



Strategies for Digital Stewardship

Sustainable Open Access: A funding model for documentary heritage

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CANADIANA

Digitization. Preservation. Access.
Numérisation. Préservation. Accès.



A Forum for Collaboration

- ❖ Not-for-profit, registered charity for 35 years
- ❖ Mission ~ to make Canada's documentary heritage accessible for Canadians and the world.
- ❖ Governed by Canada's Memory Institutions
 - ❖ LAC, BAnQ, CARL, University Libraries, Public Libraries,
- ❖ Services for Stakeholders
 - ❖ Digitization, Preservation & Access
 - ❖ Custom Hosting, Scanning, Metadata

Partnerships



Bibliothèque
et Archives
nationales

University of Windsor

Québec



BIBLIOTHÈQUE du PARLEMENT

LIBRARY of PARLIAMENT

Brock
University

Université
de Montréal



Concordia University
Libraries



SFU
SIMON FRASER UNIVERSITY
LIBRARY

McMaster
University



UNIVERSITY OF
ALBERTA

UNIVERSITY
OF MANITOBA

TORONTO
PUBLIC
LIBRARY



Western
UNIVERSITY • CANADA



uOttawa

UNIVERSITÉ DE
SHERBROOKE

UQÀM

Université du Québec à Montréal

UNIVERSITY OF
CALGARY

L'Université canadienne
Canada's university



UNIVERSITÉ
LAVAL

Memorial
University of Newfoundland



UNIVERSITY OF
SASKATCHEWAN

UNB



University
of Victoria

UNIVERSITY OF
WATERLOO

UNIVERSITY
of GUELPH



UNIVERSITY OF TORONTO
LIBRARIES



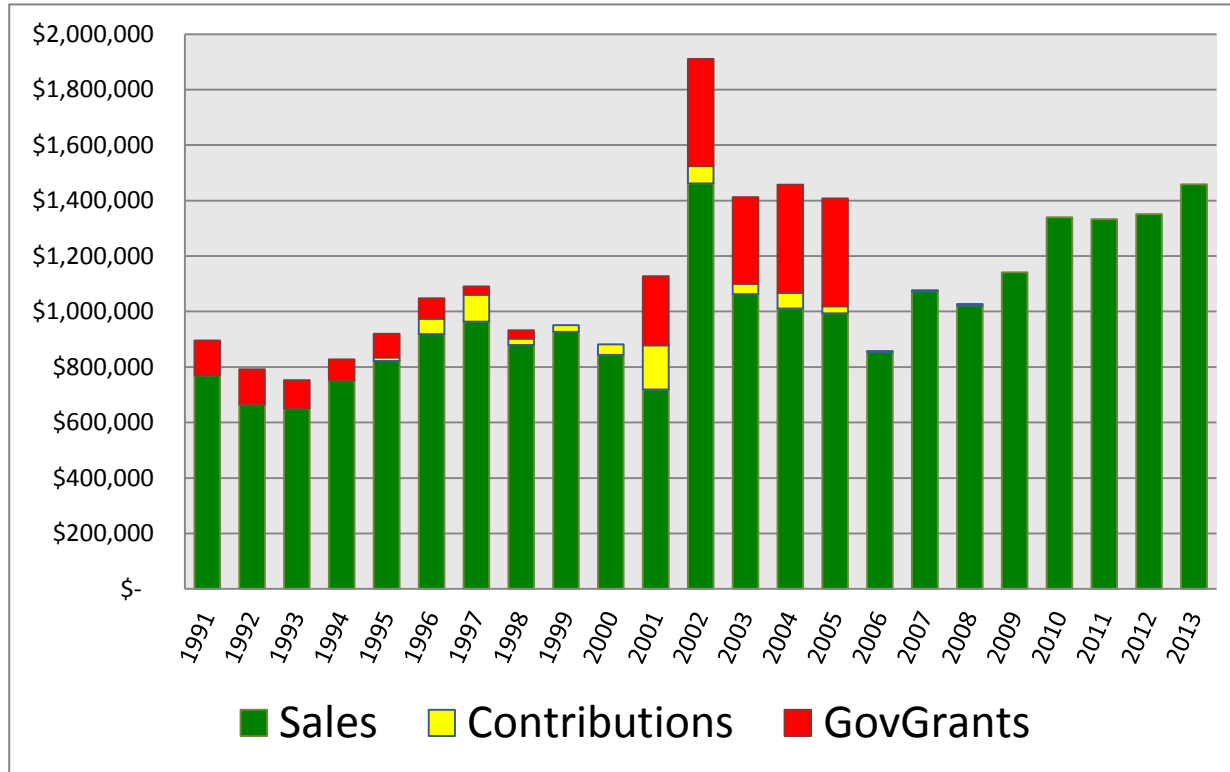
Projects

- ❖ Early Canadiana Online Collections
 - ❖ eco.canadiana.ca
 - ❖ 100,000 titles ~ 4,000,000 pages
 - ❖ GovDocs, Books, Periodicals from 1558 to 1967
- ❖ Canadian Metadata Repository & Discovery Portal
 - ❖ search.canadiana.ca
 - ❖ Over 1 million titles ~ 65 million pages
 - ❖ 37 digital repositories
- ❖ Héritage
 - ❖ heritage.canadiana.ca
 - ❖ 800 archival collections ~ 60 million pages

Who Pays for it?



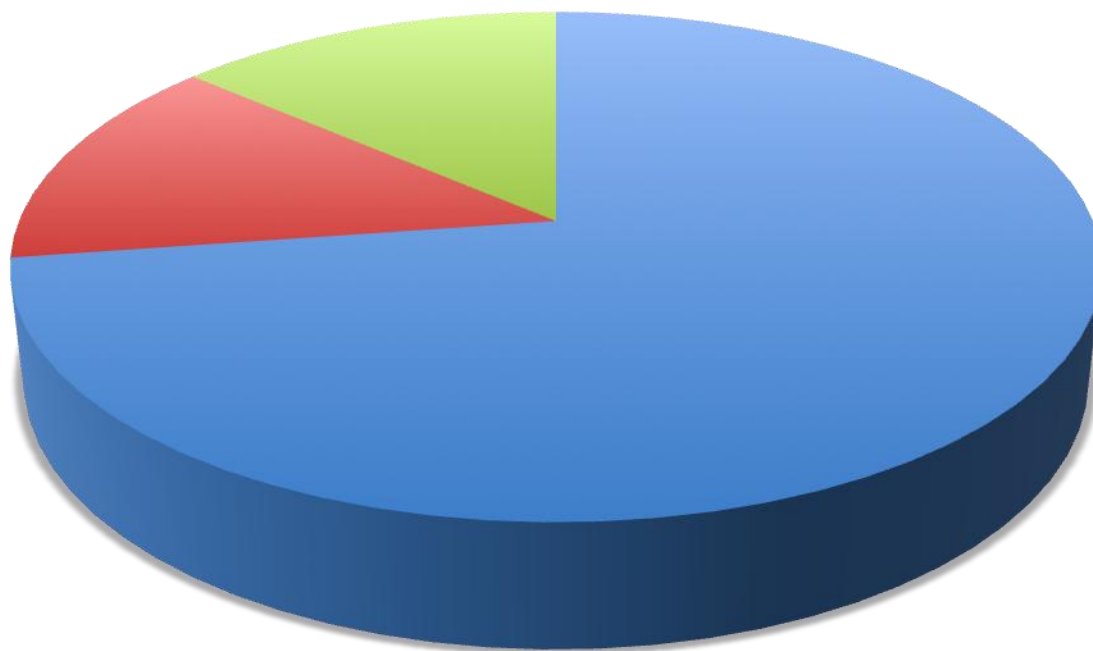
Past Funding Sources



Grants and contributions are important
but inconsistent & insufficient to meet the need.



Revenues



■ Subscriptions ■ Membership ■ Services



Recent Grant Requests

- ❖ 2007 Canada Project - Mass Digitization Proposal
- ❖ 2009 Canada Online - Mass Digitization Proposal
- ❖ 2010 War of 1812 - Commemoration Fund
- ❖ 2011 War of 1812 (retry)
- ❖ 2012 SSHRC Partnership Fund w/Stratford Institute

None succeeded



Funding options for NPOs

- ❖ Subscriptions
- ❖ Sale of assets
- ❖ Centre of Excellence services
- ❖ Advertising
- ❖ Derivatives
- ❖ Grants & Donations
- ❖ Collaborations



Héritage Project

- 🍁 A Pathfinder Initiative for Self-funded Open Access
- 🍁 Library & Archives Canada's Most Popular Holdings
- 🍁 800 Series / 60 million Pages
- 🍁 Mid-1600s to mid-1900s
 - ❖ Genealogy (Immigration, Church, Land)
 - ❖ First Nations
 - ❖ Government
 - ❖ Military 1812 – WW2
 - ❖ Prominent Canadians' Papers
 - ❖ And much, much more



Héritage Project

- ❖ 10 year project
- ❖ Collaborations in place and planned
 - ❖ CARL, CRKN, CRL, ACA, CCA, etc.
 - ❖ History & Genealogy Societies
 - ❖ Canadian Public
- ❖ Self-funding pathfinder project
 - ❖ Much to learn & need to be flexible
- ❖ Ultimate Objective
 - ❖ Perpetual Online Open Access



Challenges

- ❖ 60 million pages of archival records
 - ❖ Mostly poor quality microfilm images of hand-written documents
- ❖ No metadata exists
 - ❖ Each page needs to be described/transcribed
- ❖ Creating a metadata architecture
 - ❖ Maximizes discovery and data mining
 - ❖ Standards based
 - ❖ Linked Open Data
- ❖ Ensuring broad collaboration with stakeholders
 - ❖ Standards & Priorities
- ❖ Maximizing amount of metadata
- ❖ Crowd-sourcing
 - ❖ Logistics
 - ❖ Quality Control



Héritage Phase I ~ 2013-2015

- ❖ Set-up Collaborative sub-projects
- ❖ Standards & Priorities Advisory Committees
- ❖ Digitize 60,000,000 images
- ❖ Create & link series level metadata
- ❖ Infrastructure
- ❖ Metadata architecture
- ❖ Tools to describe & transcribe



Héritage Phase II – 2013 to 2023 and beyond

- ❖ Create Metadata
- ❖ Describe & Transcribe
- ❖ Massive data repository
- ❖ Crowd sourcing
- ❖ Collaborative funded projects
- ❖ Innovative technologies



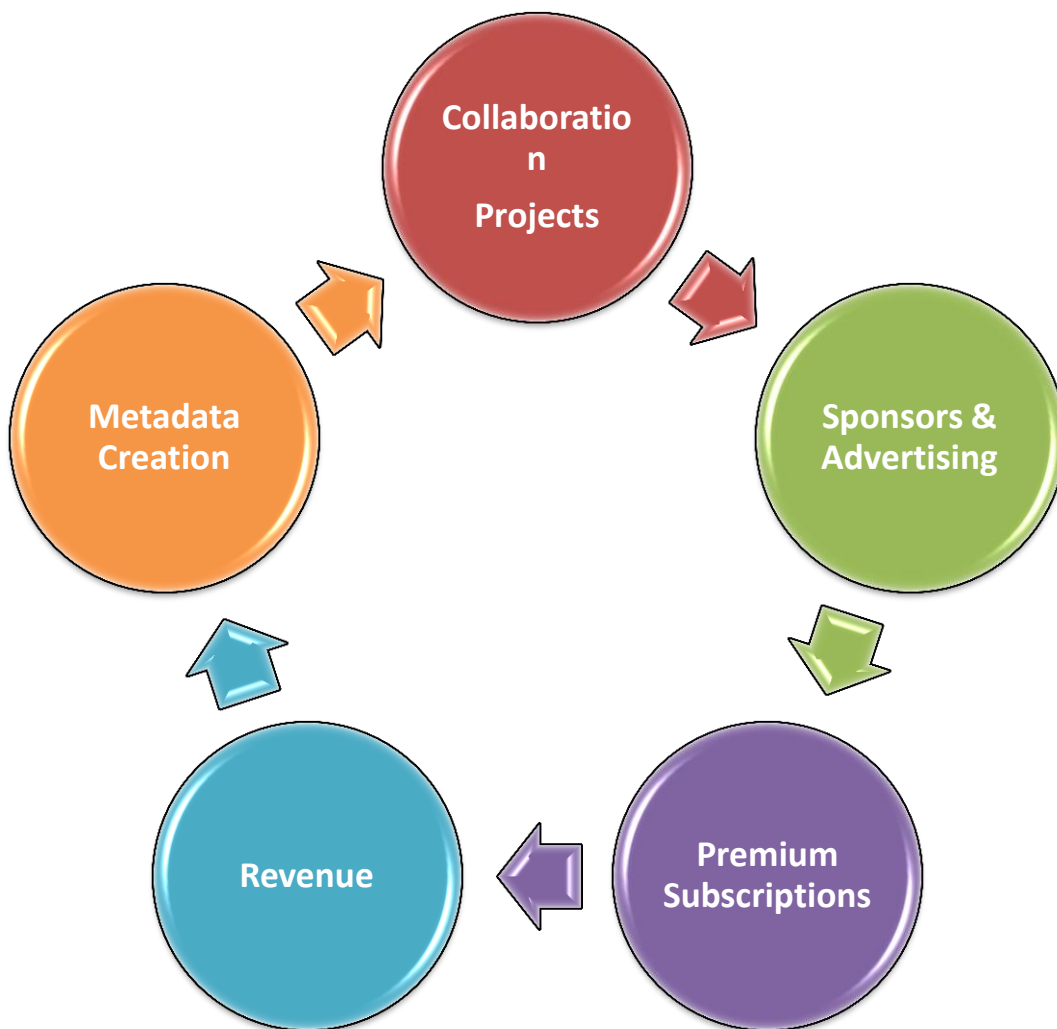
Héritage Goal - Open Access

- ❖ Free access to digital copies heritage.canadiana.ca
- ❖ Same finding aids as microforms at LAC
- ❖ Free access to microforms at LAC remains
- ❖ Source documents remain in public domain
- ❖ 10% of digital copies move from Free to Open Access each year

If access is free, how is it funded?



Funding H ritage





CRKN
Canadian Research
Knowledge Network

RCDR
Réseau canadien de
documentation pour la recherche



Kick-start Funding

CRKN MEMBERS

Acadia University
Athabasca University
Brock University
Carleton University
Concordia University
Dalhousie University
Kwantlen Polytechnic University
Lakehead University
Laurentian University
McGill University
McMaster University
Memorial University of Newfoundland
Mount Allison University
Mount Royal University
Queen's University
Ryerson University
Saint Mary's University
Simon Fraser University
St. Francis Xavier University
Thompson Rivers University
Trent University
Université du Québec à Rimouski
Université du Québec à Trois Rivières
Université Laval

Université Sainte-Anne
University of Alberta
University of British Columbia
University of Calgary
University of Guelph
University of Lethbridge
University of Manitoba
University of New Brunswick
University of Northern British Columbia
University of Ottawa
University of Prince Edward Island
University of Regina
University of Saskatchewan
University of the Fraser Valley
University of Toronto
University of Victoria
University of Waterloo
University of Western Ontario
University of Windsor
University of Winnipeg
Vancouver Island University
Wilfrid Laurier University
York University





Premium Subscription

- ❖ Sophisticated search
- ❖ No advertising
- ❖ Researcher tools
- ❖ Derivatives
- ❖ Free premium access - users of subscribing & partner institutions

Funds metadata creation & infrastructure for perpetual access.



Conclusions

- ❖ Canadiana is a forum for collaboration
- ❖ Canada's memory institutions & public want digital collections
- ❖ New funding models are required
- ❖ Héritage Project is a pathfinder model for sustainable Open Access



Thank you!

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