows in Ontario research institutions. For each fellow, institutions receive \$25,000 per year for two years from MRI, matched by the institution.

Youth Outreach Programs The ministry is growing the next generation of researchers and innovators through its youth programs.

- In 2008-09, the ministry invested close to \$1.12 million in 44 projects to help kids discover science.
- Both the Youth Science and Technology Outreach Program (YSTOP) and the Teacher's Science and Technology Outreach Program (TSTOP) are designed to inspire youth to pursue careers in science and technology by giving them hands-on experience and access to leading Ontario researchers.

International Strategic Opportunities Program The ministry will continue promoting Ontario's Innovation – nationally and internationally – through the International Strategic Opportunities Program (ISOP). ISOP provides funding for strategic international collaborations between Ontario research institutions and the global research community. The goal of the program is to improve Ontario's long-term economic potential by attracting and retaining the best and brightest research talent.

## LOOKING AHEAD

As the ministry moves through 2009-10, MRI will focus on implementing the Ontario Innovation Agenda, continuing the success of ongoing programs and initiatives and delivering on 2009 Ontario Budget commitments.

## LEGISLATION

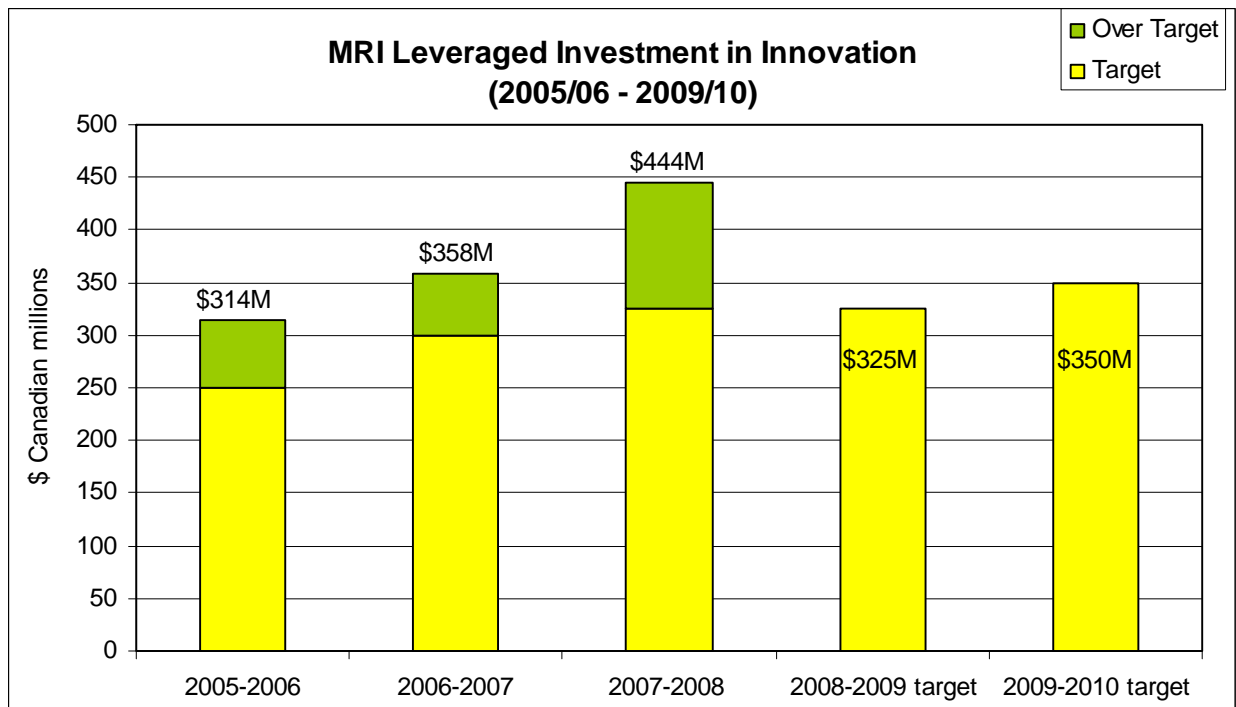
The *Ontario Capital Growth Corporation Act, 2008* establishes the Ontario Capital Growth Corporation as a statutory corporation without share capital. The Act provides that the Corporation is an agent of the Crown in Right of Ontario. The Corporation fulfills Ontario's legal obligations as a limited partner in the Ontario Venture Capital Fund.

The Ontario Commercialization Investment Fund, administered by MRI, is a legislated program under the *Community Small Business Investment Funds Act*. The Act is the responsibility of the Ministry of Finance.

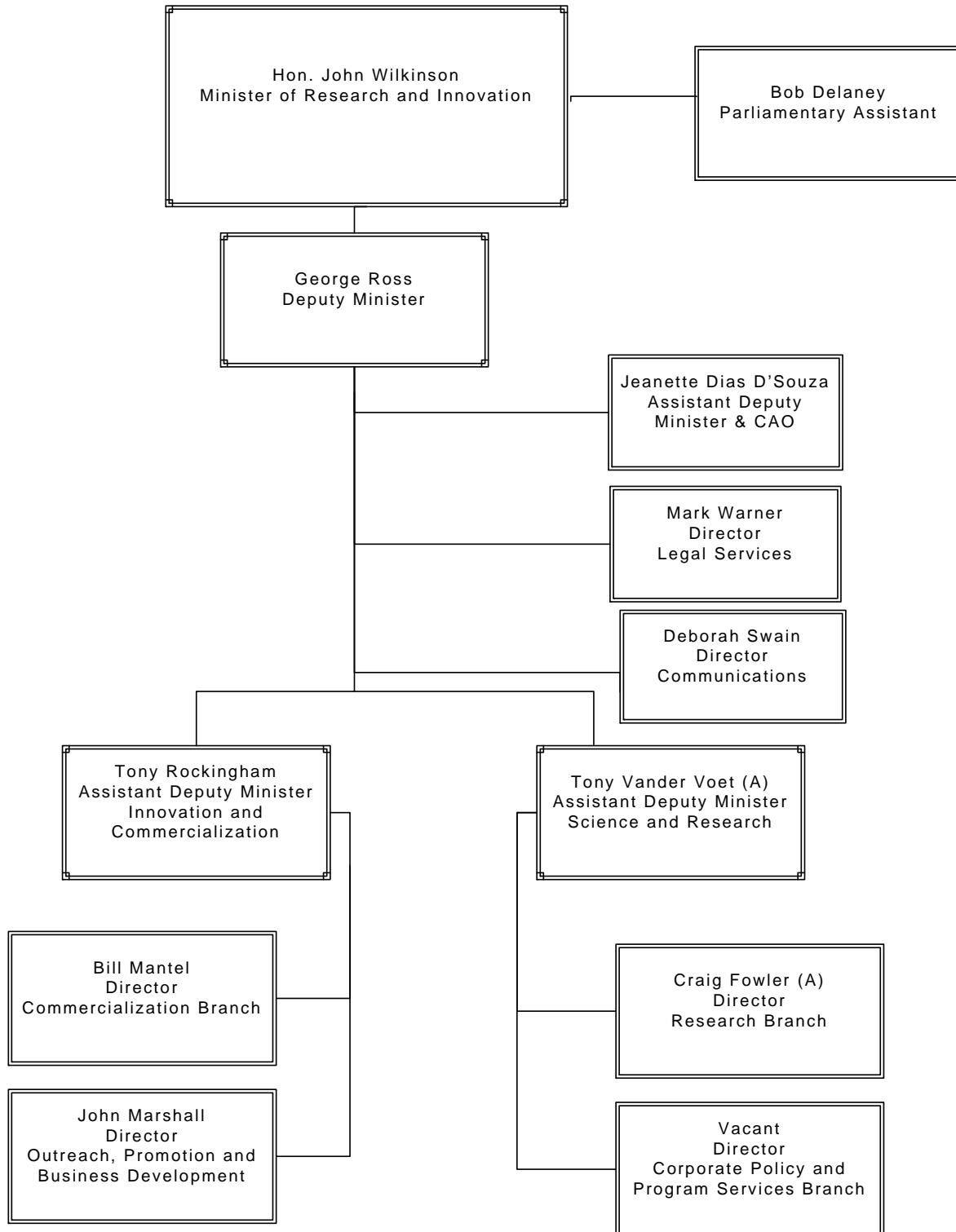
**PERFORMANCE MEASURE**

The ministry monitors the performance of its programs through various performance measures including Leveraged Investment in Innovation which tracks the research and commercialization dollars provincial spending generates 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.

Leveraged investment targets have been consistently exceeded each year. In 2007-08, leveraged investment was \$444 million, an increase of \$86 million over the previous year and \$119 million above the target.



**MINISTRY ORGANIZATION CHART**



## AGENCIES, BOARDS AND COMMISSIONS (ABC'S)

### Agencies

#### Ontario Capital Growth Corporation

The Ontario Capital Growth Corporation (OCGC or the Corporation) was established by the *Ontario Capital Growth Corporation Act, 2008*. The Act was proclaimed and in force as of February 1, 2009. The OCGC Board of Directors is comprised of public servants, who were appointed by the Lieutenant Governor in Council on February 4, 2009.

The OCGC is an agent of the Crown and is classified as an operational enterprise agency. Under the Act, the Corporation's principal activities are to:

- Receive, hold, administer and otherwise deal with the interest of the Government of Ontario in the limited partnership known as the Ontario Venture Capital Fund LP; and
- Perform any additional objects specified by the Lieutenant Governor in Council.

The Corporation's fiscal year commences on April 1 in each year and ends on March 31 in the following year. The Board will submit an annual report on its affairs (including audited financial statements) to the Minister of Research and Innovation within 90 days after the end of each fiscal year.

### Advisory Agencies

#### Biopharmaceutical Investment Program Minister's Advisory Committee

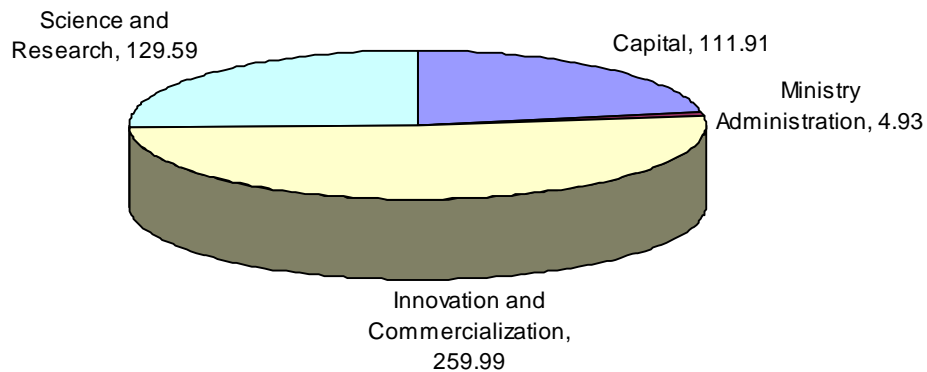
The Biopharmaceutical Investment Program Minister's Advisory Committee (BIPMAC) was established to advise the Minister of Research and Innovation on:

- prospective marketing opportunities and strategies for the Biopharmaceutical Innovation Program (BIP);
- identification of potential investment opportunities that meet the BIP criteria;
- promoting Ontario as a premier location for investment generally and biopharmaceutical investment specifically;
- promoting Ontario's strengths and key messages and help build an awareness, both nationally and internationally, of the benefits of investing in Ontario; and
- how the ministry can strengthen the effectiveness of BIP.

#### Ontario Research Fund Advisory Board

The Ontario Research Fund Advisory Board is an advisory board that adjudicates applications to Ontario's research programs, which fund research talent, infrastructure and operations. The Board makes recommendations to the Minister based on a project's merit and alignment with the respective program's goals and provides advice and assistance to the Minister as required. The Board adjudicates applications for the Ontario Research Fund (ORF), the Early Researcher Awards (ERA) Program, the

Premier's Discovery Awards (PDA) Program and the Premier's Catalyst Awards (PCA) Program. The ORF provides infrastructure, operating and overhead funds to support leading edge R&D in Ontario's research institutions. The ERA supports early career researchers with recognized potential. The PDA celebrates the research excellence of Ontario's top researchers and the PCA recognizes Ontario's top innovative entrepreneurs and companies.

**PUBLISHED RESULTS-BASED PLAN 2009-10**
**MINISTRY FINANCIAL INFORMATION**
**Ministry Allocation of 2009-10 Base Spending (\$ Millions)**

**Table 1: Ministry Planned Expenditures 2009-10**

Program Name	Ministry Planned Expenditures (\$M)
<b>Operating Expense *</b>	
<b>Ministry Administration</b>	<b>4.9310</b>
<b>Science and Research</b>	<b>129.5898</b>
<b>Innovation and Commercialization</b>	<b>259.9878</b>
<b>Total Operating Expense *</b>	<b>394.5086</b>
<b>Capital Expense *</b>	<b>111.9060</b>
<b>Total Operating and Capital Expense, Excluding Assets *</b>	<b>506.4146</b>
<b>Operating Assets</b>	<b>7.8480</b>
<b>Capital Assets</b>	<b>0.0010</b>

\*Excludes Consolidation Adjustments

**Table 2: Operating and Capital Summary by Vote**

The ministry focuses its efforts on activities which support a stronger Ontario in the creation of jobs in today's and future economies by: implementing research and innovation policies and programs based on expert advice to ensure an agenda to deliver excellence, performance and results; working closely with our partner ministries to implement programs to achieve future social, environmental and economic benefits; and fostering a culture of innovation and showcasing Ontario, nationally and internationally, as an innovation-based economy and society.

The ministry's key priorities are: extracting value from Ontario's excellence in research and commercialization; focusing investment in areas where Ontario can be globally competitive; leveraging skills and knowledge; developing an innovation-friendly business climate; and enhancing the Ontario government's role as a catalyst for change.

Votes/Programs	Estimates 2009-10 \$	Change from 2008-09 Estimates		2008-09 *		Actuals 2007-08 \$
		\$	%	Estimates \$	Interim Actuals \$	
<b>OPERATING AND CAPITAL EXPENSE</b>						
Research and Innovation Program	506,298,600	16,486,700	3%	489,811,900	422,023,548	413,959,058
<b>Total Including Special Warrants</b>	<b>506,298,600</b>	<b>16,486,700</b>	<b>3%</b>	<b>489,811,900</b>	<b>422,023,548</b>	<b>413,959,058</b>
Less: Special Warrants	-	-	-	-	-	-
<b>Total To Be Voted</b>	<b>506,298,600</b>	<b>16,486,700</b>	<b>3%</b>	<b>489,811,900</b>	<b>422,023,548</b>	<b>413,959,058</b>
Special Warrants	-	-	-	-	-	-
Statutory Appropriations	116,014	51,000	78%	65,014	65,968	36,364
Net Consolidation Adjustment - Colleges	(2,130,000)	(2,130,000)	-	-	-	-
Net Consolidation Adjustment - Hospitals	(24,996,300)	7,078,700	(22%)	(32,075,000)	(28,670,600)	(26,160,486)
Other Adjustment - Ontario Capital Growth Corporation	23,420,000	98,420,000	131%	(75,000,000)	(79,900,000)	-
<b>Ministry Total Operating and Capital</b>	<b>502,708,314</b>	<b>119,906,400</b>	<b>31%</b>	<b>382,801,914</b>	<b>313,518,916</b>	<b>387,834,936</b>
<b>OPERATING AND CAPITAL ASSETS</b>						
Research and Innovation Program	7,849,000	(7,323,000)	(48%)	15,172,000	-	1,657,388
<b>Total Assets To Be Voted</b>	<b>7,849,000</b>	<b>(7,323,000)</b>	<b>(48%)</b>	<b>15,172,000</b>	<b>-</b>	<b>1,657,388</b>

\* Estimates for the previous year are restated to reflect any changes in ministry organization and/or program structure.  
Interim actuals reflect the numbers presented in the Ontario Budget.

**For additional financial information, see:**

<http://www.mri.gov.on.ca>

<http://www.fin.gov.on.ca>

## APPENDIX I: 2008-09 ANNUAL REPORT

The Ministry of Research and Innovation (MRI) places a clear focus on the government's commitment to innovation as a catalyst for economic growth across all sectors of the economy.

### Highlights of Achievements

Highlights from the 2008-09 period include:

- Released the Ontario Innovation Agenda in 2008.
- Additional \$250 million over five years to boost the Ontario Research Fund – Research Infrastructure program. This additional funding is helping institutions leverage at least \$375 million from the federal government, private sector and other sources.
- \$40 million to create an Ontario research hub for the International Cancer Genome Consortium at the Ontario Institute for Cancer Research. The Ontario unit is a magnet for other investments and is creating jobs for more than 50 researchers.
- \$25 million to establish the Centre for Research and Innovation in the Bio-economy in Thunder Bay, which will attract world-class researchers and industry leaders to develop the next generation of renewable forestry bio-products.
- \$3.5 million in funding to digital media research projects that will develop tomorrow's cohort of skilled digital media and high-tech workers. This funding support for digital media was part of a \$37.4 million investment made through the Ontario Research Fund in September 2008.
- \$90 million towards a new \$205 million venture capital fund to strengthen the province's venture capital sector and support innovative, high-growth companies.
- \$150 million over five years to ignite Ontario's world-class biotechnology industry through the Biopharmaceutical Investment Program (BIP). BIP is aimed at attracting new or enhanced biopharmaceutical investments in Ontario.
- Hosted a Provincial/Territorial Minister's Meeting in Stratford, Ontario in September 2008.

## **Setting the Stage for Innovation in Ontario: The Ontario Innovation Agenda**

Ontario is investing in an aggressive innovation agenda to ensure we are one of the winning economies in the 21st century. Supported by close to \$3.2 billion in spending over eight years and a focus on seizing global market opportunities, this agenda builds on the strength of Ontario's creative environment, diverse culture, highly skilled workforce, world-class education system and internationally recognized research community.

The focus of the agenda is to ignite growth in the industries that will shape our future and create Ontario's next generation of jobs and prosperity. It builds on this province's greatest strength – the talent and ingenuity of our people. The agenda advocates:

- Government acting as a catalyst for innovation and commercialization – and committing the necessary resources to do this effectively
- Investing significantly in peer-reviewed research excellence that will create jobs, a cleaner environment and better healthcare for Ontario families
- Focusing government investments on research and industries where Ontario has a global competitive advantage
- Streamlining and modernizing government programs and processes to move faster – at the speed of business
- Partnering with business to better communicate Ontario's research strengths and innovation success stories to the world.

## **Driving Forward Tomorrow's Innovation Economy: Priority Areas**

The innovation agenda will guide investments in areas where Ontario is or will be identified as a global leader. Initial areas of focus include the bio-economy and clean technologies, advanced health technologies, pharmaceutical research and manufacturing, and digital media and information and communications technologies.

2008-09 investments:

- Bio-economy and clean technologies: \$7.9 million
- Advanced health technologies and pharmaceutical research: \$31.6 million
- Digital media and information and communications technologies: \$6.3 million

## **Supporting the Next Generation of Jobs Fund**

MRI is also supporting the government's Next Generation of Jobs Fund – jointly administered with the Ministry of Economic Development (MED) – which represents the government's strong commitment to focused investment in areas where Ontario can lead globally.

The Biopharmaceutical Investment Program, part of the Next Generation of Jobs Fund, has invested in two projects to date, totalling \$18.8 million and creating 83 new permanent jobs in addition to 400 short-term construction positions at two world-leading companies, Purdue Pharma and Sanofi-Pasteur.

### **Building a Robust Post-Secondary Research Environment**

Under the second round of the Ontario Research Fund (ORF) – Research Excellence program, MRI invested nearly \$114.7 million to support 19 leading-edge research projects across the province.

The ORF – Research Infrastructure program ensures researchers have the state-of-the-art equipment and facilities required to undertake cutting-edge research. Since October 2004, MRI has committed approximately \$309.1 million to support the infrastructure costs of 950 leading-edge research projects across the province, leveraging \$463.6 million from the federal government, industry and institutional partners. Of this, \$37.4 million was invested in 222 projects in 2008-09.

The ministry continues to support ground-breaking research into the causes and treatments of cancer through the Ontario Institute for Cancer Research (OICR). In total, MRI is investing \$357 million over OICR's first five years.

### **Enhancing Ontario's Capacity to Bring Ideas to the Marketplace**

In 2008-09, MRI launched new programs to support the commercialization of research, and continued to deliver existing research and commercialization programs effectively, including:

- Driving innovation with the \$80 million Innovation Demonstration Fund (IDF) to help companies develop promising new bio-based environmental and alternative-energy technologies.
- Securing new investments in the Ontario Venture Capital Fund from OMERS (Ontario Municipal Employee Retirement System), the Royal Bank of Canada, the Business Development Bank of Canada and Manulife Financial by leveraging Ontario's \$90 million initial investment into a \$205-million fund.
- Extending innovation across Ontario's network of partners through the Ontario Centres of Excellence (OCE). OCE helps drive the commercialization of cutting-edge research across key market sectors.
- Together, MaRS and OCE continued to implement the four-year, \$46 million Market Readiness Program. The program is funded by MRI and is being administered by MaRS and OCE. It is providing innovative companies with financial support, training and management expertise.
- MRI invested \$1.8 million in 2008-09 in the Health Technology Exchange to accelerate the innovation, commercialization and the growth of Ontario's medical and assistive technologies sector.

## **Growing the Next Generation of Researchers and Innovators**

- MRI honoured Ontario's best and the brightest with the Premier's Catalyst Awards (\$800,000 to 4 innovative companies in 2008-09) and the Premier's Discovery Awards (\$1.5 million to 4 top researchers in 2008-09). The Premier's Summit Awards, funded by MRI and administered by MaRS, provides awards for medical research (\$5 million to 2 winners in 2008-09).
- Through the Early Researcher Awards program, MRI awarded \$9.24 million in 2008-09 to 66 newly appointed researchers to help them build their teams and support them early in their careers. In 2008-09, Early Researcher Awards recipients engaged over 18,500 youth through 370 outreach events.
- In 2008-09, MRI also provided \$2.5 million in Post-Doctoral Fellowships to support 50 fellows across Ontario. The program recruits and retains outstanding young scientists to spend two years as post-doctoral fellows in Ontario research institutions.
- Through its youth programs, MRI has helped more than 134,000 youth connect with science through 4,300 events. In 2008-09, the ministry invested close to \$1.12 million in 44 projects to help kids discover science.

## **Promoting Ontario's Innovation – Nationally and Internationally**

- Signed a new Stem Cell Partnership with California and committed \$30 million through the Ontario Institute for Cancer Research to kick-start the initiative. MRI helped promote Ontario and raised the province's profile as a leader in the life sciences sector by supporting the Premier as he led a group of the province's top researchers and business leaders to the world's largest life sciences conference – BIO 2008 in San Diego – the world's largest life sciences networking opportunity.
- Moved forward in a partnership with China by signing an innovation Memorandum of Understanding in 2008.
- Continued to engage international scientific collaboration with Ontario through the International Strategic Opportunities Program.

MRI performance results for three key measures for 2007-08:

- \$444 million of leveraged investment in 2007-08, an increase of \$86 million over the previous year and \$119 million above the target.
- 10,530 highly qualified people were involved in MRI funded projects in 2007-08.
- 322 active licences (3 year rolling average) in force from R&D directly supported by MRI.

**Table 1: Ministry Expenditures 2008-09**

	<b>Ministry Interim Actual Expenditures (\$M)</b>
<b>Operating</b>	<b>\$341.5M</b>
<b>Capital</b>	<b>\$80.6M</b>
<b>Staff Strength (as of March 31, 2009)</b>	<b>139</b>

**GLOSSARY**

ABC's	Agencies, Boards, and Commissions
BIP	Biopharmaceutical Investment Program
BIPMAC	Biopharmaceutical Investment Program Minister's Advisory Committee
BMEP	Business Mentorship and Entrepreneurship Program
ERA	Early Researcher Awards
IAF	Investment Accelerator Fund
IDF	Innovation Demonstration Fund
MaRS	MaRS Discovery District
MED	Ministry of Economic Development
MRI	Ministry of Research and Innovation
MRP	Market Readiness Program
NGOJF	Next Generation of Jobs Fund
OCE	Ontario Centres of Excellence
OCGC	Ontario Capital Growth Corporation
OCN	Ontario Commercialization Network
ODOE	Other Direct Operating Expenditures
OICR	Ontario Institute for Cancer Research
OMERS	Ontario Municipal Employee Retirement System
ORF	Ontario Research Fund
ORF-RE	Ontario Research Fund – Research Excellence
ORF-RI	Ontario Research Fund – Research Infrastructure
OTEC	Ontario Tax Exemption for Commercialization
PCA	Premier's Catalyst Awards
PDA	Premier's Discovery Awards
PDF	Post-Doctoral Fellowship
R&D	Research and Development
RIN	Regional Innovation Network
SME's	Small and Medium-Sized Enterprises
TRRA	Toronto Region Research Alliance
TSTOP	Teacher's Science and Technology Outreach Program
YSTOP	Youth Science and Technology Outreach Program