



Innovation, Science and
Economic Development Canada

Innovation, Sciences et
Développement économique Canada

Canada

ISED

Innovation, Science and Economic Development

www.ic.gc.ca



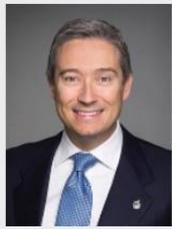
What do you think ISED does?

- Provides info on intellectual property like copyrights and logos
- Helps entrepreneurs grow their business
- Provides funding for innovators
- Regulates gas pumps

- Yes, all of them, and so much more!

ISED's mandate

Minister



[The Honourable François-Philippe Champagne](#)
Minister of Innovation, Science and Industry

Minister



[The Honourable Mary Ng, MP](#)
Minister of International Trade, Export Promotion, Small Business and Economic Development

Minister



[The Honourable Randy Boissonnault](#)
Minister of Tourism and Associate Minister of Finance

Minister



[The Honourable Gudie Hutchings](#)
Minister of Rural Economic Development

- To improve conditions for investment,
- To enhance Canada's innovation performance,
- To increase Canada's share of global trade, and
- To build a fair, efficient and competitive marketplace.

Sectors

Audit and Evaluation Branch

- Provides independent audit and evaluation of ISED services

Innovation Canada

- 1-stop shop for innovators: growth strategies, money

Spectrum and Telecommunications

- Researches and regulates radio frequency and equipment

Canadian Intellectual Property Office

- Intellectual property (IP) services and educate Canadians on how to use IP more effectively

Science and Research

- Clean tech, clean growth, science policy

Strategic Communications and Marketing

- Web publishing, creative services, events, communications

Competition Bureau

- Fosters competition for the benefit of consumers and businesses

Small Business and Marketplace

- Corporate law; accuracy in the selling of measured goods; bankruptcy, tourism

Internal Services

- Oversight
- Planning
- Finance
- HR
- Facilities
- IT services
- Security

Industry

- Automotive, Technological Benefits, Manufacturing, Life Sciences

Strategy and Innovation Policy

- Trade, telecom and internet policy, microeconomic research

ISED Portfolio

- Atlantic Canada Opportunities Agency (ACOA)
- Business Development Bank of Canada (BDC)
- Canadian Space Agency (CSA)
- Competition Tribunal (CT)
- Copyright Board Canada (CB)
- Destination Canada (DC)
- Federal Economic Development Agencies
- National Research Council Canada (NRC)
- Natural Sciences and Engineering Research Council Canada (NSERC)
- Social Sciences and Humanities Research Council of Canada (SSHRC)
- Standards Council of Canada (SCC)
- Statistics Canada (StatCan)

Our work

Support for Businesses

Support businesses to think and act globally, grow, take on risk and participate in global supply chains

Regulate the marketplace

Improve competitiveness and improve policies to anticipate and respond to global economic shifts

Support for Businesses

- Accelerated Growth Service
- Canada Digital Adoption Program
- Innovative Solutions Canada
- Women's Entrepreneurship and Black Entrepreneurship Strategy



Regulate the marketplace



Accurate calibration of gas pumps, charging station



Enforce insolvencies



Regulate radio waves (power levels, access, etc.)

ISED Compliance Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Key Legislation and Regulations

MARKETPLACE AND TRADE

Bankruptcy and Insolvency Act

Agreement on Internal Trade Implementation Act

Electricity and Gas Inspection Act

INTELLECTUAL PROPERTY

Copyright Act

Patent Act

Industrial Design Act

Trade-marks Act

Timber Marking Act

CONSUMER LEGISLATION

Bills of Exchange Act (Part V)

Consumer Packaging and Labelling Act

Precious Metals Marking Act

Textile Labelling Act

TELECOMMUNICATIONS AND PRIVACY

Radio-communication Act

Telecommunications Act

Canada's Anti-spam Law

Innovator's Experience

Innovator has
an idea and
does research

Needs funds to
build prototype

- ISED analyzes markets
- ISED researches and develops legislations
- ISED makes funding available
- ISED promotes services (builds websites and makes connections within industries)

ISED regulates
broadband

Business Benefits Finder

ISED reviews application

Wants to
create a
company

Builds prototype for
a wireless device
and applies for a
developmental
spectrum license

Applies for
patent

Want to get
approval for
use



ISED provides
business advice
(ex.: name of a
company,
incorporation)

ISED assesses
the application
and issues the
license

ISED assesses
application

ISED tests
prototype

Wants to sell
invention on
market

Wants to grow
business and go
international

Files a complain
against a similar
company for
copyright
infringement



ISED provides
information on
labelling

ISED provides
information
on global
markets

ISED reviews
complaint

Wants to merge
with a bigger
company

New company
files for
bankruptcy

Innovator is on
to their next
big idea



ISED assesses
benefit/risks
of merger

ISED
investigates
suspicious
use of radio
frequencies

ISED
investigates
bankruptcy

ISED Students



Elisa



Joelle



Audrey

Our employees

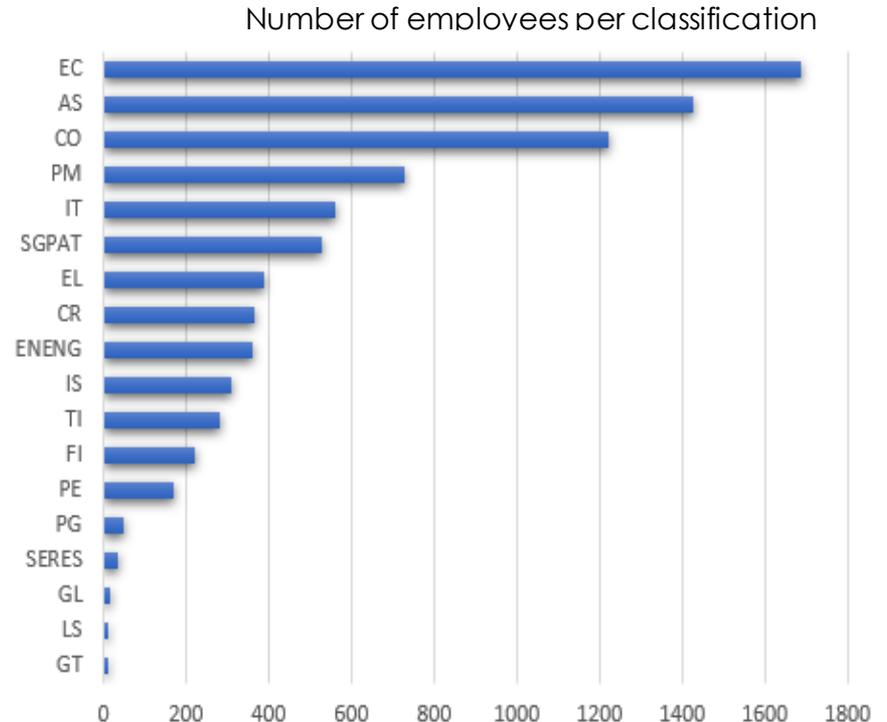
❖ 8000 employees

- ❖ Majority in NCR
- ❖ 59% of non-EX jobs require bilingualism

❖ Core jobs

- ❖ Policy/economic analyst
- ❖ Patent examiner
- ❖ Competition law officer
- ❖ Bankruptcy analyst
- ❖ Spectrum management officer

❖ Almost 400 students each summer



Roles supporting businesses

Innovation advisors

- Former entrepreneurs, help with experience and networks
- Help firms find the best government programs to develop their business
- Connects entrepreneurs to networks that can help provide support

Grants and contribution officers

- Work within a program to provide funding
- Strategic Innovation Fund, Innovative Solutions Canada, Canada Digital Adoption Program

Outreach & Marketing

- Help get the word out, to bring the businesses in to ISED's services

Roles regulating the marketplace

Patent examiner

- Four divisions
- Highly trained
- Research, revise and recommend

Spectrum management officer

- Minimizes interferences to airwaves
- Fieldwork and involved in special events

Bankruptcy analyst

- Reviews
- Analyzes
- Researches

Competition law officer

- Examines and identifies barriers to competition in the marketplace

Education and background

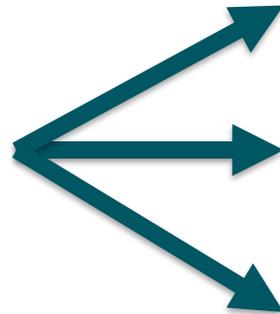
- Masters of Public Service
- Masters of Public Administration
- Business Admin
- Economics
- Statistics
- Commerce
- Law
- Electronic Engineering Technology
- Political Science
- Data Analysis
- Data Science
- Software Engineering
- Communications

Skills/knowledge we're looking for

- ❖ Engineering
- ❖ Mapping and Analysis
- ❖ Program and Operations
- ❖ Policy and Consultations
- ❖ Negotiate and administer agreements
- ❖ Manage relationships with recipients
- ❖ Program management and oversight
- ❖ Policy development
- ❖ Technical experts
- ❖ Policy and regulatory instruments
- ❖ Policy and program oversight
- ❖ Governance
- ❖ Program support (ex.: training specialists and communication experts)
- ❖ Management of contribution agreement
- ❖ Coordination

Up-and-coming or in-demand jobs

Policy (EC)
Review/Business (CO)
Engineering (ENG)
Technical (TI)
Program Support (PM/AS)



- ❖ Clean fuels
- ❖ Digital technology
- ❖ Greenhouse gas/ Net Zero
- ❖ Artificial intelligence
- ❖ Entrepreneurship development
- ❖ Broadband
- ❖ Economic recovery
- ❖ Privacy

Fundamentals of ISED

**Growth
Mindset**

**Digital
Mindset**

**Inclusive
Mindset**

Innovation

An employer of choice



Top Employer
&
Top Diversity
Employer



4 years running
(pre and during
pandemic)



Selected as one of
Canada's Best
employers for recent
grads

Development programs:

- EC (02 to 07)
- EL (Spectrum Management Officer)
- Technical Inspector
- Sector-specific training

(ex.: bankruptcy, Intellectual property, etc.)

