

# NSERC DRIVES INNOVATION



We have a proven track record of creating industry-research partnerships grounded in advanced and applied research produced by an NSERC-funded brain trust. Collaborations boost private-sector R&D and commercialization by validating and de-risking new ideas essential to innovation. SMEs use partnerships to scale-up. Established companies access disruptive ideas necessary for new growth. Students get industry experience and business skills, and industry gains new talent. Insights from the innovation process inform future discovery-based research.



## NSERC Programs Reverse the Trend

-1.1%

Canadian business investment in R&D (2005–2015)

+115%

Business investment in NSERC-led partnership programs (2005–2015)

## NSERC Advantage

### Validated Expertise

Quality assurance through scientific and business merit review, completed within short timelines.

### Toolbox, Not a Tool

Flexible, scalable set of interconnected programs: short-, medium- and long-term collaborations, and access via universities and/or colleges and polytechnics.

### Sector Expertise

Expert NSERC understanding of key sectors (ICT, Manufacturing, Natural Resources, Energy), and engagement with leading companies and industry associations within sectors.

### Community-Level Convening

Experienced advisors across Canada convene partnerships that strengthen regional clusters.

## Facts

**\$200M**

in annual co-investment by 3,600 industry partners in NSERC-led programs

**27%**

of NSERC-supported professors have a partnership with industry

**1,900**

new products in development over the past five years as a result of R&D activity triggered by NSERC-partnered programs

**10,000**

students trained each year in industrial settings

**1 in 3**

companies hire a student trained under NSERC partnership programs

**16,000**

attendees in 2015-16 at regional partnership-building workshops, strong industry demand for academic research (43% of attendees from business sector, 28% academic)

**97%**

of companies that have used NSERC's partnership programs would recommend them to others

