



Canadian Research
Knowledge Network

Réseau canadien
de documentation
pour la recherche

Introduction to CRKN

May 15, 2024

Clare Appavoo, Executive Director

Allison Loveridge, Licensing and Member Services Officer

Rebecca Dempsey, Manager, Digitization

Avalon Arsenault, Document Scanning Operator

Percy Miller, Heritage Services Officer

John Aspler, Manager, Canadian Persistent Identifier Community

crkn-rcdr.ca

CRKN Conference Code of Conduct

Code & Incident Reporting Process:

<https://www.crkn-rcdr.ca/en/conference/2024-crkn-virtual-conference-building-lasting-connections/code-conduct>

Code de conduite de la Conférence du RCDR

Code et processus de signalement d'incidents :

<https://www.crkn-rcdr.ca/fr/conference/2024-conference-virtuelle-du-rcdr-construire-des-liens-durables/code-de-conduite>

Code of Conduct Committee / Comité du code de conduite

Jean Blackburn

Francesca Brzezicki

Nazia Bundhoo

Ursula Carmichael

Claire Duncan

Amber Gallant

Allison Loveridge

Sabina Pagotto

Mélanie Plante

Monica Scott

Sarah Simpkin

Bronwen Sprout

Council of Prairie and Pacific University Libraries

CRKN

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Royal Roads University

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Scholars Portal

CRKN

CRKN

Carleton University

University of British Columbia

Tech Information:

- Simultaneous interpretation is available throughout the conference. Select your language channel using *Interpretation*.
- Closed captions have been enabled on Zoom.
- Sessions are being recorded.
- Slide decks are available on the conference website session pages.
- For tech support, please email info@crkn.ca or use the *Chat* function to contact [Tech Support] on Zoom.

Informations techniques :

- L'interprétation simultanée sera assurée tout au long de la conférence. Sélectionnez le canal de langue souhaité en utilisant *Interprétation*.
- Les sous-titres codés a été activés sur Zoom.
- Les séances sera enregistrées.
- Les diapositives sont disponibles sur les pages des séances du site Web de la conférence.
- Pour un soutien technique, veuillez contacter info@crkn.ca ou contacter [Tech Support] via la fonction *Chat* sur Zoom.

About CRKN



Vision

The world's knowledge is accessible by all.

Mission

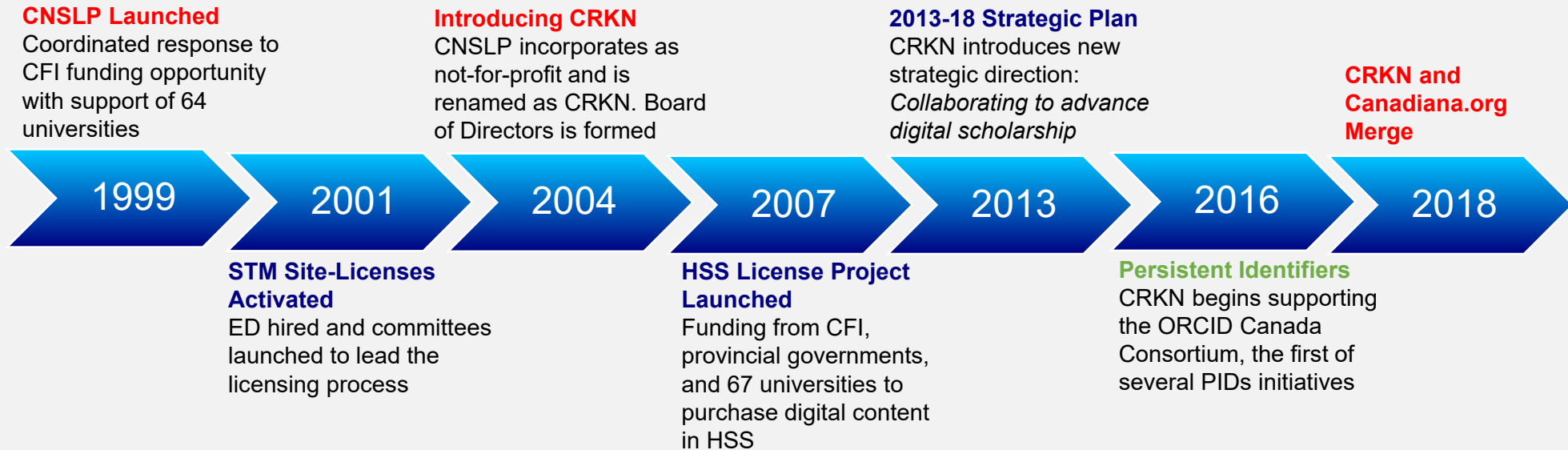
CRKN advances interconnected, sustainable access to the world's research and to Canada's documentary heritage content.

Strategic Objectives 2019-2024

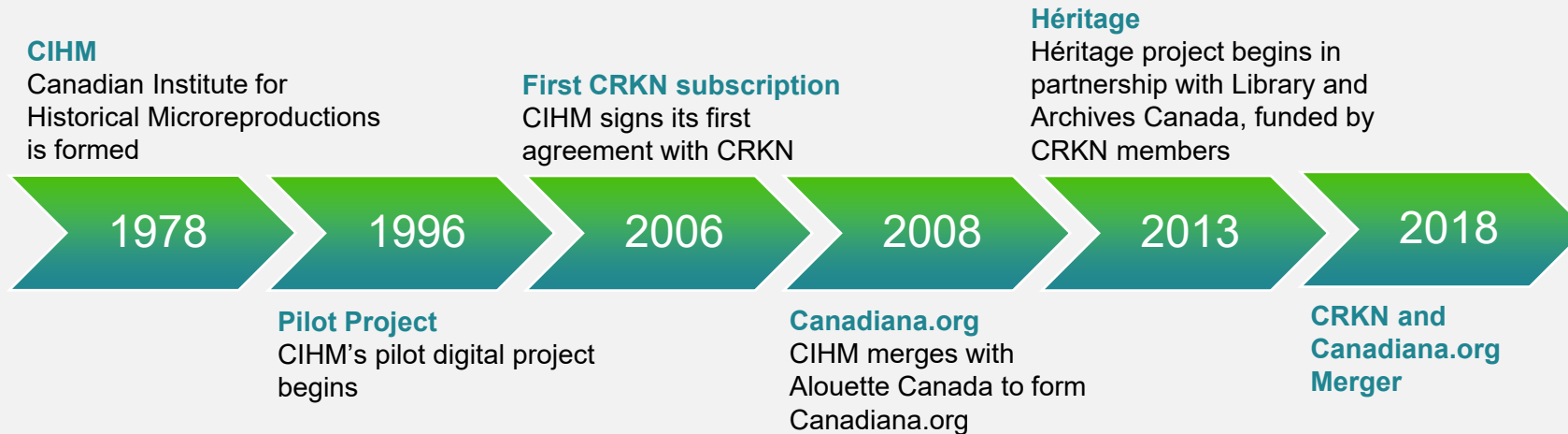


- 1: Transform Scholarly Communication
- 2: Develop and Foster Partnerships
- 3: Collaborative Advocacy

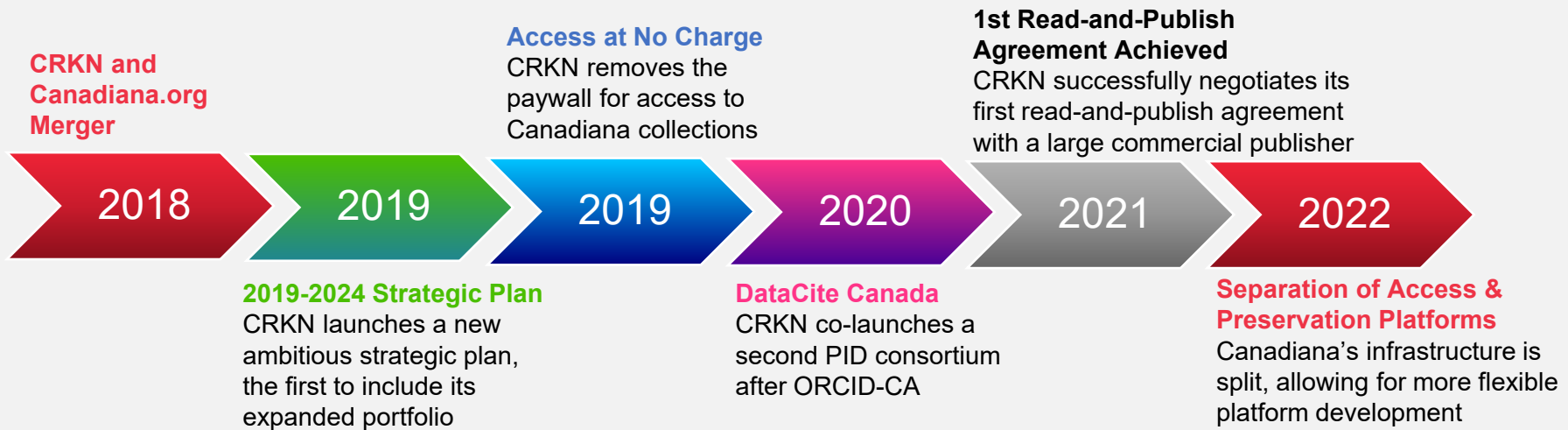
CRKN History



Canadiana History



CRKN after the Merger



CRKN At-A-Glance



Over **80** volunteer Board, committee, and task group members.



Supporting **80** academic libraries and **5** research institutions.



Managing licensing expenditures of **\$129 million**.

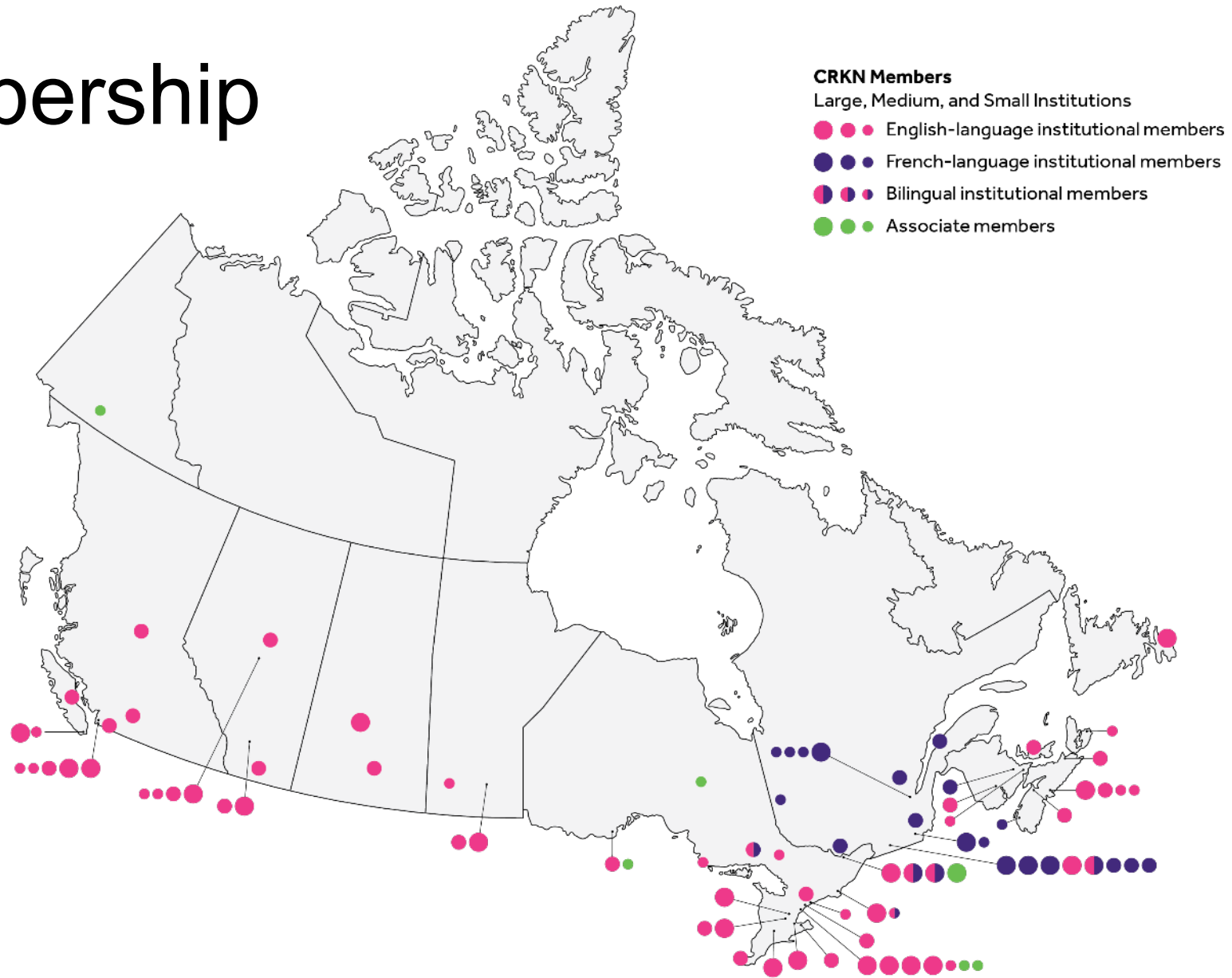


Preserving digital documentary heritage in a Trustworthy Digital Repository with **4** nodes.



Providing access to **64 million** pages of digital documentary heritage.

Membership



Membership Types & Fees



Institutional Members

- Open to institutional members of Universities Canada and LAC, TPL, and BAnQ as founding members of Canadiana.org
- 79 Institutional Members

Associate Members

- Canadian degree-granting, not-for-profit or government
- GLAM institutions
- Non-voting
- 6 Associate Members

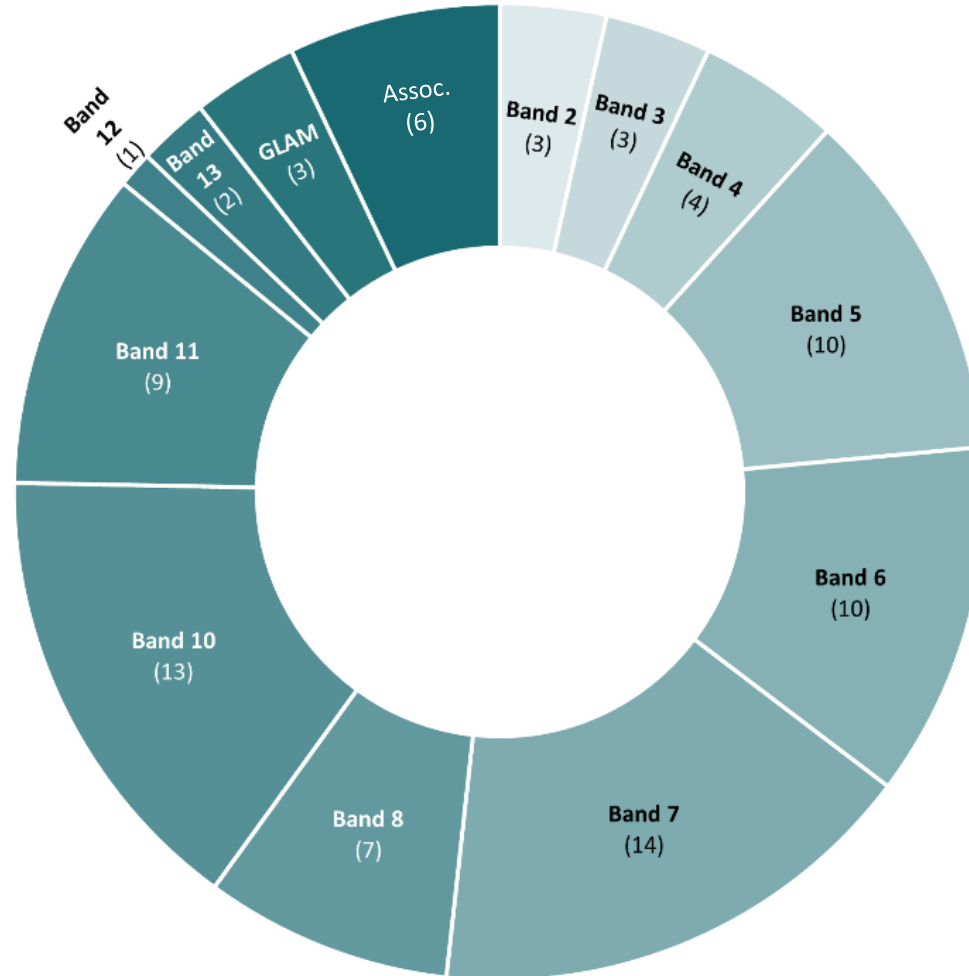


Fees

- Membership fees share the costs of operating the organization
- License fees paid according to license participation
- Heritage Content Access and Preservation (HCAP) fund contributions support heritage program

CRKN Membership Bands

CRKN Bands	# of Members
Band 1	-
Band 2	3
Band 3	3
Band 4	4
Band 5	10
Band 6	10
Band 7	14
Band 8	7
Band 9	-
Band 10	13
Band 11	9
Band 12	1
Band 13	2
GLAM (non-banded)	3
Associate Members	6





Governance

CRKN Governance



Board of Directors



Not pictured: Susan Brown

Board of Directors

**Member of the Executive Committee*

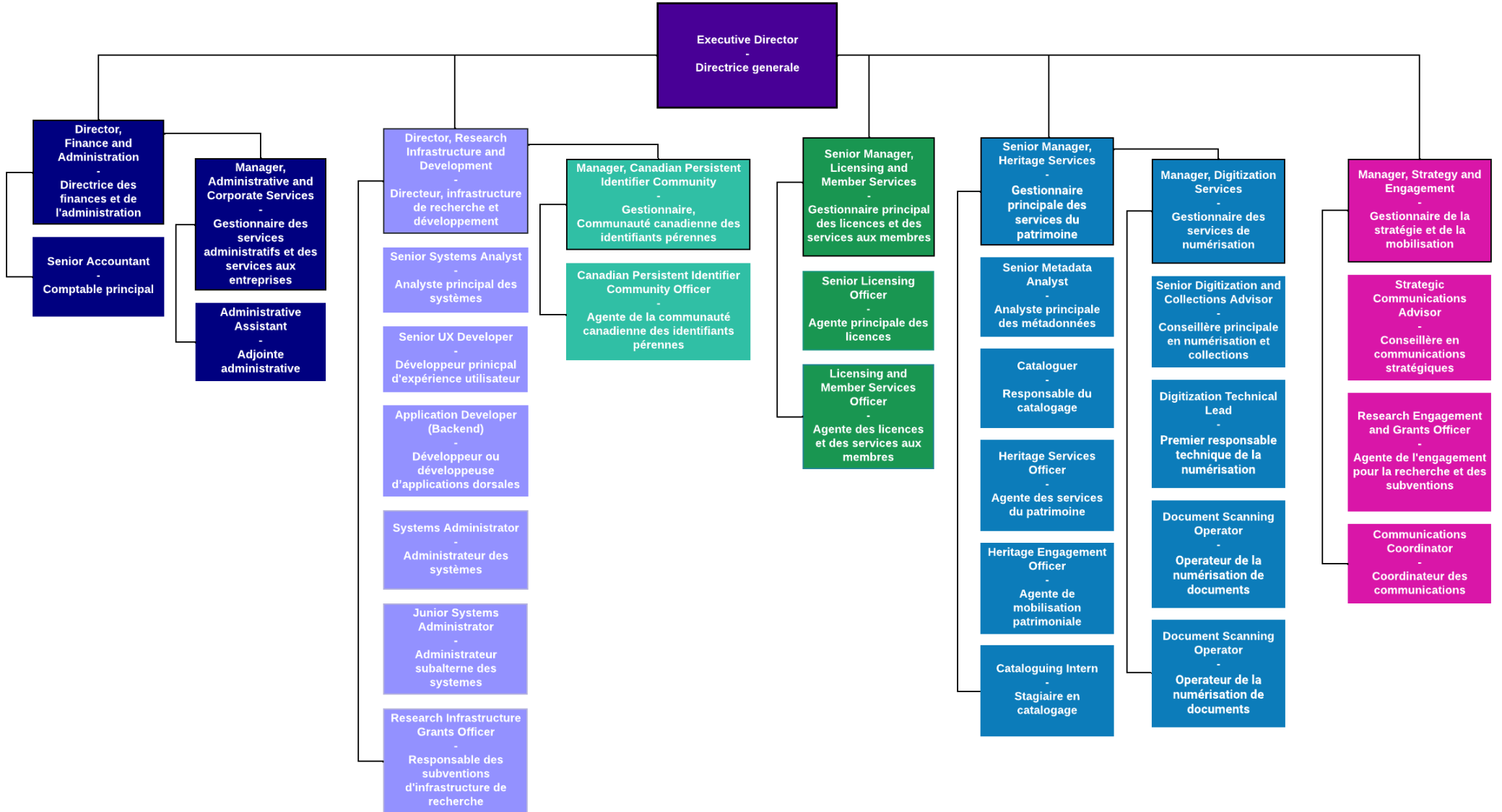
Member	Role	Institution	Band
Daniel Jutras	Chair	Université de Montréal	11
Diane Keeping *	Vice-Chair Director (Atlantic Region)	Memorial University	10
Dale Askey *	Director (Western Region)	University of Alberta	12
Bernard Bizimana	Director (Québec Geographic Region)	HEC Montréal	8
Susan Brown	Researcher/Administrator	University of Guelph	10
Camille Callison	Director (appointed position)	University of the Fraser Valley	6
Maureen Clapperton	Director (appointed position)	Bibliothèque et Archives nationales du Québec	-
Denis Cossette *	Treasurer (Researcher/Administrator)	Concordia University	10
Ken Hernden	Chair, PAC	Queen's University	10
Denise Lafitte	Chair, CSC	University of Alberta	12
Vivian Lewis	Director (Large Institution)	McMaster University	11
Mark Robertson *	Director (Ontario Geographic Region)	Toronto Metropolitan University	10

Executive Committee



- Subset of Board members (5)
- Sets the agenda for upcoming Board meetings
- Advances activity between regularly scheduled Board meetings
- Oversees administrative and HR policies and processes
- Acts as the nominating committee
- Provides oversight of governance and succession planning

CRKN Team



CRKN Programs and Activities

- Content Licensing Program
- Heritage Program
- Persistent Identifiers
- Partnerships and Collaborations
 - Coalition for Canadian Digital Heritage (CCDH)

Content Strategy Committee



Content Strategy Committee

Member	Role / Region	Institution	Band
Denise LaFitte	Chair	University of Alberta	12
Lisa O'Hara	Vice-chair	University of Manitoba	11
Sheldon Armstrong	Band Balance	University of British Columbia	13
Jean Blackburn	COPPUL	Vancouver Island University	6
Ian Gibson	OCUL	University of Guelph	10
Louis Houle	PBUQ	McGill University	12
Khalid Jouamaa	PBUQ	Université de Montréal	11
Nathalie Parent	CAAL	Université de Moncton	7
Ian Robson	OCUL	Queen's University	10
Joanne Smyth	CAAL	University of New Brunswick	8
Sandy Stiff	COPPUL	MacEwan University	7
Weijing Yuan	Observer	University of Toronto	13

Evolution of the Content Program

Initial Model License Development

Developed for CNSLP's initial licenses in 2001.

Partnership with Érudit

Transition from a vendor relationship to a partnership supporting Canadian publishing and open access

Model License Update

Includes current and future-looking best practices.

Read-and-Publish Agreement with Elsevier

Part of CRKN's commitment to transform access to research.

2001

2012

2014

2015

2017

2020

2024

Open Access at CRKN

CRKN members pledge their support for SCOAP³. The first of many CRKN supported OA initiatives

Transition to the Banding System

Provides a relative measure of comparison among consortium members and a consistent basis for setting prices.

CRKN Licensing Principles Updated

Defines our vision for transforming scholarly communications.



Licensing Principles

- **Licensing Program Principles:** defines the ways members work together
 - Research outputs are a common good
 - Committed to a robust, sustainable scholarly communications system
 - Collaboration within the Canadian research community improves terms, and increases access to knowledge
 - Recognize the value of publishers while rejecting the oligopoly benefitting a minority
 - Committed to collaborate to transform the system to open scholarship, science and access
- **Principles for Negotiations:** expectations from our vendors and publishing partners
 - Sustainable Scholarly Communications
 - Equity of Access
 - Open Access Scholarship
 - Transparency

Negotiation Process



Licenses



E-Journals



E-books



Primary Source
Databases



Software



Services

Multiple Pathways to Open Access

- CRKN participates in partnership models for open access publishing
 - Coalition Publica, SCOAP³, OA2020, SCOSS, PLOS, MIT Press D2O



- Negotiations with publishers focus on transitioning licenses to open access, lowering article processing charges (APCs), and cost reductions

Beyond Negotiations

Data Analytics

- Journal Usage Statistics Portal (JUSP)
- Unsub (individual and consortial dashboards)
- Publication Data Analysis



Standards Organizations

- COUNTER (Usage Statistics)
- NISO (Information Management)

1010
101010
1010

Member Services

Troubleshooting

- Support for access issues to licensed content
 - licensing@crkn.ca

Entitlements Management

- Title List (KBART files) management with Knowledge Bases
- Perpetual Access Entitlements (Tracking Project)

FX Services

- Offer members greater control and predictability for their budgets
- Forward contracts and USD invoicing options

CRKN OA Journals List

- Scholarly OA journals supported by CRKN Members
- Distributed to Knowledge Bases to increase discoverability

Knowledge Base Entitlements Sub-Committee



Not pictured: Kirsten Huhn

Knowledge Base Entitlements Sub-Committee

Member	Role	System Expertise	Institution	Band
Andrew Senior	Chair	WMS (OCLC)	McGill University	12
Andrea Bee	Member	Alma/Primo	University of Guelph	10
Yohann Cottin	Member	Alma/Primo (Ex Libris)	University of Ottawa	11
Kirsten Huhn	Member	Alma/Primo, 360 Core, SFX (Ex Libris)	Dalhousie University	10
Jessica Hymers	Member	Multiple	OCUL/Scholars Portal	-
Allison Richardson	Member	Serial Solutions/360	Kwantlen Polytechnic University	7

Preservation and Access Committee



Preservation and Access Committee

Member	Role	Institution	Band
Ken Hernden	Chair	Queen's University	10
Nathalie Villeneuve	Vice-Chair	Université du Québec à Chicoutimi	7
Creighton Barrett	Member (GLAM)	Dalhousie University	10
Jim Clifford	Member (Scholar /Researcher)	University of Saskatchewan	10
Catherine Cole	Member (GLAM)	Catherine C. Cole & Associates	-
Corey Davis	Member (Librarian/Archivist)	University of Victoria	10
Evan Echols	Member (Librarian/Archivist)	University of New Brunswick	8
Sharon Farnel	Member (Librarian/Archivist)	University of Alberta	12
Karen Linauskas	Member (LAC)	Library and Archives Canada	-
Lisa Miniaci	Member (BAnQ)	Bibliothèque et Archives nationales du Québec	-
Bronwen Sprout	Member (Librarian/Archivist)	University of British Columbia	13
Cassandra Tavukciyan	Member (GLAM)	Canadian War Museum	-

Canadiana Collections: Content

Canadiana

Digitized monographs, serials, government publications, and maps

Héritage

Digitized microfilm of archival primary-source materials from Library and Archives Canada



Canadiana



Metadata Initiatives and Priorities

Respectful Terminology in Metadata

- Completed Phase I and II of the respectful terminology project
- Supporting the work of NIKLA and their RTPP. Two CRKN staff are on the technical working group.

Rights Statement Pilot Project

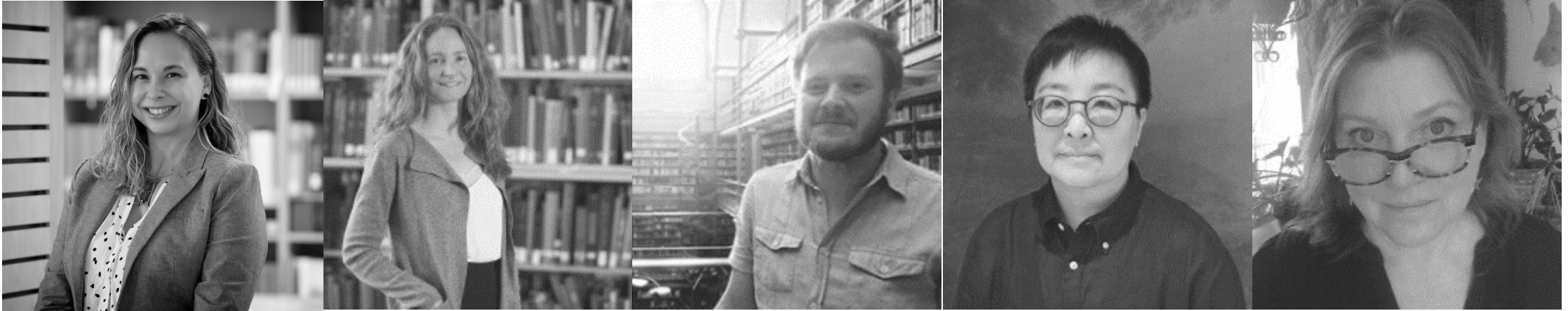
- Updated Terms of Service for Canadiana
- Development of controlled rights statements vocabulary

Enhanced Discoverability

- Discovery Systems
 - MARC Records & KBART files
 - EBSCO, OCLC, Ex Libris
- Catalogue materials for Canadiana Collections



Canadiana Content Sub-Committee



Not pictured: Victoria Dickenson, Alison Harding-Hlady, Rosa Pinto, Jonathan Scotland, Mark Werner

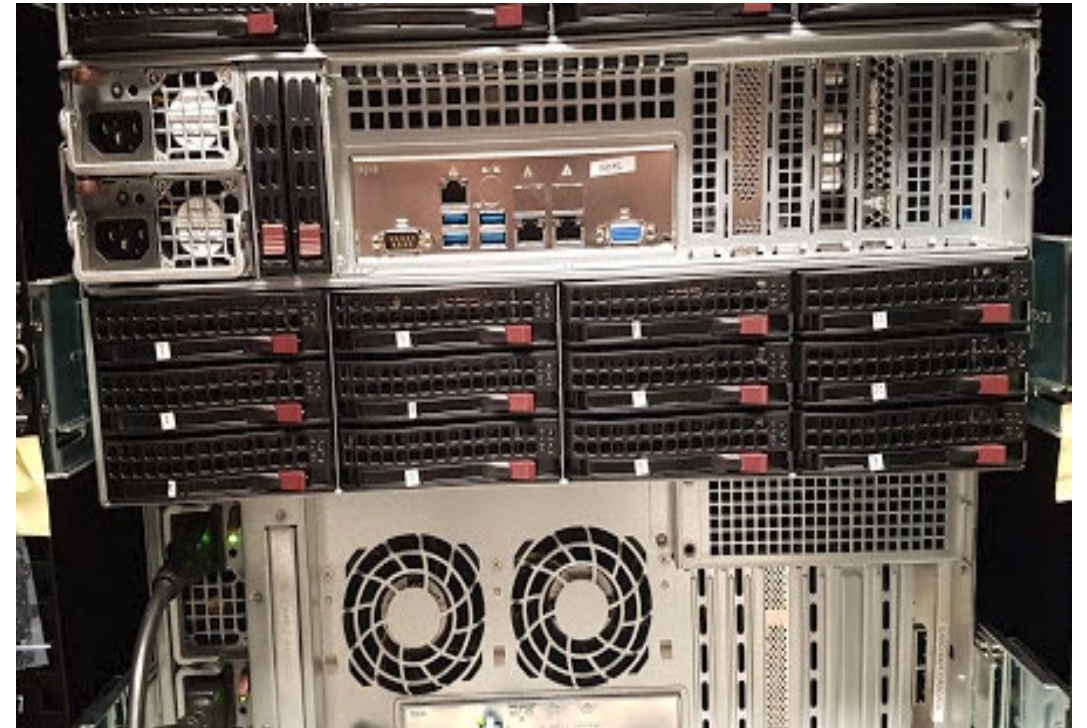
Canadiana Content Sub-Committee

Member	Role	Institution	Band
Lisa Miniaci	Chair	Bibliothèque et Archives nationales du Québec	-
Heather Dean	Member	University of Victoria	10
Alison Harding-Hlady	Member	Library and Archives Canada	-
Dan Mirau	Member	Edmonton Public Library	-
Susanna Ng	Member	Chinatown Storytelling Centre	-
Rosa Pinto	Member	Toronto Public Library	-
Julia Roberts	Member	University of Waterloo	11
Jonathan Scotland	Member	Dictionary of Canadian Biography (University of Toronto)	13
Mark Werner	Member	First Peoples Law	-

Canadiana Platform: Preservation

Preservation and Access

- Trustworthy Digital Repository (TDR)
- Access platform averaging over 373,463 page views for Canadiana and 936,481 page views for Héritage in the last month
- Ongoing development work



Canadiana

Platform Technical Sub-Committee



Not pictured: Donald Moses, Daniel Sifton

Platform Technical Sub-Committee

Member	Role	Institution	Band
Corey Davis	Chair	University of Victoria	10
Mark Jordan	Member	Simon Fraser University	10
Stephen Marks	Member	University of Toronto	13
Donald Moses	Member	University of Prince Edward Island	6
Daniel Sifton	Member	Vancouver Island University	6
Brandon Weigel	Member	BC Electronic Library	-
Bridget Whittle	Member	McMaster University	11
Lee Wilson	Member	Digital Research Alliance of Canada	-

Infrastructure: Today

The screenshot shows the GitHub profile for the Canadian Research Knowledge Network (CRKN). The profile header includes the organization name, a description, location (Ottawa, Ontario, Canada), website (https://crkn-rcdr.ca), and a 'Verified' badge. Below the header are navigation tabs for Overview, Repositories (39), Projects (6), Packages, Teams (2), and People (9). The 'Pinned' section features two repositories: 'Digital-Preservation' (Public) and 'Access-Platform' (Public). The 'Repositories' section includes a search bar and filters for Type, Language, and Sort, along with a 'New' button. The first repository listed is 'Access-Platform' (Public), described as 'Documentation, specifications, and APIs for the Canadian Access Platform', using Svelte, with 2 stars, 0 forks, 73 issues (1 needs help), and 1 pull request, updated 19 hours ago. The second repository is 'cihm-metadatabus' (Public), described as 'Docker build environment for key portions of the metadata bus', using Perl, with 0 stars, 1 fork, 5 issues (2 need help), and 1 pull request, updated 21 hours ago. A third repository 'cap' is partially visible at the bottom.

- Centralized web platform
- Evolving to open-source code
- Maintained by small team
- Technically open-source code, available on GitHub

Canadiana as Open Infrastructure



Creating innovative research and collaboration capacity across Canadian digital heritage collections

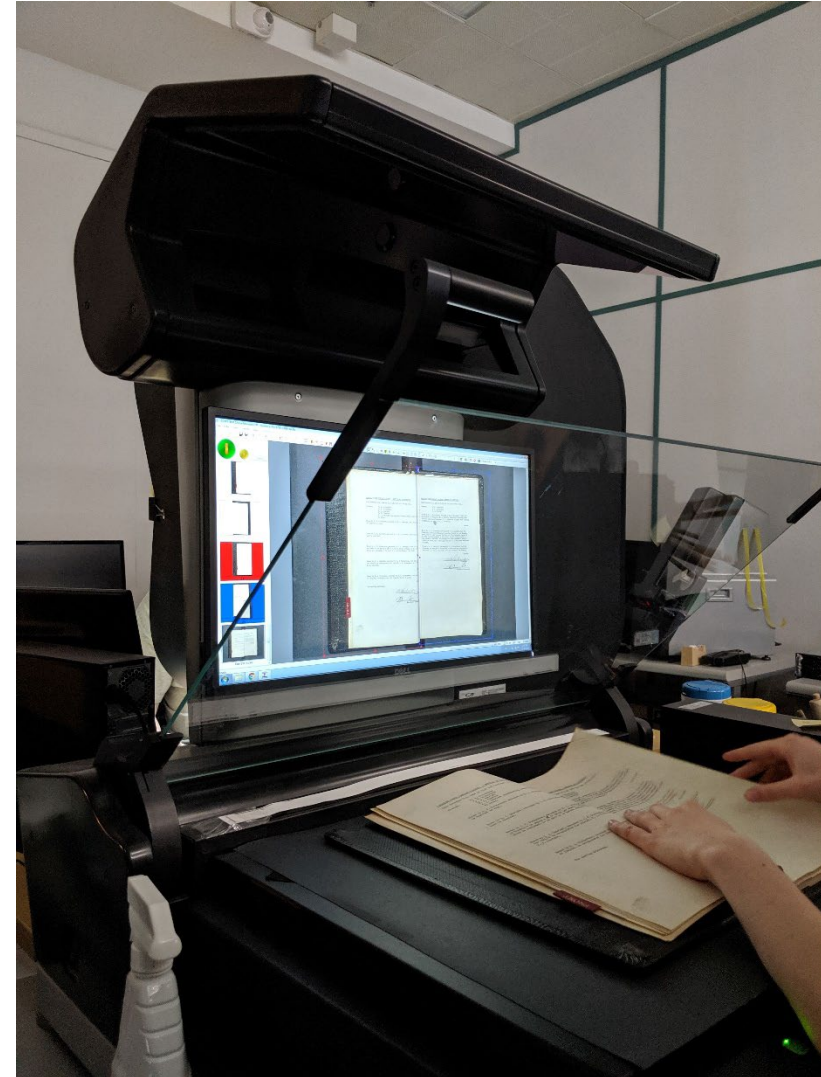
Digitization Services

Digitization

- Canadiana Collections
- CRKN Member Content
- Third-Party Collections



Canadiana



Digital Heritage Collaborations

{ BnF BAAD



McGill



NIKLA-ANCLA



uOttawa



SIMON FRASER
UNIVERSITY



University
of Regina



UNIVERSITY OF
TORONTO
SCARBOROUGH

Our Digital Heritage Community

CRKN Digital Heritage Listserv

Facilitates discussions on topics related to digitization and digital heritage initiatives in Canada.



Collection Reference Guides

Easily accessible guides to some of the most popular collections within H ritage.



What's New in Canadiana

Public, up-to-date list of *Coming Soon* and *Recently Added* content in the Canadiana and H ritage collections



The left side of the slide features a vertical decorative border consisting of several parallel white lines. These lines are interspersed with small white circles and elongated, pill-shaped white outlines, creating a modern, geometric pattern.

Community Collaborations

Coalition for Canadian Digital Heritage (CCDH)



Coalition for Canadian
Digital Heritage

**CCDH formerly the National Heritage
Digitization Strategy (NHDS)**

In September 2020, the NHDS Steering
Committee transferred the NHDS
Secretariat to CRKN.



Coalition for Canadian Digital Heritage (CCDH)

What is the CCDH?

- Cross-sectoral coalition of memory organizations committed to expanding digital access to Canada's heritage.

Governance

- Executive Committee
- Advisory Committee
- CRKN Secretariat

Strategic Direction

- The former National Heritage Digitization Strategy (NHDS) is now *The Coalition for Canadian Digital Heritage*
- CCDH's new Strategic Framework was published in May of 2023

Engage with us!

- Email: secretariat@nhds.ca
- ccdhnpc.ca
- [Mailing list sign-up](#)

Persistent Identifiers (PIDs) in Canada



ORCID Canada Consortium

- 49 members (all U15)
- 68 system integrations
- 140K/215K active iDs (.ca)
- 8M/15M active iDs (global)



DataCite Canada Consortium

- 70 members
- 82 repositories
- 700,000 DOIs



Canadian Research
Knowledge Network

Réseau canadien
de documentation
pour la recherche



Digital Research
Alliance of Canada

Alliance de recherche
numérique du Canada



PID Governance



Canadian Research
Knowledge Network

Réseau canadien
de documentation
pour la recherche



**ORCID Canada
Consortium**



**DataCite Canada
Consortium**

Engage with us!

- orcid@crkn.ca
- datacite@crkn.ca

CPIDAC

- *Canadian Persistent Identifier Advisory Committee*
- Governing Committees made up of/elected by the membership
- Shared advisory committee, advising both bilingual PID consortia
- PID Strategy Development and Implementation
- Committee composed of
 - Funders
 - Library Consortia
 - Digital Research Infrastructure
 - Others (e.g., CIOs, Research Administrators)
- Funding from Digital Research Alliance of Canada



**Digital Research
Alliance** of Canada

**Alliance de recherche
numérique** du Canada

Canadian PID Strategy

Why a national strategy?

- Community-driven approach
- Collaborative work across sectors
- National funding to support centralized initiatives
- National policies (Open Science)

Phase III (Ongoing)

- Vision, Mission, Principles
- Eight priority entities identified
- Interviews on implementation gaps
- Identify priority PIDs (Report)
- Outputs: PID Matrix, Gap Analysis



Phase I & II

- CRKN, Alliance, CPIDAC → MoreBrains
- Report: Roadmap to a Strategy (Phase I)
- Comms Strategy & Toolkit (Phase II)
 - PIDs 101, Problem Statement
 - National Strategy Pitch, Policy Brief
 - Model Slides, Infographic
- Roadmap to Success: Easy Actions

Next Steps

- Share materials widely
- Consider next phases of work
- Equity and inclusion
- Grow community partnerships
- Act on report recommendations

Engage with CRKN

If you're a member:

- We communicate directly with our members through:
 - Directors Listserv
 - Collections Listserv

If you're a stakeholder or member of the public:

- Questions: info@crkn.ca
- News: crkn.ca/news
- Digital Heritage Content and Preservation Listserv: crkn.ca/crkn-heritage-listserv
- ORCID-CA listserv
- Find CRKN on these social media platforms:





Canadian Research
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Questions
