Colleges and Institutes Canada
Collèges et instituts Canada

Budget 2016 Priorities:
APPLIED RESEARCH AND INNOVATION

Support Canadian innovation by increasing funding for college and institute applied research

- Colleges and institutes enhance innovation by undertaking applied research that leverages their strong connections to industry and communities. These institutions provide talent, creative ideas and facilities that generate economic and social gains.
- In the past year alone, colleges and institutes worked with over 6,300 partners in all sectors, particularly small and medium-sized enterprises (SMEs) to develop new or adapted products, services, technology and processes.
- College and institute students are an integral part of applied research activity. Students gain relevant applied research experience through interactions with industry and community partners and are employment ready.
- Increased investments in college and institute applied research will unleash the college sector's untapped capacity to support industry and community innovation.

Recommendations:

- Increase funding for the Tri-Agency College and Community Innovation Program to:
  - Leverage the capacity of colleges and institutes to work with local SMEs and support applied research projects that address company-specific problems; and
  - Provide applied research awards for college and institute students to complement their learning with industry-relevant research experience.
- Increase funding for the Community and College Social Innovation Fund by $5M annually and make the program permanent to strengthen college and institute partnerships with communities to find solutions to social challenges.
- Create a $15M pilot college and institute Health Innovation Research Fund to support the healthcare sector in improving and introducing new technologies and processes that improve patient-oriented care and services.

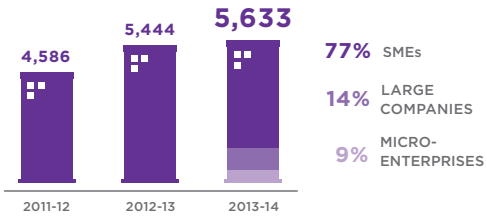
Applied Research Partnerships

5,633 PARTNERSHIPS WITH COMPANIES

693 SOCIAL INNOVATION PARTNERSHIPS WITH COMMUNITY ORGANIZATIONS AND COMPANIES WERE REPORTED

48 INTERNATIONAL RESEARCH PARTNERSHIPS IN **22** COUNTRIES

PRIVATE SECTOR PARTNERSHIPS



IN THE LAST **5 YEARS**, PRIVATE SECTOR CONTRIBUTIONS INCREASED BY **74%** AND REPRESENT **38%** OF EXTERNAL FUNDING FOR COLLEGE AND INSTITUTE APPLIED RESEARCH

For more information, visit:

collegesinstitutes.ca/policyfocus

COLLEGES AND INSTITUTES ARE INVOLVED IN

1083

AREAS OF RESEARCH SPECIALIZATION IN PRIORITY SECTORS, SUCH AS:

- NATURAL RESOURCES & ENERGY
- ENVIRONMENT
- HEALTH
- INFORMATION & COMMUNICATIONS TECHNOLOGIES
- MANUFACTURING
- SOCIAL INNOVATION

APPLIED RESEARCH RESOURCES AT COLLEGES AND INSTITUTES

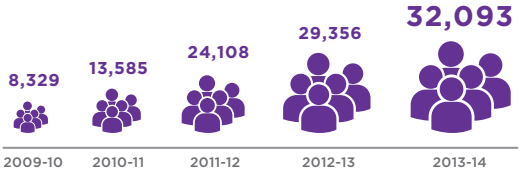
2,491 FACULTY AND STAFF, INCLUDING INDUSTRIAL EXPERTS AND TECHNICIANS ENGAGED IN APPLIED RESEARCH

107 INSTITUTIONS WITH A DEDICATED APPLIED RESEARCH DIVISION

670 SPECIALIZED RESEARCH CENTRES AND LABS WERE REPORTED

JUST **5%** OF THE **46,500** FULL-TIME FACULTY EMPLOYED AT COLLEGES AND INSTITUTES

STUDENTS ENGAGED IN APPLIED RESEARCH



JUST **3%** OF THE **1 MILLION** FULL AND PART-TIME STUDENTS ENROLLED AT COLLEGES AND INSTITUTES

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