



Additive manufacturing

Winnipeg

MANITOBA, CANADA

Manitoba has a trusted reputation for producing high-value, well-designed and engineering-intensive goods for customers around the world. Our stable, diversified economy provides a strong foundation of support to invest in new technologies, where companies benefit from an innovative ecosystem and a highly skilled workforce.

Academic ecosystem



Red River College

Skilled Trades and Technology Centre (STTC)

A \$61.6 million investment, the STTC is a 100,000 square foot laboratory and shop space that supports high demand trades and technologies.

Smart Factory A \$15.7-million additional investment to the STTC, this factory helps prepare students for innovative work with access to state-of-the-art equipment to support applied research and experiential learning.



UNIVERSITY
OF MANITOBA

University of Manitoba

Manitoba Institute for Materials (MIM) Nearly 200 researchers and students work with research across all fields including nanostructures, composite material systems and high performance computing materials research.



Manitoba A provincial powerhouse for research and development

38 internationally renowned advanced manufacturing research facilities

Why Winnipeg?



R&D hotspot

Over \$100 million invested in research and development¹



Affordable energy

Winnipeg offers renewable energy that is among the lowest published electricity rates in North America²



Strong economy

The advanced manufacturing sector earned \$18.6 billion in revenue³



Central location

North America's geographic centre with the continent's largest trimodal inland port⁴

"As one of Western Canada's leading additive manufacturing companies in the aerospace and medical sectors, Precision ADM has developed a strong base of operations in Winnipeg to grow our business. There are exciting growth opportunities for any company looking to expand their advanced manufacturing processes in Winnipeg."

Martin Petrak, CEO Precision ADM



GROWING YOUR
BUSINESS HERE



Market access advantages

Winnipeg is perfectly positioned for your business to take advantage of the North American Free Trade Agreement (NAFTA), Canadian-European Union Comprehensive Economic and Trade Agreement (CETA), Canada-Korea Free Trade Agreement (CKFTA) and the Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP):

- Maximize value and increase your international market access from Winnipeg
- **Duty-free access to 800 million+ consumers**
- A one-hour drive to the busiest U.S. border crossing in Western Canada



Government tax credits

Scientific Research & Experimental Development Credit Up to 50 per cent reimbursement on eligible commercial R&D activities thanks to best-in-country provincial top-up credit

Manufacturing Investment Tax Credit Eight per cent provincial tax credit on capital costs for use in manufacturing

Industrial Research Assistance Program Federal funding and advice for technological innovation projects

Endnotes:

1. Invest in Canada, 2019
2. Manitoba Hydro, 2018
3. In Manitoba, Statistics Canada, 2017
4. Annual Report, CentrePort Canada, 2016-2018



Winnipeg works for additive manufacturing

Orthopaedic Innovation Centre Supporting the medical device industry with medical device engineering, prototyping, testing and clinical trials management to validate designs and meet regulatory standards.

Precision ADM An additive manufacturer utilizing advanced digital-manufacturing technologies to manufacture high-value components for the medical, aerospace, energy and industrial sectors. **Precision ADM is ISO 13485 Medical Device Manufacturing registered and AS9100 Aerospace Device Manufacturing certified.**



Room to grow

Additive manufacturing in Winnipeg offers extensive opportunities for investment, including:

- Advanced heat treatment processes – including hot isostatic pressing
- Design for additive manufacturing
- Non-destructive inspection (NDI) and CT NDI

Industry support



Coalition for Advanced Manufacturing (CAM)

A coalition that is dedicated to advanced digital manufacturing research and development, as well as competency and infrastructure growth for industry 4.0 in Manitoba. CAM is led by Canadian Manufacturers & Exporters and Economic Development Winnipeg and is supported by WestCaRD.

NRC Advanced Manufacturing Program

A \$60 million investment that, once completed, will enable industry, government and post-secondary institutions to access cutting-edge manufacturing technologies, allowing for the research and commercialization of new technology applications.



Connect with us today!

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