## Innovation Fund / Fonds d’innovation

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<tr>
<th>Institution / Établissement</th>
<th>Number of Projects / Nombre de projets</th>
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<td>York University</td>
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## Innovation Fund / Fonds d'innovation

(by Project / par projet)

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<thead>
<tr>
<th>Project Title / Titre du projet</th>
<th>Institution / Établissement</th>
<th>Maximum CFI Contribution / Contribution maximale de la FCI</th>
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<tbody>
<tr>
<td>Western Arctic Research Centre (WARC) Warehouse: Supporting Research in the Western Arctic</td>
<td>Administrative / Administrateur Aurora College</td>
<td>$1,686,897</td>
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<tr>
<td>Development of Next Generation Liquid Argon Dark Matter Detector and of an Underground Argon Storage Facility at SNOLAB</td>
<td>Administrative / Administrateur Carleton University Collaborating / Partenaire University of Alberta Queen's University</td>
<td>$2,101,585.00 $2,752,134 $2,394,000</td>
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<td>Abilities Living Laboratory (ALL)</td>
<td>Administrative / Administrateur Carleton University Collaborating / Partenaire University of Ottawa / Université d'Ottawa</td>
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<tr>
<td>Toward Intelligent and Resilient Smart Cities with Energy-Vehicle-Human Interactions</td>
<td>Administrative / Administrateur Carleton University</td>
<td>723 417 $</td>
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<tr>
<td>Cancer risks of Arsenic and Radon environmental Exposures (CARE)</td>
<td>Administrative / Administrateur Dalhousie University Collaborating / Partenaire University of Calgary</td>
<td>$1,727,595 $569,400</td>
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<td>A BGC Argo Program for the NW North Atlantic Ocean</td>
<td>Administrative / Administrateur Dalhousie University Collaborating / Partenaire Memorial University of Newfoundland</td>
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<td>Advanced Sustainable Energy Technology (ASET) Research Program</td>
<td>Administrative / Administrateur Dalhousie University</td>
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2 of 15
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<th>Project Title / Titre du projet</th>
<th>Institution / Établissement</th>
<th>Maximum CFI Contribution / Contribution maximale de la FCI</th>
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<tr>
<td>Artificial Intelligence meets Ocean Science</td>
<td>Dalhousie University</td>
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<td>Next Generation Manufacturing of Advanced Ceramics (NG-MAC)</td>
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<td>Atomistics of Engineering and Natural Materials</td>
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<td>Quantum Dynamics Laboratory: Tools to Visualize Advanced Materials at Work</td>
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<td>Canadian Hydrogen Observatory and Radio transient Detector (CHORD)</td>
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## Innovation Fund / Fonds d'innovation

(by Project / par projet)

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<th>Project Title / Titre du projet</th>
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<th>Maximum CFI Contribution / Contribution maximale de la FCI</th>
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<tr>
<td>Next Generation Dopaminergic Cell Modeling and Therapeutics for Movement Disorders</td>
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<td>Nanotools III</td>
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<td>Building Architecture Research Node/Nodule de recherche architecturale du bâtiment</td>
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<td>Centre for Applied Nanomedicine (CAN) – Studies into Extracellular Vesicle Heterogeneity, Biomarkers and Function</td>
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<td>Functional Atomic-scale Materials Engineering (FAME)</td>
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<td>Towards Dynamic Materials Characterization with Electrons and Photons in Extreme Environments</td>
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## Innovation Fund / Fonds d'innovation
*(by Project / par projet)*

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<th>Project Title / Titre du projet</th>
<th>Institution / Établissement</th>
<th>Maximum CFI Contribution / Contribution maximale de la FCI</th>
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| Transformative Nano-manufacturing Enabled by Programmable Assembly, Self-alignment and Direct-write Technologies | Administrative / Administrateur McMaster University | $2,137,090
|                                                                                                 | $2,137,090                                                       |                                                             |
| 3D Multi-scale Correlative and Time-lapsed Microscopy: A Canadian Platform for Materials Acceleration | Administrative / Administrateur McMaster University | $3,413,793
|                                                                                                 | $3,413,793                                                       |                                                             |
| Canadian Longitudinal Study on Aging (CLSA): A Platform for Interdisciplinary Research           | Administrative / Administrateur McMaster University | $9,578,643
|                                                                                                 | $9,578,643                                                       |                                                             |
| ACESCentre: Atlantic Canada Environmental and Sustainable Chemistry Centre                        | Administrative / Administrateur Memorial University of Newfoundland, Collaborating / Partenaire Saint Mary’s University | $6,287,709
|                                                                                                 | $485,349                                                         | $6,773,058                                                   |
| ExCELLirate Canada: Expanding CELL-based Immunotherapy Research Acceleration for Translation and Evaluation | Administrative / Administrateur Queen’s University, Collaborating / Partenaire McMaster University University of Ottawa / Université d’Ottawa, University de Montréal, University of Calgary | $2,145,305
|                                                                                                 | $271,276, $1,613,072, $850,859, $307,173                         | $5,187,685                                                   |
| Climate Adaptive infraStructure Testing and Longevity Evaluation (CASTLE) Innovation Cluster     | Administrative / Administrateur Queen’s University, Collaborating / Partenaire Royal Military College of Canada / Collège militaire royal du Canada | $4,020,000
|                                                                                                 | $450,000                                                         | $4,470,000                                                   |
| Smart Campus Integration and Testing Lab                                                        | Administrative / Administrateur Ryerson University | $1,962,000
<p>|                                                                                                 | $1,962,000                                                       |                                                             |</p>
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<td>Probing the Molecular State of Rare Cell Phenotypes</td>
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<td>A Center for Quantitative Ultrastructural Analyses</td>
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<td>Revealing the Functional and Molecular Mechanisms of Brain Disease with Better Imaging Tools</td>
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| CGEn – A National Platform for Genome Sequencing and Analysis | Administrative / Administrateur  
The Hospital for Sick Children  
Collaborating / Partenaire  
The University of British Columbia  
McGill University | $4,492,301  
$3,229,712  
$3,429,780 |
| The Continuum of Protein Interactions in Health and Disease | Administrative / Administrateur  
The Hospital for Sick Children | $1,678,236 |
| Cancer Single Cell Dynamics Observatory | Administrative / Administrateur  
The University of British Columbia | $2,396,810 |
| Used-Water to Resources (U-WatR) | Administrative / Administrateur  
The University of British Columbia | $1,591,394 |
| Momentum-resolved Electron-pair Spectroscopy (2e-ARPES) | Administrative / Administrateur  
The University of British Columbia | $2,628,802 |
| Enabling the Search for Neutrinoless Double-beta Decays in Xe-136 with nEXO | Administrative / Administrateur  
The University of British Columbia | $6,523,155 |
| MiDAS - Microbial Diversity Expansion for Applied Sciences | Administrative / Administrateur  
The University of British Columbia | $3,276,459 |
| HAICU: Hydrogen Antihydrogen Infrastructure at Canadian Universities for Quantum Innovations in Antimatter Science | Administrative / Administrateur  
The University of British Columbia | $4,559,274 |
<table>
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<tr>
<th>Project Title / Titre du projet</th>
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<tr>
<td>iMAP in vivo Mesoscale Assessment of neuroProjectomes</td>
<td>Administrative / Administrateur The University of British Columbia</td>
<td>$2,315,582 $</td>
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<td>AM+: Mobilizing Additive Manufacturing for Automotive, Aerospace and Clean Energy</td>
<td>Administrative / Administrateur The University of British Columbia</td>
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<td>Rapid Air Improvement Network (RAIN)</td>
<td>Administrative / Administrateur The University of British Columbia</td>
<td>$2,028,080 $</td>
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<td>The TRUbI/O Network, a hub for genomics and bioinformatics innovation in the British Columbia interior</td>
<td>Administrative / Administrateur Thompson Rivers University</td>
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<td>Canadian Mother-Child Cohort Active Surveillance Initiative (CAMCCO)</td>
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<td>CHUSJ IMAGE Centre: Imaging for neurodevelopment and Mental health across Age, Genes and Environments</td>
<td>Administrative / Administrateur Université de Montréal</td>
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<td>Auditory-Motor Skill Learning and Brain Plasticity</td>
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<td>Innovative Program in Gene, Cell and Tissue Engineering for the Treatment of Pediatric Monogenic Diseases and Cancers</td>
<td>Administrateur / Administrative Université de Montréal</td>
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<td>MIIRCIC: Multimodal Intelligent Infrastructure for Research in Critically Ill Children</td>
<td>Administrateur / Administrative Université de Montréal, Partenaire / Collaborating Université du Québec - École de technologie supérieure</td>
<td>723 461 $, 200 000 $</td>
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<td>Neurodevelopmental Basis of Nervous System Disorders: NeuroBasis</td>
<td>Administrateur / Administrative Université de Montréal, Partenaire / Collaborating McGill University</td>
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<td>T-cells and Cancer Immunotherapy</td>
<td>Administrateur / Administrative Université de Montréal</td>
<td>3 976 787 $</td>
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<td>PURE: Particles in URban Environments</td>
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<td>PYRIDINE: PolYmeR blg Data INtErface</td>
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<td>Distributed Digital Intelligence Network (D2IN): Development of disruptive and low-cost microsystems for edge computing</td>
<td>Administrateur / Administrative Université de Sherbrooke, Partenaire / Collaborating Université du Québec - École de technologie supérieure</td>
<td>5 099 774 $, 1 600 000 $</td>
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</table>
### Innovation Fund / Fonds d'innovation
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<tr>
<td>Multidisciplinary Observatory for Arctic Climate Change and Extreme Events Monitoring (MOACC)</td>
<td>Administrateur / Administrative Université de Sherbrooke</td>
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<td>Intelligent Cyber Value Chain Network (CÉOS Net)</td>
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<td>Upgraded-Laboratory of Micro- and Nanofabrication (U-LMN)</td>
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<td><strong>722 423 $</strong></td>
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<td>Baffin Island Environmental Research Stations</td>
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<td>5 400 299 $</td>
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<td></td>
<td>Partenaire / Collaborating Université du Québec à Rimouski</td>
<td>1 070 000 $</td>
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<td>Université du Québec à Trois-Rivières</td>
<td>532 650 $</td>
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<td>A cGMP Facility for Personalized Tissue Engineering</td>
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<td>4 709 800 $</td>
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<td><strong>4 709 800 $</strong></td>
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<td>Manufacturing of Antigens and Adjuvants for development of Vaccines (MAAV)</td>
<td>Administrateur / Administrative Université Laval</td>
<td>1 889 630 $</td>
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<td><strong>1 889 630 $</strong></td>
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<tr>
<td>Project Title / Titre du projet</td>
<td>Institution / Établissement</td>
<td>Maximum CFI Contribution / Contribution maximale de la FCI</td>
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<td>Une forêsterie agile face au climat: De l'écosystème jusqu'aux marches</td>
<td>Administrateur / Administrative Université Laval</td>
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<td></td>
<td>Partenaire / Collaborating Université du Québec à Chicoutimi</td>
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<td>Université du Québec en Abitibi-Témiscamingue</td>
<td>200 000 $</td>
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<tr>
<td>The Toronto Liver Research Centre: A Multidisciplinary Concentration of Liver Research</td>
<td>Administrative / Administrateur University Health Network</td>
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<td>ELEMENTS: Earth, Life, Energy and Materials with multi-Elements for Nano to Terrestrial Structures</td>
<td>Administrative / Administrateur University of Alberta</td>
<td>$5,079,691</td>
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<td>Ultrafast Nanoscale Quantum Dynamics (UltraNanoQD)</td>
<td>Administrative / Administrateur University of Alberta</td>
<td>$3,881,218</td>
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<td>Canadian Analytics Network for Outcome Prediction In Exposures (CANOPIE)</td>
<td>Administrative / Administrateur University of Alberta</td>
<td>$3,145,322</td>
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<td>RADiation Impacts on Climate and Atmospheric Loss Satellite (RADICALS) Mission</td>
<td>Administrative / Administrateur University of Alberta</td>
<td>$8,131,497</td>
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<td>“Protein Misfolding Scientific Exploration” (ProMiSE) Team: Infrastructure support for remediation of protein misfolding</td>
<td>Administrative / Administrateur University of Alberta</td>
<td>$3,851,724</td>
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<td>QDiamond: Accelerating the Second Quantum Revolution</td>
<td>Administrative / Administrateur University of Calgary</td>
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<td>Collaborating / Partenaire University of Alberta</td>
<td>$1,960,539</td>
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<td>Centre for Cell Therapy Translation (CTT)</td>
<td>Administrative / Administrateur University of Calgary</td>
<td>$1,831,803</td>
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</table>
### Innovation Fund / Fonds d'innovation

*by Project / par projet*

<table>
<thead>
<tr>
<th>Project Title / Titre du projet</th>
<th>Institution / Établissement</th>
<th>Maximum CFI Contribution / Contribution maximale de la FCI</th>
</tr>
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<tbody>
<tr>
<td>Imaging the Development of Brain Circuits for Early Detection and Intervention in Mental Illness</td>
<td>Administrative / Administrateur University of Calgary</td>
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$1,831,803
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<tr>
<th>Project Title / Titre du projet</th>
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<tbody>
<tr>
<td>Wild Microbiome and Immunity Centre</td>
<td>Administrative / Administrateur University of Calgary</td>
<td>$4,860,000</td>
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<tr>
<td>Durable Materials for Electrolyzers, Fuel Cells, and Batteries</td>
<td>Administrative / Administrateur University of Calgary</td>
<td>$2,992,600</td>
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<tr>
<td>NCTR Digital Architecture</td>
<td>Administrative / Administrateur University of Manitoba</td>
<td>$2,411,773</td>
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<tr>
<td>The MOLLER Detector: Expanding our understanding of matter in the universe with a new, precision electron detector</td>
<td>Administrative / Administrateur University of Manitoba</td>
<td>$2,336,900</td>
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<td>Transformative nanophotonics</td>
<td>Administrative / Administrateur University of Ottawa / Université d’Ottawa</td>
<td>$7,688,879</td>
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<tr>
<td>Center for Hybrid Interfaces and Intelligent Thin-Films (HIIT)</td>
<td>Administrative / Administrateur University of Ottawa / Université d’Ottawa Collaborating / Partenaire École Polytechnique de Montréal Cégep André-Laurendeau</td>
<td>$5,586,705 $1,929,380 $500,000</td>
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<td>Operation Heat Shield Canada – Protecting Human Health on a Warming Planet</td>
<td>Administrative / Administrateur University of Ottawa / Université d’Ottawa</td>
<td>$1,986,842</td>
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<td>Hub of Excellence for Cardio-Neuro-Mind Research – HCNMR</td>
<td>Administrative / Administrateur University of Ottawa / Université d’Ottawa</td>
<td>$5,856,907</td>
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### Innovation Fund / Fonds d'innovation (by Project / par projet)

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>A Multi-Hazards Simulator (MHS) for Sustainable and Resilient Infrastructure</td>
<td>Administrative / Administrateur University of Ottawa / Université d'Ottawa</td>
<td>$2,623,339</td>
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<td>Mitochondrial Systems (mitoSYSTEMS) Research Centre for Chronic Disease</td>
<td>Administrative / Administrateur University of Regina</td>
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<td>Integrated Genomics for Sustainable Animal Agriculture and Environmental Stewardship</td>
<td>Administrative / Administrateur University of Saskatchewan Collaborating / Partenaire Saskatchewan Polytechnic University of Alberta</td>
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<td>The Canadian Agricultural Centre for Engineering Biology (CACEB)</td>
<td>Administrative / Administrateur University of Saskatchewan</td>
<td>$3,199,272</td>
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<td>A Massive Transformation of the Dragonfly Telephoto Array</td>
<td>Administrative / Administrateur University of Toronto</td>
<td>$1,819,000</td>
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<td>AcDC: Accelerator for Donnelly Collaboration</td>
<td>Administrative / Administrateur University of Toronto</td>
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<td>Mega-Scale Multi-Dimensional Experimental Facility for Enhancing Canada's Infrastructure Resilience</td>
<td>Administrative / Administrateur University of Toronto</td>
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<td>An Integrated Platform for the Analysis of Brain Inflammation</td>
<td>Administrative / Administrateur University of Toronto</td>
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<td>Intermediate Detector for the Hyper-Kamiokande Neutrino Oscillation Experiment</td>
<td>Administrative / Administrateur University of Victoria Collaborating / Partenaire University of Regina The University of Winnipeg</td>
<td>$2,500,000 $1,400,000 $1,000,000</td>
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<tr>
<td>Project Title / Titre du projet</td>
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<tr>
<td>Developing Innovative Technologies for Predicting and Remediating Environmental Contamination</td>
<td>Administrative / Administrateur University of Waterloo</td>
<td>$3,313,077</td>
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<td>Waterloo Aquatic Threats Environmental Research (WATER) Facility</td>
<td>Administrative / Administrateur University of Waterloo</td>
<td>$780,000</td>
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<td>forWater AID: Advanced Infrastructure Development for forested drinking water source protection technologies in Canada</td>
<td>Administrative / Administrateur University of Waterloo</td>
<td>$3,522,752</td>
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<tr>
<td>CCAT-prime: A Submillimetre Wavelength Survey Telescope in Chile</td>
<td>Administrative / Administrateur University of Toronto</td>
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<td>Advanced Materials Ontario: Harnessing the Power of Multifunctional Materials for New Technologies</td>
<td>Administrative / Administrateur University of Waterloo</td>
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<td>Ontario Centre for Battery and Electrochemical Research</td>
<td>Administrative / Administrateur University of Waterloo</td>
<td>$2,088,832</td>
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<td>Women's Virtual Care Research Laboratory</td>
<td>Administrative / Administrateur Women's College Hospital</td>
<td>$1,184,061</td>
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## Innovation Fund / Fonds d'innovation

(by Project / par projet)

<table>
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<tr>
<th>Project Title / Titre du projet</th>
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<tr>
<td><strong>Tabletop probe of PeV-scale new physics</strong></td>
<td>Administrative / Administrateur York University</td>
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<td>Collaborating / Partenaire University of Toronto</td>
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<td><strong>Technology-Enhanced Drug Development and Manufacturing: MirrorLab</strong></td>
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<td>Collaborating / Partenaire The University of Western Ontario</td>
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<td>102 projects / projets</td>
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### NOTE / À NOTER

As part of this announcement, an additional $118,111,267 was awarded under the Infrastructure Operating Fund (IOF), a mechanism that assists institutions with the incremental operating and maintenance costs associated with the new infrastructure. / Cette annonce comprend l’attribution d’une somme additionnelle de 118 111 267 dollars du Fonds d’exploitation des infrastructures. Les établissements utilisent ces montants pour assumer une partie des coûts d’exploitation et de maintenance de la nouvelle infrastructure.

An additional contribution of $6,286,434 was awarded to 22 multi-institutional proposals involving three or more collaborating CFI eligible institutions, to cover incremental administrative costs associated with the management and governance of those proposals. / Une contribution supplémentaire de 6 286 434 dollars a été octroyée à 22 propositions multiétablissements impliquant au moins trois établissements admissibles selon les critères de la FCI, pour couvrir les coûts administratifs croissants liés à la gestion et à la gouvernance de ces propositions.