



CENGN LIVING LAB SERVICES OVERVIEW

 CENGN Living Lab Initiative

Funded Access to Living Lab Environments



VALIDATE YOUR
TECHNOLOGY
SOLUTION FOR
COMMERCIAL
GROWTH



Canada's Centre of Excellence in Next Generation Networks

▶ *Canadian technology accelerator supporting innovation, adoption and commercialization of advanced technologies*



- **12,000 jobs** supported across Canada
- **\$1.15 billion** contributed to Canada's GDP
- **230+ commercialization projects** completed
- **300+ internships** with a 97% employment rate



CENGN Living Labs

Providing Infrastructure, Expertise and Support to
Validate Canadian Tech Solutions for Commercial Growth



GAIN ACCESS TO

- Real End-User Environments
- End-to-End Testing Services and Expertise
- The Latest 5G and Advanced Network Technology
- Specialized Student Internships



PREPARE COMMERCIAL SOLUTIONS FOR

- Market Entry
- Performance at Scale
- An Increase in Technology Readiness Level (TRL)
- New Customers

SECTOR BASED ENVIRONMENTS



Artificial Intelligence



Robotics



Defence



Agriculture



Commercial & Residential Buildings



Advanced Manufacturing



Transportation

CENGN LIVING LAB INITIATIVE

Smart Agriculture Living Lab



UBC - Vancouver, BC

Connected Robotics Living Lab



UW - Waterloo, ON

Smart Mobility Living Lab



AREA X.O - Ottawa, ON

5G Advanced Living Lab



Bayview Yards - Ottawa, ON

Smart Residential Building Living Lab



Bay Club - Toronto, ON

Smart Commercial Building Living Lab



Place Innovation - Montreal, QC

Smart Retail Building Living Lab



St-Laurent Mall - Ottawa, ON

Advanced Manufacturing Living Lab



CNIMI - Drummondville, QC



CENGN LIVING LAB SERVICES

Performance Benchmarking

IoT-Enabled Sensor Testing

Indoor Advanced Positioning
Testing

Advanced Communications Testing

Robotic Functional Testing

Human-Robot Interactivity Testing

Autonomous Vehicle Testing

Unmanned Aerial Systems Testing

Internship Service



CENG **LIVING LABS ACROSS CANADA**



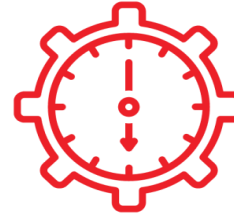
CENGN DATA CENTER SERVICES



**Load
Testing**



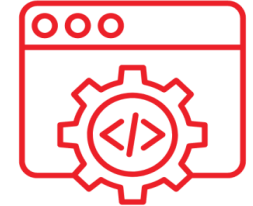
**Stress
Testing**



**Scalability
Testing**



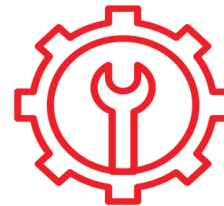
**Latency
Testing**



**Throughput
Testing**



**Resource Utilization
Testing**



**Endurance (Soak)
Testing**



**Security Performance
Testing**



OPEN CALL FOR PROPOSALS

INNOVATION PROJECTS

Canadian startups and scaleups validate their readiness for market entry and test their products at scale.

Your CENG Project will receive non-dilutive funding

ADOPTION PROJECTS

Canadian startups and scaleups demonstrate their solutions against specific client requirements to de-risk solution adoption.

Your CENG Project will receive non-dilutive funding

Eligibility

- ✓ Incorporated or based in Canada
- ✓ Fewer than 500 employees
- ✓ Technology readiness level must be at TRL 4 and above

Funding

- ✓ Reimbursement model
- ✓ Up to 40 % of eligible expenses
- ✓ Direct labour and materials, subcontracting, equipment, travel, other services



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THANK YOU!

Learn more about:

[CENGN Living Lab Initiative](#)

[Performance Testing Services](#)

[Submit Your Expression of Interest](#)

If you have questions, contact: services@cengn.ca