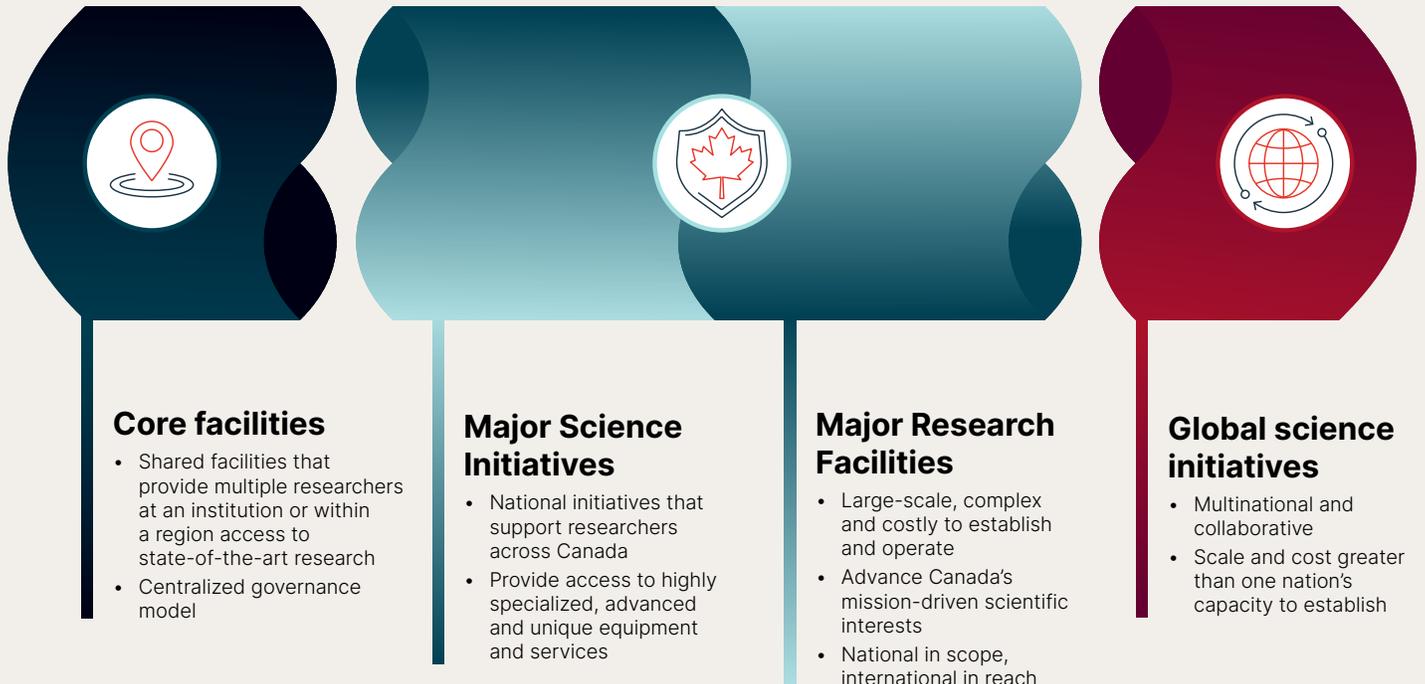


Types of research facilities

National Research Facilities



Detailed CFI definitions of research facilities

Core facilities

A core facility provides access to state-of-the-art research services, analyses, instruments, technology, expertise, training and education which are generally too expensive, complex or specialized for researchers to cost-effectively provide and sustain themselves.

A core facility:

- Is broadly available to many researchers to conduct their research activities, irrespective of their administrative affiliation and with no requirement for collaboration or co-authorship
- Has dedicated equipment and serves a large variety of research programs
- Is formally recognized as a core facility and supported by the research institution where it is located
- Has a clearly defined governance and management structure
- Has a sound management plan reflective of its mandate, breadth and complexity
- Has dedicated management involving individuals with the technical and subject matter expertise necessary to oversee all aspects of the facility.

* From the 2027 Innovation Fund competition call for proposals

Major Science Initiatives

The Major Science Initiatives Fund supports National Research Facilities for which the loss or absence of support would represent a serious setback for Canada.

Each facility addresses the needs of a community of Canadian researchers representing a critical mass of users distributed across the country.

The facility does this by providing shared access to substantial and advanced specialized equipment, services, resources, and scientific and technical personnel.

Whether single-sited, distributed, or virtual, the facility:

- Supports leading-edge research and technology development, and promotes the mobilization of knowledge and transfer of technology to society
- Requires resource commitments well beyond the capacity of any one institution
- Is specifically identified or recognized as serving pan-Canadian needs and its governance and management structures reflect this mandate.

* From the 2023 Major Science Initiatives Fund oversight framework

Major Research Facilities

The following are common characteristics of facilities within the scope of the Major Research Facilities framework:

- National in both scope and significance, advancing Canada's scientific interests and objectives, resulting in benefits of national strategic value, and critical research infrastructure
- International in reach, contributing to the advancement of international science, hosting international users, and participating in international agreements, networks and projects
- Unique in capabilities offered and breadth of multidisciplinary and multisectoral communities served
- Complex, requiring extraordinary planning and engagement of multiple players
- Large-scale, carrying significant and long-term operating costs, and typically exceeding \$100 million in capital costs.

* From the implementation plan for the Major Research Facilities framework