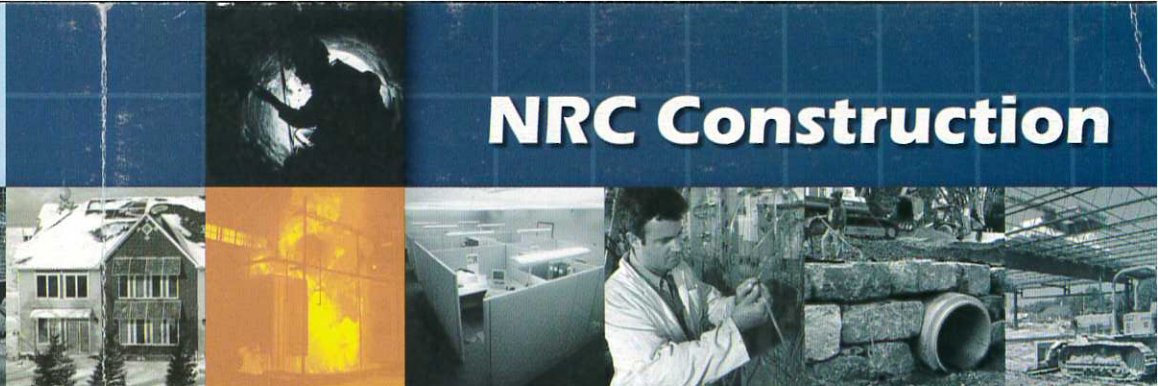


New Initiatives



1. Sustainable Built Environment

IRC will consult with the construction sector to establish an understanding and approach to SBE and seek consensus on research priorities.

2. Climate Change

IRC will complement research in other government departments and elsewhere in NRC on the mitigation and adaptation of climate change (e.g., greenhouse gas reductions) and contribute to Canada's response to the Kyoto Accord targets.

3. Indoor Health

IRC will collaborate with key federal organizations and universities in the development of a major initiative on the effects of the indoor environment on the health of occupants.

4. Construction Process Technologies

IRC, in partnership with universities, international organizations and technology centres, will provide the industry with the tools needed to improve the quality and cost-effectiveness of construction.

5. Sustainable Northern Communities

IRC will bring technological solutions to bear on the unique issues facing the northern construction community by facilitating the creation of a northern technology cluster.

For more information, please consult our Web site: <http://irc.nrc-cnrc.gc.ca>

Canada

NRC Construction

Strategic Plan 2004-2009 Executive Summary

Bringing quality
to the built environment



National Research
Council Canada

Institute for
Research in
Construction

Conseil national
de recherches Canada

Institut de
recherche en
construction

NRC-CNRC



We are

an enabler for the transition of the construction industry into the knowledge-based economy

We plan to

In consultation with industry, NRC's Institute for Research in Construction has developed a five-year strategic plan to meet the current and future needs of the construction sector. This summary outlines the course of action we plan to follow in response to these needs.

Our Vision:

A recognized leader in the development of a quality built environment through research, innovation and the creation of integrated solutions.

Our Mission:

To improve the lives of Canadians through a vibrant construction sector that provides a quality and cost-effective built environment.

Our Values:

- We are connected with our stakeholders and are responsive to their needs
- We have respect for all
- We exhibit honesty and integrity
- We strive for excellence in all that we do
- We are collaborative at all levels
- We are results-oriented

Develop the knowledge and technologies essential to the creation of a quality and cost-effective built environment

1. Re-align IRC research programs to priority areas.
2. Align IRC initiatives to capitalize on funded government priorities.
3. Create a multi-disciplinary IRC initiative on sustainable built environments including the north.
4. Create a multi-disciplinary initiative on the effects of the indoor environment on the health of occupants.

Outcome: A quality and cost-effective built environment.

Provide integrated decision-making tools that enable the construction sector to respond to changing performance expectations

1. Facilitate the adoption and advancement of objective-based codes.
2. Support industry's move to performance-based principles.
3. Develop tools to integrate life-cycle costing into decision-making.
4. Assist industry in developing a strategy to mitigate risk.

Outcome: A construction sector responsive to changing performance expectations.

Develop construction process technologies critical to improved productivity of the construction industry

1. Develop a national construction R&D strategy.
2. Establish a new research initiative on technologies aimed at integrating the construction process.
3. Reduce the time to transfer knowledge into practice.

Outcome: An integrated construction process.

Become a responsive organization, well positioned to enable the transition of the construction sector

1. Build competencies and facilities to support emerging thrusts.
2. Ensure maximum benefit from IRC's global linkages.
3. Enhance internal processes and management framework.
4. Demonstrate and integrate NRC's Employee Philosophy principles in IRC's work environment.

Outcome: An enabling organization positioned to address evolving needs of the sector.