



CHALLENGES AND SOLUTIONS: NETWORKS OF CENTRES OF EXCELLENCE PROGRAMS

Building on Canada's engineering, health, and natural, social and biomedical science successes is more important than ever in today's global economy. Canada's economic competitiveness depends not only on developing new discoveries, but also on our ability to transform these discoveries into products, services, and processes that improve the quality of life of Canadians. Fostering partnerships involving the public and private sectors, within Canada and internationally, helps achieve these goals.

With the aim of mobilizing Canada's best research and development talent to build a more advanced, healthy, competitive, and prosperous Canada, the NCE Secretariat manages three national programs: Networks of Centres of Excellence (NCE); Centres of Excellence for Commercialization and Research (CECR) and Business-Led Networks of Centres of Excellence (BL-NCE). These programs address the particular needs of each stage along the innovation continuum.

Networks of Centres of Excellence (NCE)

CHALLENGE:

Solving critical issues calls for a collaborative approach and a wide range of research expertise

SOLUTIONS:

- Mobilize multi-disciplinary research capacity from across Canada to accelerate the creation of new knowledge in a specific research area
- Create large-scale, academic-led research networks
- Engage partners from multiple academic institutions, industry, government and not-for-profit organizations
- Train the next generation of highly qualified people
- Work with end users to facilitate the application of knowledge
- Increase collaboration between researchers in Canada and abroad

THE NCE IS AN INITIATIVE
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Government of Canada
Networks of Centres
of Excellence

Gouvernement du Canada
Réseaux de centres
d'excellence



NCE RCE

Centres of Excellence for Commercialization and Research (CECR)

CHALLENGE:

Research breakthroughs and innovative ideas need timely support to achieve commercial success

SOLUTIONS:

- Bridge the gap from innovation to commercialization by matching clusters of research expertise with the business community
- Share knowledge, expertise and resources to bring new technologies, products and services to market faster
- Offer a flexible array of models, including centres that act as investors, incubators, service providers or product development centres
- Allow centre leadership to come from a university, college, not-for-profit organization, company or other interested non-government party

Business-Led Networks of Centres of Excellence (BL-NCE)

CHALLENGE:

Solving issues critical to the needs of the private sector calls for a collaborative, network approach

SOLUTIONS:

- Set up networks led by not-for-profit industry consortia
- Respond directly to R&D challenges facing a Canadian industrial sector
- Allow industry partners to propose network-funded research projects that will be conducted at their own facilities
- Increase private-sector investments in Canadian research through collaborative projects
- Create, grow and retain companies whose innovations can capture new markets
- Accelerate the translation of research into commercial products and services



NCE RCE

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