



Ontario Centres of
Excellence

**Presentation: Ottawa Wireless Cluster
Thurs January 8, 2009**

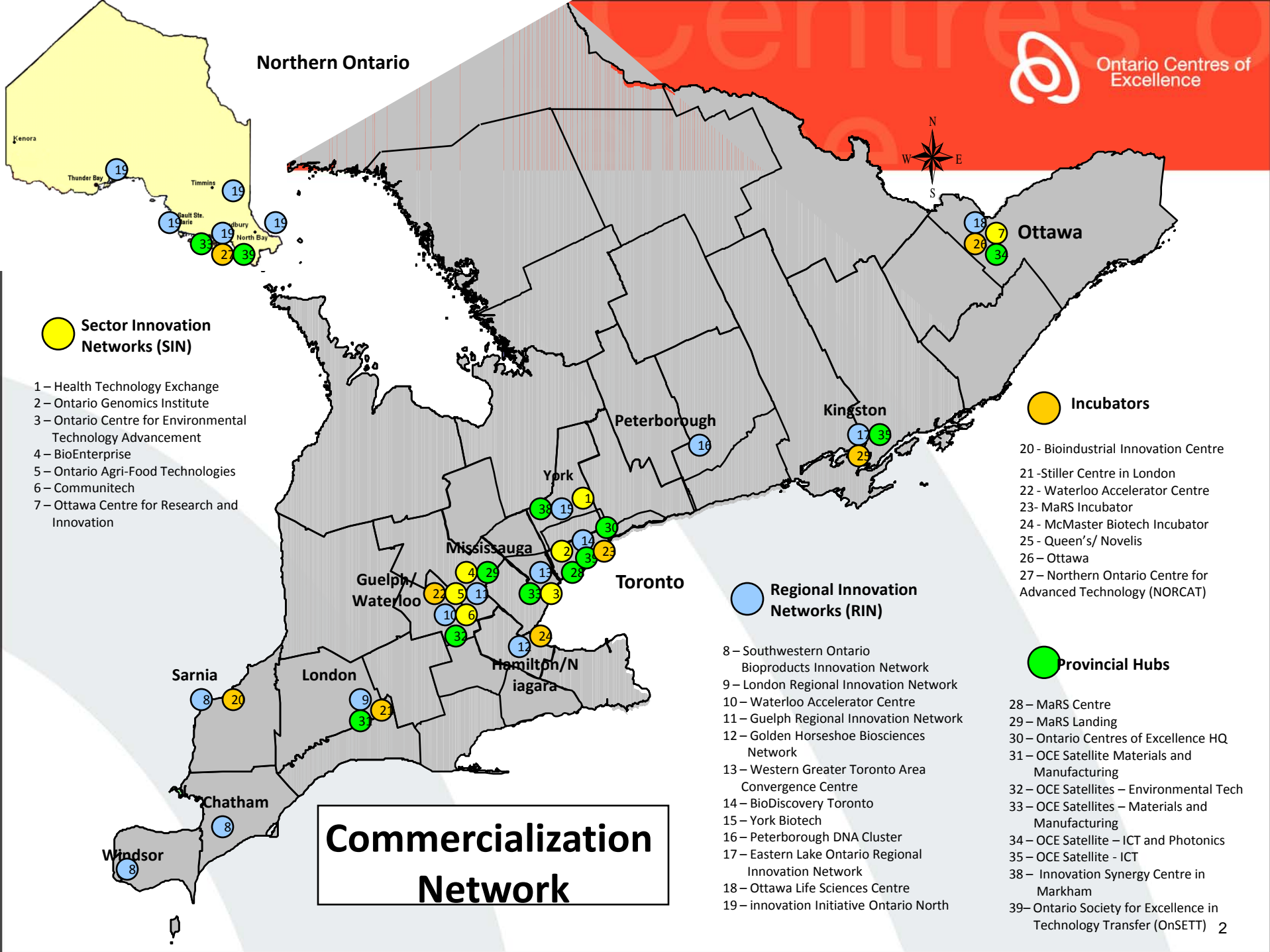
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Northern Ontario



Sector Innovation Networks (SIN)

- 1 – Health Technology Exchange
- 2 – Ontario Genomics Institute
- 3 – Ontario Centre for Environmental Technology Advancement
- 4 – BioEnterprise
- 5 – Ontario Agri-Food Technologies
- 6 – Communitech
- 7 – Ottawa Centre for Research and Innovation

Incubators

- 20 – Bioindustrial Innovation Centre
- 21 – Stiller Centre in London
- 22 – Waterloo Accelerator Centre
- 23 – MaRS Incubator
- 24 – McMaster Biotech Incubator
- 25 – Queen’s/ Novelis
- 26 – Ottawa
- 27 – Northern Ontario Centre for Advanced Technology (NORCAT)

Regional Innovation Networks (RIN)

- 8 – Southwestern Ontario Bioproducts Innovation Network
- 9 – London Regional Innovation Network
- 10 – Waterloo Accelerator Centre
- 11 – Guelph Regional Innovation Network
- 12 – Golden Horseshoe Biosciences Network
- 13 – Western Greater Toronto Area Convergence Centre
- 14 – BioDiscovery Toronto
- 15 – York Biotech
- 16 – Peterborough DNA Cluster
- 17 – Eastern Lake Ontario Regional Innovation Network
- 18 – Ottawa Life Sciences Centre
- 19 – innovation Initiative Ontario North

Provincial Hubs

- 28 – MaRS Centre
- 29 – MaRS Landing
- 30 – Ontario Centres of Excellence HQ
- 31 – OCE Satellite Materials and Manufacturing
- 32 – OCE Satellites – Environmental Tech
- 33 – OCE Satellites – Materials and Manufacturing
- 34 – OCE Satellite – ICT and Photonics
- 35 – OCE Satellite - ICT
- 38 – Innovation Synergy Centre in Markham
- 39 – Ontario Society for Excellence in Technology Transfer (OnSETT)

Commercialization Network



Ontario Centres of Excellence (OCE) Inc.

Who We Are

- Non-for-profit organization– supported by MRI
- Have been bridging the gap between academic research and the marketplace since 1987
- Improve Ontario competitiveness through innovation
- Leading driver of research commercialization
- Offices across Ontario
 - **Ottawa, Toronto, Mississauga, Waterloo, London, Kingston, Markham, Sudbury**

- **Communications and Information Technology**
 - Communications
 - Digital Media
 - Hardware & Software
 - Health & Medicine
 - Education
 - Security
- **Photonics**
- **Energy**
- **Earth & Environment**
- **Materials & Manufacturing**
- **Commercialization of Research**

Research Programs

	Interact	Proof of Concept	Collaborative	Champions of Innovation
Purpose	Introductory, fast track to collaborative, special centre-specific activity	Theories proven; Funding for physical experiments or prototypes to an industrial application	Industry supported Research	Breakthrough research; Disruptive Technology; Develop new theories;
Typical Duration	3 – 9 months	3 – 12 months	12 – 36 months	12 – 24 months
OCE Contribution	Max \$13,500	Average \$25,000	Average \$70 to \$200K per year	Typical \$100K per year
Partner Contribution Required	Cash + inkind must equal or exceed OCE cash	Cash + inkind must equal or exceed OCE cash	Cash + inkind must equal or exceed OCE cash	Partner contribution beneficial

Commercialization Programs

	Market Readiness	Martin Walmsley Fellowship	Investment Accelerator Fund
Purpose	<p>To develop the technology for the next stage of commercialization – the transfer to an existing company or the creation of a new company.</p> <ul style="list-style-type: none"> • Technology and Market Assessment • I.P. Protection • Prototype Development • Material Characterization • Demonstration • Business Plan Development • New Company Start-up 	<p>The Martin Walmsley Fellowship for Technological Entrepreneurship is designed to support an academic innovator who is working to transfer technology developed with the support of OCE into a new technologically innovative business (TIB) venture.</p>	<p>The Investment Accelerator Fund (IAF) is an early stage seed fund managed by the OCE that is designed to help Ontario technology companies bring their products and services to market.</p>
Typical Duration	12 month, renewable up to 2 times or 2 years	2 years	
OCE Contribution	Typical investments range from \$25,000 to \$50,000 per year; \$250,000 per year max.	\$50,000 per year, for up to two years	Up to \$500K, as a convertible debenture
Partner Contribution Required	Partner contribution preferred	n/a	n/a

Talent Programs

- **Connections**
 - Final year undergrad's work on a specific project for a company
 - Up to \$3,500 per team
- **International Scholarships**
 - Students & post doc's work abroad to benefit an OCE project, 4 months
 - Up to \$15,000
- **Professional Outreach**
 - Students & post doc's attend a conference, etc
 - Up to \$2000
- **Value added Personnel**
 - Graduates & post doc's take professional development courses
- **First Job / Ont. Internship**
 - Grad student hired in Ontario; 50% of 1st year salary (\$40K) ; 80% (\$50K) for startup company



OCE's CCR Programs

- **Marketing**
 - Workshops, seminars, events, awards
- **Business Development Funding**
 - Market Readiness type funding
- **Funding Opportunities**
 - Technology development
 - Compliance: verification, testing and certification
 - Intellectual property related
 - Market Research

SMART Program

- **Ont. Government & CME Program**
- **<http://www.cme-smart.ca>**
- **Eligible Projects**
- A wide variety of productivity improvement projects are eligible, including:
 - Lean manufacturing
 - Lean design
 - Quality improvement
 - Energy efficiency
 - IT best practices
 - Environmental Impact reduction
- **Projects selected for funding will receive 50% of eligible project costs, up to a maximum of \$50,000.**



Additional Ont. Government Programs

- **MED & MRI: www.ontariocanada.com**
- **Next generation of jobs fund**
- **JIT (Jobs and Investment Program)**
 - Projects must either create or retain at least 100 jobs, or invest \$25 million over five years. JIP can provide grants up to 15% of eligible project costs.
- **SOP (Strategic Opportunities Program)**
 - \$25M over 5 yrs; 30% from industry; MRI 25%
- **Eastern Ontario Development Fund**
 - 10 employees
 - A new project idea that with \$500K, will create new jobs in 5 years, develop new products or pursue new markets



Other Assistance

- **NRC-IRAP**
- **NSERC – CRD, Strategic projects, networks, mfg**
- **EDC**
- **Investors – BDC, ...**
- **Banks – RBC, ...**
- **Specialized – SDTC, ISTP Canada,**