



Innovation, Science and  
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# Computers for Schools Program

*Digital Opportunities for Communities*

**2019 CIPMM NATIONAL WORKSHOP**

*June 4-6, 2019*

Computers  
for Schools



Ordinateurs  
pour les écoles

Canada 

# Building on 25 years of success



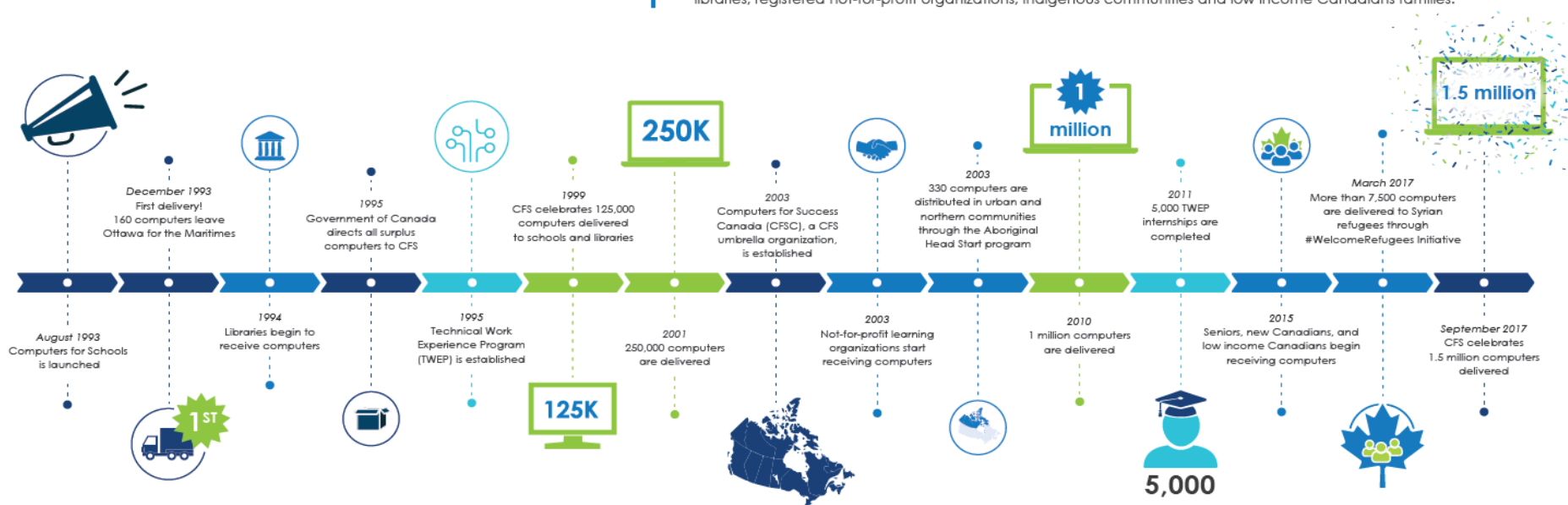
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## COMPUTERS FOR SCHOOLS

Computers for Schools (CFS) provides Canadians with digital access and the skills needed for the future. CFS is a national program that refurbishes computers donated from government, private business and individuals for use by schools, libraries, registered not-for-profit organizations, Indigenous communities and low income Canadians families.



### Training for the skills of tomorrow

The Technical Work Experience Program (TWEPE) employs young Canadians, giving them hands-on experience and the digital skills needed to enter the workforce.



73.9% of total program hours from TWEPE employees

OVER 6,900 JOBS CREATED

### Digital access for all Canadians

CFS provides computers to thousands of schools, libraries, not-for-profit organizations, Indigenous communities, new Canadians, low-income Canadians and seniors each year.



Recipients saved over

from

47,427  
free computers  
in 2015-2016

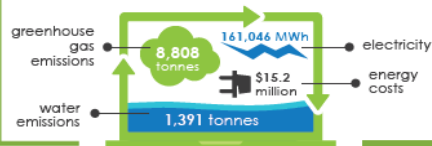
### Keeping the future green

Providing Canadians with access to computers also has a positive impact on the environment.



Refurbishing saves 20x more energy than recycling

In 2015-2016, CFS saved:



### Only possible with your support

These milestones would not have been possible without our many partners, donors and volunteers.



Thank you for contributing hardware, software, office and workshop space, donations, and volunteers

34% of funding between 2011-2016 and 56% of donated computers came from partners



# The new CFS

- Strengthening local communities by giving those who face barriers the tools, skills & access needed to participate in today's digital economy.

***Imagine your surplus / used digital devices  
diverted from landfills and placed into  
the hands of people in need.***

# Computer for Schools Objectives

**Internships:** Young Canadians gain advanced digital skills and the work experience needed to thrive in the digital economy.

**Collects and Refurbishes** devices for reuse in schools, libraries, not-for-profit organizations, Indigenous communities and by low-income families.

**Greening Government:** Extending the life of a device reduces its environmental impact. ***Recycled in Canada by certified recyclers.***

*CFS has trained more than **7,000 youth**, diverted over **40,000 tons of e-waste** from land fills and delivered **1.7 million devices**.*

# Computer for Schools across Canada

## Computers for Success Canada:

- Leads national promotion campaigns
- Solicits device donations
- Enhances coordination amongst the affiliates, National Technology Centre & ISED

## National Technology Centre:

- Distributes devices and parts needed to CFS affiliates;
- Develops refurbishment standards; and,
- Delivers devices for national initiatives (e.g. Connecting Families).





# CFS remains responsive to the needs of Canadians in an evolving digital economy



In 2014, it expanded its reach to serve a growing number of not-for-profits, Indigenous communities and vulnerable Canadians.

In 2015, CFS further expanded by helping Syrian Refugees by providing over 7,000 devices to help them connect to the internet and establish.

In 2016, the CFS Intern program was expanded to employ more youth to deliver on the Government of Canada commitment to green jobs.

In 2018, CFS committed an addition 50,000 computers to low-income families accessing low-cost internet from the Connecting Families Initiative.

***CFS is celebrating 25 years by offering a broader range of devices and more training opportunities.***

# Connecting Families Initiative: *Increasing Demand*

## CONNECTING FAMILIES

Bridging the Digital Divide:  
Helping low-income Canadians access home Internet

FAMILIES  
BENEFITING FROM  
\$10 INTERNET:

**20,000**

AND GROWING



**14**

ISPs  
VOLUNTARILY  
PARTICIPATING



**16%**

OF FAMILIES  
DID NOT  
PREVIOUSLY  
HAVE  
INTERNET

REACHING  
LOW-INCOME  
FAMILIES IN

**85%**

OF CANADA'S  
WIRELINE  
INTERNET  
MARKET



OVER  
**25,000**  
COMPUTERS  
ORDERED

**Help us**  
Connect more  
Canadian Families  
to the Internet



"This initiative is really going to  
impact our lives in a very  
positive way."

Connecting Families recipient in  
Alberta

# Key challenges

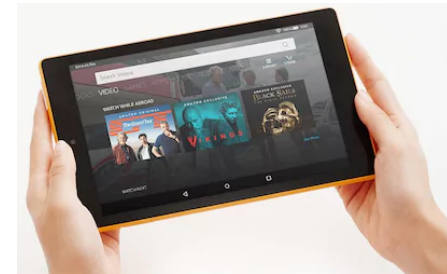
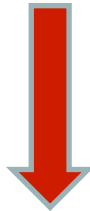
## Evolving Technology

- 1st computer donations different than today's i5
- Increasing demand for laptops, tablets & mobile devices



## Donations Numbers and Quality Decreasing

- 2015/16 – **65,225**
- 2016/17 – **47,741**
- 2017/18 – **27,599**



## Departments are:

- Moving to mobile technology
- Extending the life of their equipment

*Privacy Commissioner of Canada audit (2010): CFS was 100% compliant - all hard drives tested were fully wiped*

## Security

- Missing hard drives and memory
- Wiping tablets and phones





# Continuing to build the CFS+ legacy together!

## THANK YOU FOR YOUR DONATIONS!

- ✓ **181,247 computers/laptops** from federal departments in the NCR
- ✓ CFS re-used 109,385

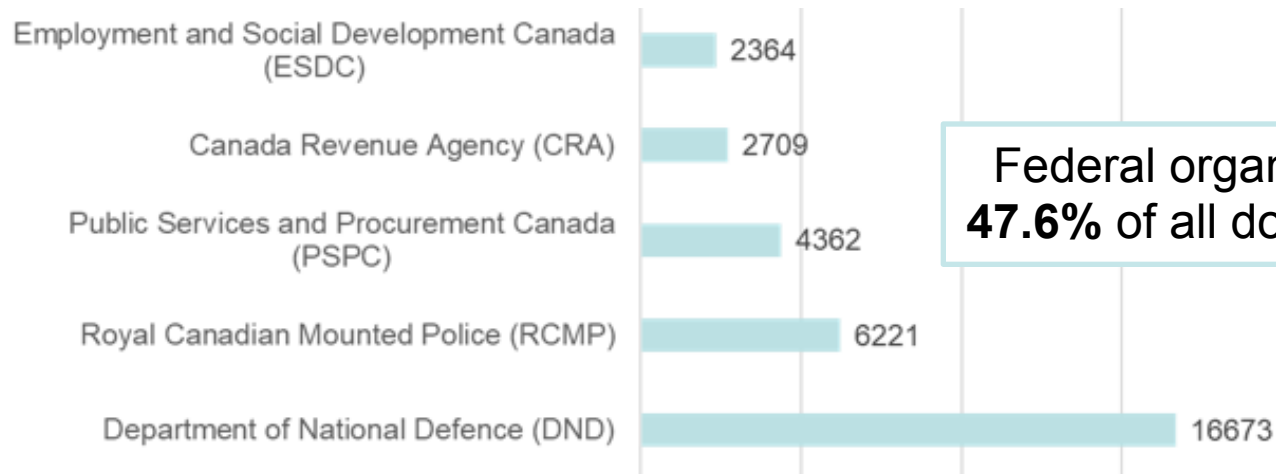
## TREASURY BOARD DIRECTIVE

Surplus IT materials and mobile devices includes personal computers, laptops (Windows and Macintosh), tablets, surface pros and associated monitors, keyboards, mice, printers, modems, servers, hubs, network cards, iPhones, Android phones and any other emerging technology.

Key consideration:

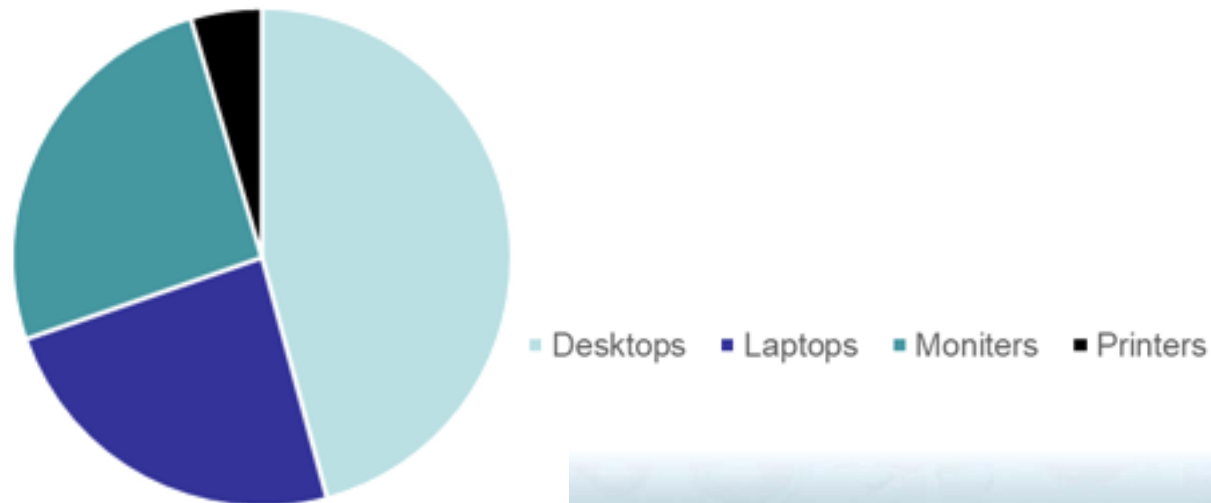
- **Packaging:** Mitigating shipping damage
- **Maximizing the refurbishment:** All parts should remain with the computers, even if hard drive removal is required, please leave the caddy and power supplies for laptops.
- **Donating** all your IT equipment and let us do the triage.

# Top federal donors



Federal organizations account for **47.6%** of all donations in 2017-2018.

Federal Donation Distribution by Type



## What we need from you!

# DONATIONS, DONATIONS, DONATIONS!

- New donations are needed to meet demand!

## EDUCATION!

- CFS has first right of refusal under the TB Materials Management Directive.
- Our affiliates ensure security and wiping is done effectively – to CSE's standards.
- Most refurbishment centers accept all IT equipment and they will sort through refurbishment and recycling needs.

## What we will do for you

- Refurbish used equipment safely and provide it to Canadians who most need it.
- Recycle your surplus e-waste.
- Introduce you to our affiliates and share their contact information.
- Keep you up to date on your donation status.
- Be available to respond to your questions!

**Let us all keep working together towards getting the next 1.7 million<sup>th</sup> device into the hands of those that need it most, ensuring today's, as well as future generations, have what it takes to remain competitive in the global digital economy.**



# We are here to help

Visit our website for more information at both the national and local levels.

[www.ic.gc.ca/eic/site/cfs-ope.nsf/eng/home](http://www.ic.gc.ca/eic/site/cfs-ope.nsf/eng/home)

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