



THE FUTURE

The long-term success of the CLS will be secured by its contribution to Canada's economic and social prosperity. This will require a coordinated and focused approach in areas where the needs of the scientific community align with the current and future capabilities of the CLS.

This Plan will enable the CLS and its clients to maintain a respected place in the global research community.

Achievement of the CLS vision will continue to build Canada's reputation on the world stage.

Key Outcomes

Successful achievement of the Plan will be indicated by:

- **A broader client base from the target sectors – health, agriculture, environment, and advanced materials.**
- **Discoveries and innovations; turning ideas into jobs, economic growth, and enhanced quality of life for all Canadians**
- **Sector-focused teams of researchers, industry partners, and resources**
- **Attraction, retention, and development of key talent to support ongoing operations**
- **Connecting business innovation with research capacity to drive the Canadian economy**
- **Stronger ties to other light sources and Canadian research centres and institutes**



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synchrotron

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CANADIAN LIGHT SOURCE INC.

STRATEGIC PLAN | 2017-22

Discovery, Innovation, Solutions



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Vision

Delivering innovative solutions as a leading centre for research excellence in health, agriculture, environment, and advanced materials.

LOOKING FORWARD

This Plan will continue to strengthen the reputation and achievements of the CLS through improved service delivery, alignment with the needs of the scientific community, and robust risk management, while positioning the organization for development and success for the next generation of researchers.

Objectives

To realize the vision, the CLS will restructure how it supplies research solutions by diversifying its service delivery model and building new capabilities. Four key strategic objectives, identified here, will ensure realization of the vision, and provide a base for evaluating ongoing performance. Over the next five years, the CLS will evolve and adapt its suite of programs and services to achieve these goals.

Objective 1

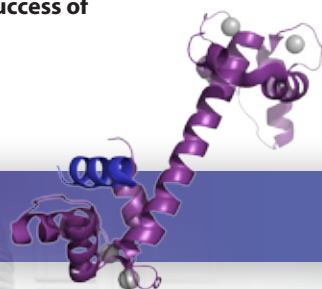
Increase impact by being a solution provider

Building on the strength of the industrial program and its capacity to adapt to the priorities of the Canadian economy, the CLS will increase its research impact by attracting a broader base of clients.

The CLS will enable solutions to Canada's biggest challenges by focusing on problem solving and collaborating closely with academic and industry researchers, developing synchrotron-based experiments to support and accelerate their investigations, and connecting the goals of the broader research community to CLS capabilities and strengths.

CLS will achieve this goal by:

- **Maintaining and cultivating high performance clients**
- **Attracting, retaining, and developing personnel**
- **Increasing service support to attract and ensure the success of new clients**
- **Enhancing beamline access and usage**



Objective 2

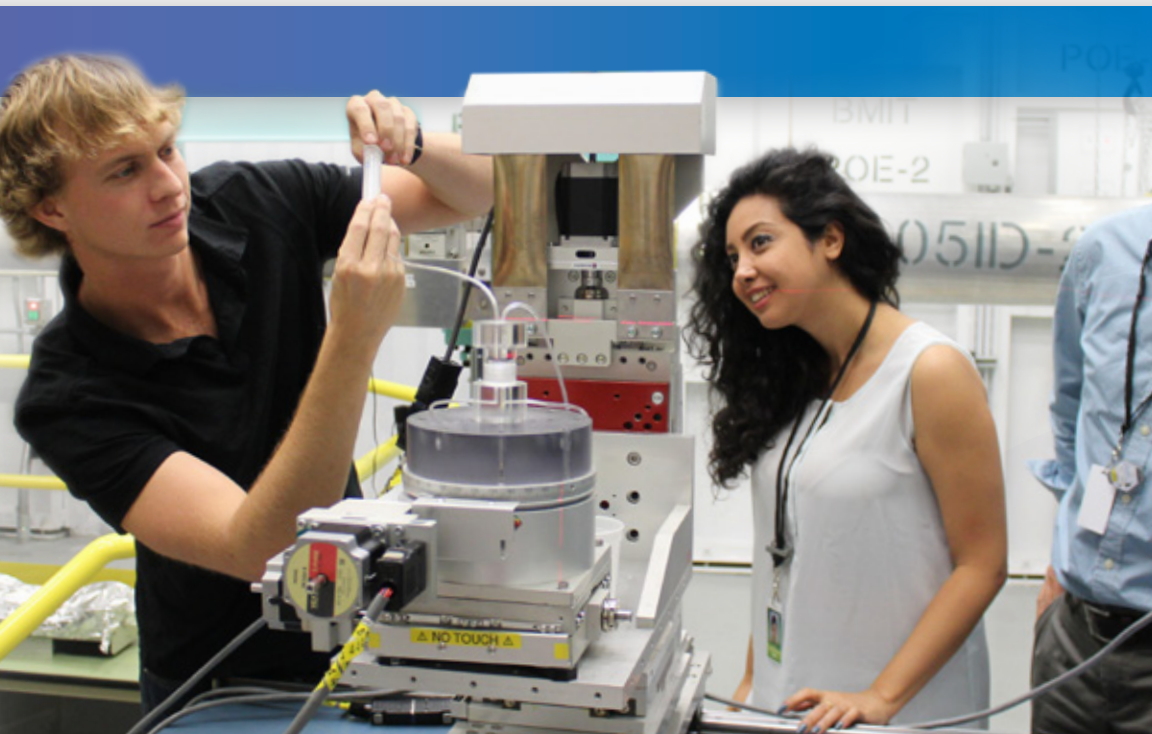
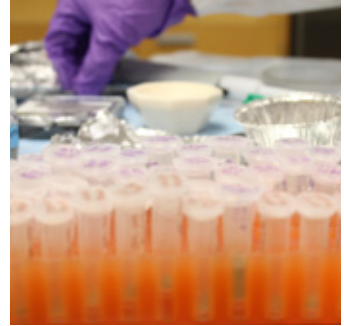
Focus research and industry sector activities in areas with the greatest potential

Like all organizations, the CLS operates in a constrained environment, requiring it to identify and capitalize on areas of high potential likely to have the most significant impact.

Based on Canada's economic priorities, the CLS will prioritize investment in key sectors: health, agriculture, environment and advanced materials.

CLS will achieve this goal by:

- **Creating sector-focused service delivery teams**
- **Prioritizing investment in processes, systems and people in key sectors**
- **Integrating science, machine and industrial expertise**
- **Enhancing international engagement to develop staff and continue to enhance the facility.**



Objective 3

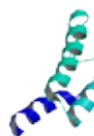
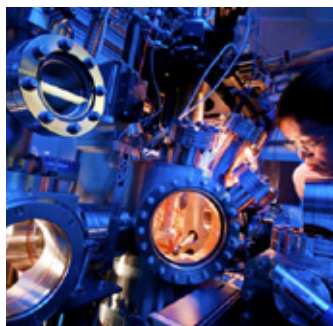
Enhance and capitalize on machine science and engineering expertise

CLS history and foundational expertise, originating with the Saskatchewan Accelerator Lab (est. 1964), is a key strength that requires continuous nurturing. Globally, the CLS is recognized for its proficiency and innovation in accelerator and beamline development.

As major capital investments such as upgrades to 4th generation rings are made at facilities worldwide, it will be increasingly important for CLS to maintain its competitiveness through effective capacity development, knowledge transfer and ongoing investment in upgrades.

CLS will achieve this goal by:

- **Integrating new capabilities to enhance the impact of the facility**
- **Ensuring effective knowledge transfer and future technical capacity**
- **Building the case for the future of light source science in Canada**



Objective 4

Establish broad awareness of the CLS as an accessible driver of innovation

Building awareness about the CLS's ability to support innovation and its role in improving the quality of life for all Canadians is essential to the facility's ongoing sustainability, to enhancing accountability to funding partners, and to attracting new academic and industrial clients.

CLS will achieve this goal by:

- **Implementing a comprehensive and sustained communication and awareness strategy**
- **Strengthening community connections**
- **Developing client relationship-enabling tools, processes and systems**

