



ADVANCED MATERIALS IN ONTARIO

Innovation's
secret
INGREDIENT

ADVANCED MATERIALS—BIOCOMPOSITES, NANOSTRUCTURES, CERAMICS, POLYMERS, SUPER-ALLOYS—ARE A KEY INGREDIENT IN MANY OF TODAY'S MOST INNOVATIVE PRODUCTS.

IF YOU'RE SEARCHING FOR THE BEST PLACE TO PRODUCE ADVANCED MATERIALS FOR WORLD MARKETS, HERE ARE TEN REASONS TO PUT ONTARIO ON YOUR SHORT LIST.

❖ **1. Canadian banks are competing for commercial loans.** Despite challenges in the global economy, Canadian banks—the soundest in the world, according to the World Economic Forum—are increasing their loans to business and actively competing for market share. Source: World Economic Forum, Canadian Bankers Association

❖ **2. Ontario's investment incentives help innovative companies expand.** Our \$1.15 billion Next Generation of Jobs Fund helps companies develop clean/green products for global markets and launch expansion projects in knowledge-intensive industries—green auto research, clean fuels, environmental technologies and advanced health technologies—all of which depend on advanced materials. The fund can cover up to 15% of costs for large-scale (\$25 million+) expansion projects.

Our \$500 million Advanced Manufacturing Investment Strategy can provide interest-free loans to help businesses adopt cutting-edge technologies.

❖ **3. Corporate income tax rates are attractive.** Ontario's current combined federal-provincial corporate income tax (CIT) rates for general corporations and manufacturers are almost seven percentage points below the average rate of its main trading partners, the Great Lakes States. And by 2013, the proposed CIT reductions would make Ontario's combined CIT rate 15 percentage points lower than the U.S. average combined federal-state general CIT rate and more than 11 percentage points below the U.S. average combined manufacturing rate. Source: Ontario Ministry of Finance

❖ **4. We offer a unique health care advantage.** Thanks to our publicly funded healthcare system, manufacturers in Ontario pay less than 5% of payroll on healthcare, compared to 13% in the U.S. Source: *Wall Street Journal*

❖ **5. A favourable exchange rate creates a competitive edge.** A lower exchange rate for the Canadian dollar against both the Euro and the US dollar reduces manufacturing costs for Canadian companies—and that translates into higher profits in international markets.

❖ **6. Generous R&D tax incentives.** We have one of the most generous R&D tax incentive programs in the world. The after-tax cost of \$100 in R&D spending in Ontario can be reduced to less than \$36. Source: OECD





7. A global centre for advanced materials research.

Dozens of university and publicly-funded research labs across the province focus on creating high-performance materials, often in partnership with companies.

- Brockhouse Institute for Materials Research
- CANMET Materials Technology Laboratory
- Centre for Advanced Coating Technology
- Centre for Advanced Materials Joining Research
- Centre for Advanced Nanotechnology
- Centre for Automotive Materials and Manufacturing
- Centre for Advanced Polymer Processing and Design
- Centre for Biocomposites and Biomaterials Processing
- Centre for Imaging Research and Advanced Materials Characterization
- Institute of Biomaterials and Biomedical Engineering
- Institute for Chemical Process and Environmental Technology
- Institute for Microstructural Science
- Integrated Manufacturing Technologies Institute
- University of Western Ontario Nanofabrication Laboratory

8. Ontario's broad industrial base spans the value chain for advanced materials.

In addition to having sophisticated manufacturing sectors—automotive, aerospace, information and communications technologies, medical devices, packaging, food products and more—we are also a North American centre for the production of key raw materials such as chemicals, plastics and minerals that are used to create advanced materials.

9. A smart, skilled workforce. Manufacturing advanced materials demands highly skilled workers, and ours are among the best educated in the world.

A higher percentage of our workforce has completed post-secondary education than in any G7 country. Source: OECD

Our 20 universities and 24 colleges of arts and applied technology produce more than 29,000 graduates a year in mathematics, engineering and sciences.

10. Easy access to global markets. We're part of the US\$16 trillion+ NAFTA market and our companies export to customers worldwide. Ontario products have duty-free access to markets in the U.S. and Mexico if 62.5% of their content is manufactured in Canada. What's more, many Ontario manufacturers are closer to major U.S. markets in the 8 Great Lakes states than many parts of the U.S.

Bottom line? Ontario is uniquely equipped to meet the needs of the advanced materials industry.

We have the people. The technology.

The research centres. The incentives.

All in a stable environment.

COME AND GROW YOUR BUSINESS HERE.

ONTARIO—CANADA'S ECONOMIC ENGINE

[% of Canada]

38% of GDP
39% of population
40% of personal income
48% of hi-tech employment
48% of manufacturing shipments
51% of Canadian advanced materials R&D

For more information about investing in Ontario, please visit us at:

www.investinontario.com

The world works here.

For a list of international phone numbers to contact us:

www.investinontario.com/contactus

E-mail: info@investinontario.com



All figures are in Canadian dollars unless otherwise noted.



Printed in Ontario, Canada on recycled paper. © Queen's Printer for Ontario, 2009 010979-ENG/05/09

