



Ontario Centres of
Excellence

Where Next Happens

OCE OVERVIEW & PROGRAMS

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March 23rd, 2016

Ontario Centres of Excellence is a member of



HOW TO PRONOUNCE PADRAIC



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Where Next Happens

Padraic – Paw-ric

ABOUT ONTARIO CENTRES OF EXCELLENCE (OCE)



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Where Next Happens

- Established by the Ontario government in 1987
- Created to bridge the gap and create partnerships between Ontario industry and college and university research departments and research hospitals
- OCE is part of the Ontario Network of Entrepreneurs (ONE), a client-focused, province-wide innovation network

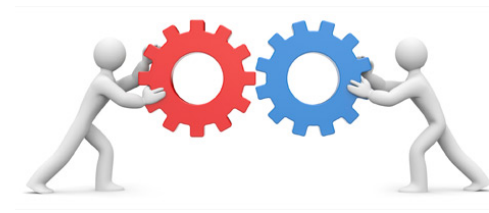


Ontario Network of Entrepreneurs

WHAT OCE DOES

Invests in Ontario's tomorrow

- > Drives the development of Ontario's economy by helping **create new jobs, products, services, technologies and businesses**
- > **Leverages** the full capacity of Ontario's research institutions to help technology-based companies commercialize research discoveries
- > **Leverages investments from industry** and other partners
- > Offers tailored **programs** that are responsive, flexible and adaptive
- > **Mentors** and supports students entrepreneurs with a promising business idea



Industry

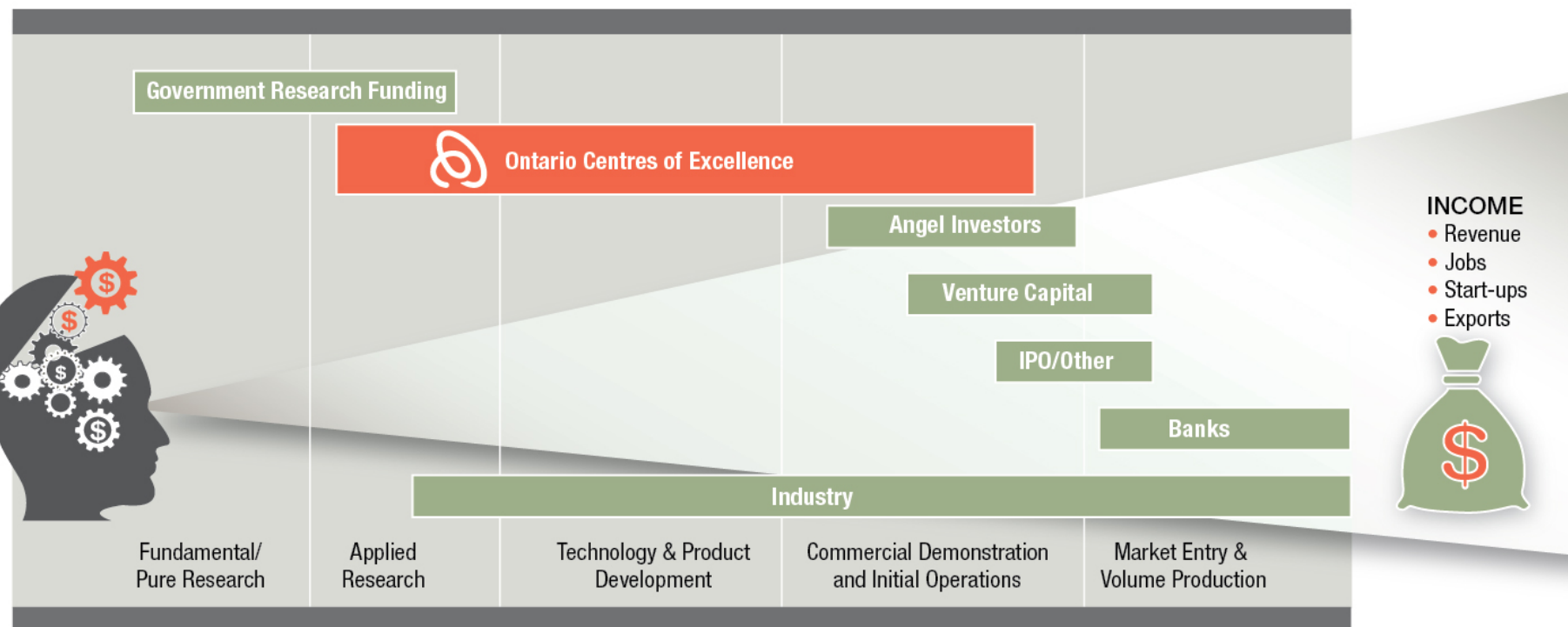
Universities, Colleges
& Research Hospitals

CAPITAL ENABLER



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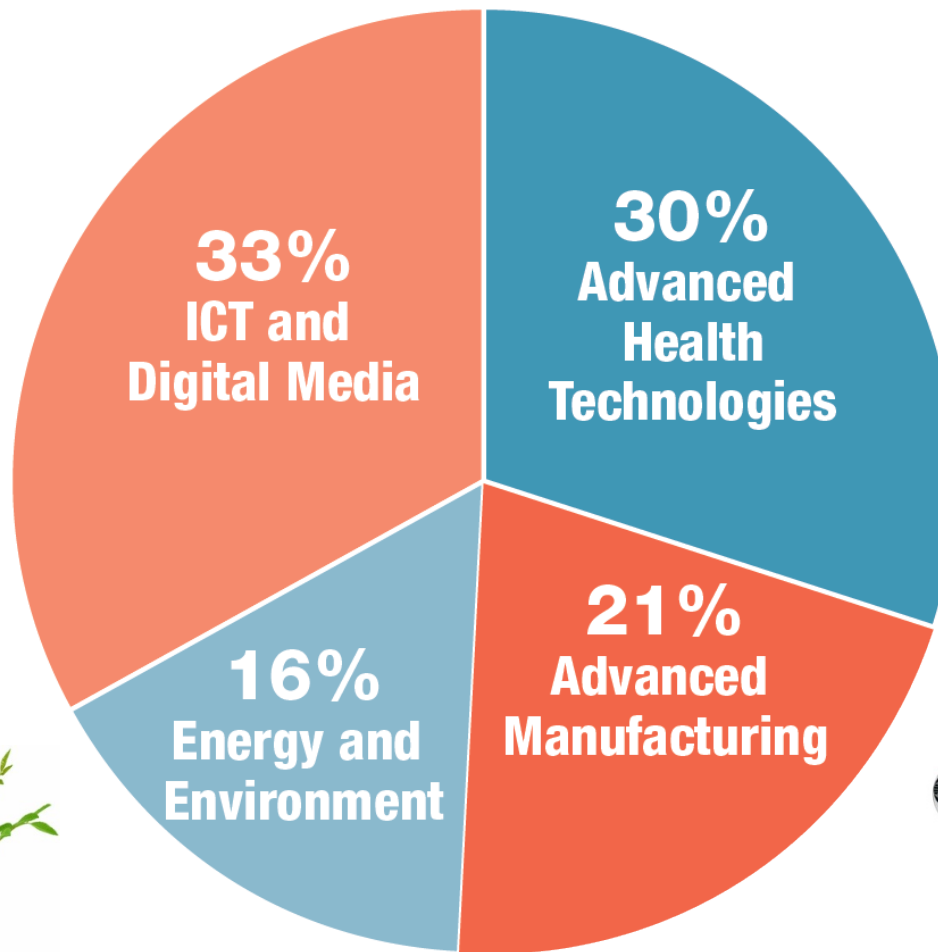
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PERCENTAGE OF PROJECTS BY SECTOR 2013/14



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PROGRAM OVERVIEW



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INDUSTRY-ACADEMIC R&D COLLABORATION

- Collaboration Voucher Program
 - Voucher for Industry Association R&D Challenge (VIA)
 - Voucher for Innovation and Productivity (VIP I & VIP II)
 - Voucher for E-Business (VEB)
- Alberta-Ontario Innovation Program
- Connected Vehicle/Autonomous Vehicle Research Program (CVAV)
- TalentEdge
 - Internships
 - Fellowships
- OCE/CQDM Explore Program

COMMERCIALIZATION

- Market Readiness Program
 - Market Readiness (Customer Creation)
 - Market Readiness (Company Building)
- AdvancingHealth Program

ENTREPRENEURSHIP

- On-Campus Entrepreneurship Activities
- Campus Linked Accelerators
- SmartStart Seed Fund
- Entrepreneurship Fellowships
 - Martin Walmsley Fellowships
 - David McFadden Energy Entrepreneur Challenge
- High School Competition
 - Young Entrepreneurs, Make Your Pitch

COLLABORATION VOUCHER PROGRAM



Voucher for Innovation and Productivity (VIP I)

- \$20,000 to address technical or research challenges that will have a commercial impact

Voucher for Innovation and Productivity (VIP II)

- Up to \$75,000 per year over 2 years

Voucher for Industry Association R&D Challenge (VIA)

- Enables cross-sector partnerships between industry associations or consortia of companies and academia to address R&D challenges



EXAMPLES



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Where Next Happens

- None with Hazelnuts
- Lots with grape and wine
- Some with soft and tender fruit



Gaining real-world experience and applying expertise to industry problems.

- **TalentEdge Internship Program**

- > University students (grad) work on collaborative industry-driven projects
- > OCE contribution \$10,000 for a 4 month term
- > Industry contribution \$5,000 cash and \$5,000 in-kind

- **TalentEdge Fellowship Program**

- > Ontario-based Postdoctoral Fellows (PDFs) work on industry-driven research and development projects
- > OCE contribution \$32,500 for a 12 month or 24 month term
- > Industry contribution \$25,000 cash and \$25,000 in-kind

COLLABORATION VOUCHER PROGRAM



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Fund	Length (months)	Industry Cash Contribution (\$)	Industry In-kind Contribution (\$)	Leveraged \$\$	Total Cash
NSERC Engage	6	0	Up to 25,000	25,000	25,000
OCE VIP 1	6-9	5,000	15,000	20,000	25,000
OCE VIP 2	Up to 24	25,000 – 37,500 per year	25,000 – 37,500 per year	50,000 – 75,000 per year	75,000 – 112,500
OCE TIP	4	5,000	5,000	10,000	15,000
OCE TFP	up to 24	25,000 per year	25,000 per year	32,500 per year	57,500 per year



Helping to reduce greenhouse gases.

- **\$74 million in funding**
- **Dedicated to projects that reduce greenhouse gas emissions, increase energy efficiency, support cleantech innovation**

PARTNERSHIPS: ONTARIO - ALBERTA



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AGRICULTURE/FORESTRY
DIGITAL MEDIA
MANUFACTURING
ENERGY & ENVIRONMENT
NANOTECHNOLOGY
BIOTECHNOLOGY
ADVANCED HEALTH TECHNOLOGIES



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Alberta-Ontario Innovation Program

- > Supports cross-provincial collaborations between industry and academia to solve key industry challenges in both provinces
- > Managed by Alberta Innovates-Technology Futures (AITF) and OCE. Industry-academic projects can also leverage existing NSERC programs
- > Focuses on industry needs that can be tackled through R&D and have economic benefits for both provinces
- > Connects industry to researchers who can provide innovative solutions to real-world challenges

PARTNERSHIPS - CARIC



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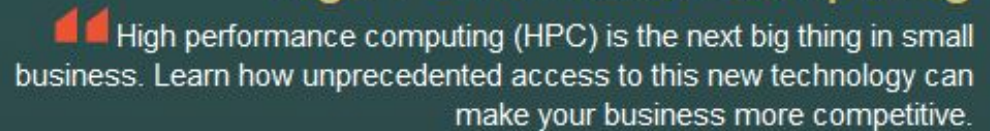


C A R I C

THE CONSORTIUM FOR AEROSPACE
RESEARCH AND INNOVATION IN CANADA

LE CONSORTIUM EN AÉROSPATIALE
POUR LA RECHERCHE ET L'INNOVATION
AU CANADA

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Discover^{ry}

Ontario Centres of Excellence

MAY 9-10, 2016

Metro Toronto Convention Centre





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THANK YOU

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Ontario Centres of Excellence is a member of

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