



The background of the slide features a composite image. On the left, there is a map of British Columbia. On the right, there is a photograph of a city skyline with tall buildings and a harbor. The text is overlaid on a white curved banner that spans across the middle of the slide.

The e-Health Library of BC: Expanding access to health information across BC

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- The Need
- The Concept
- The Project Launch
- Uptake
- Lessons Learned
- Upcoming Plans

The Need

Why a health information consortia

- [Sharing the burden: A model for consortium purchasing for health libraries](#)

Harris and Peterson, 2003

- Control costs
- Provide easy access to quality information
- Satisfy a wide range of needs
- Unified negotiation

The Need - BC's Context

- Elizabeth Woodward
- HLABC - PDARG
- Other Consortia
 - Local: PHSA-UBC
 - Provincial: [ELN](#), [HKN](#), [SHIRP](#), [NLHKIN](#),
 - Interprovincial: [COPPUL](#)
 - National: [CRKN](#)
 - Other countries: [SALUS](#), [CIAP](#)

The Need - BC's Context

- Need to provide access to same basic set of resources
- Cost control
- Reduce duplicate licensing
- Enable evidence based practice, research, education with convenient timely access
- 25,000 seat expansion post secondary ed.
- Distributed Medical Program
- Expansion of Health Research
- Access to info – improve health outcomes

The Concept

- License high quality, cost effective, easily accessible health information to support teaching, research and practice across BC
- Summer 2003
BC Academic Health Council (BCAHC)
- The letter
- The meeting
- The establishment of the LWG
 - Technical, Marketing, Evaluation, Training, Governance subcommittees

2003 Survey

- What is the preferred set of e-resources?
 - Blackwell Online Journals
 - EMBR
 - MD Consult
 - OVID journals
 - PsycINFO, PsycArticles
 - CINAHL
 - Elsevier/Academic Press
 - Medline
- Gap Analysis
 - Products already in use
 - How much is currently being paid out

Content selection

- 3 categories of products defined
 - A: Essential databases and full text products
 - B: Clinical Decision Support, more full text
 - C: more CDS tools and full text
- Overall strategy for content acquisition
 - Start up
 - Procurement
 - Content package

RFP

- Set your criteria and ask the vendors to respond
 - Vendor expertise
 - Products offered
 - Costs
 - Technical support
 - Interoperability with other software/systems
 - Provision for statistics
 - Access terms
 - Ability to comply with eHLbc License agreement
 - References

Negotiations

- Vendors and products selected
 - OVID
 - EBSCO
- Negotiation for term, price and increments
 - 3 year deal
 - controlled annual increases
- Reference checking
 - Calls to HKN, SHIRP

The Products

- EBSCO

- Biomedical Reference Collection
- CINAHL with Fulltext
- Medline
- PsycINFO
- PsycArticles

- OVID

- EBMR (50 su)
- LWW Total Access Collection (75 su)
- Medline
- Linksolver

The Business Plan

- Background
- Project Description
 - Mission, Vision, Goals, Members
 - Linkages to MOH and M Ad Ed objectives
 - Suite of Resources
- Cost and Benefit Analysis
- Risk Assessment
- Evaluation

Exhibit 1 e-HLbc Linkages with Ministry of Health Objectives

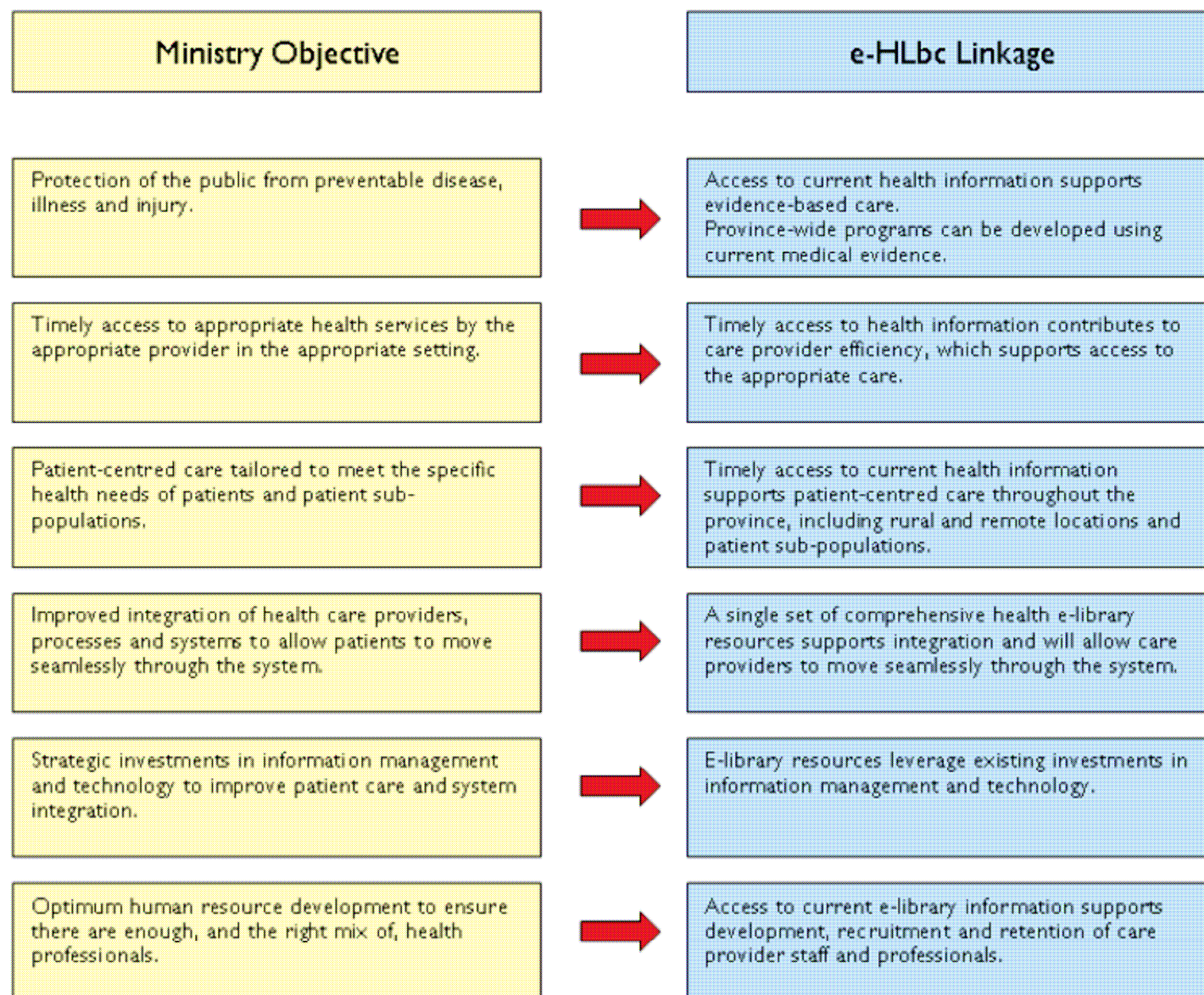
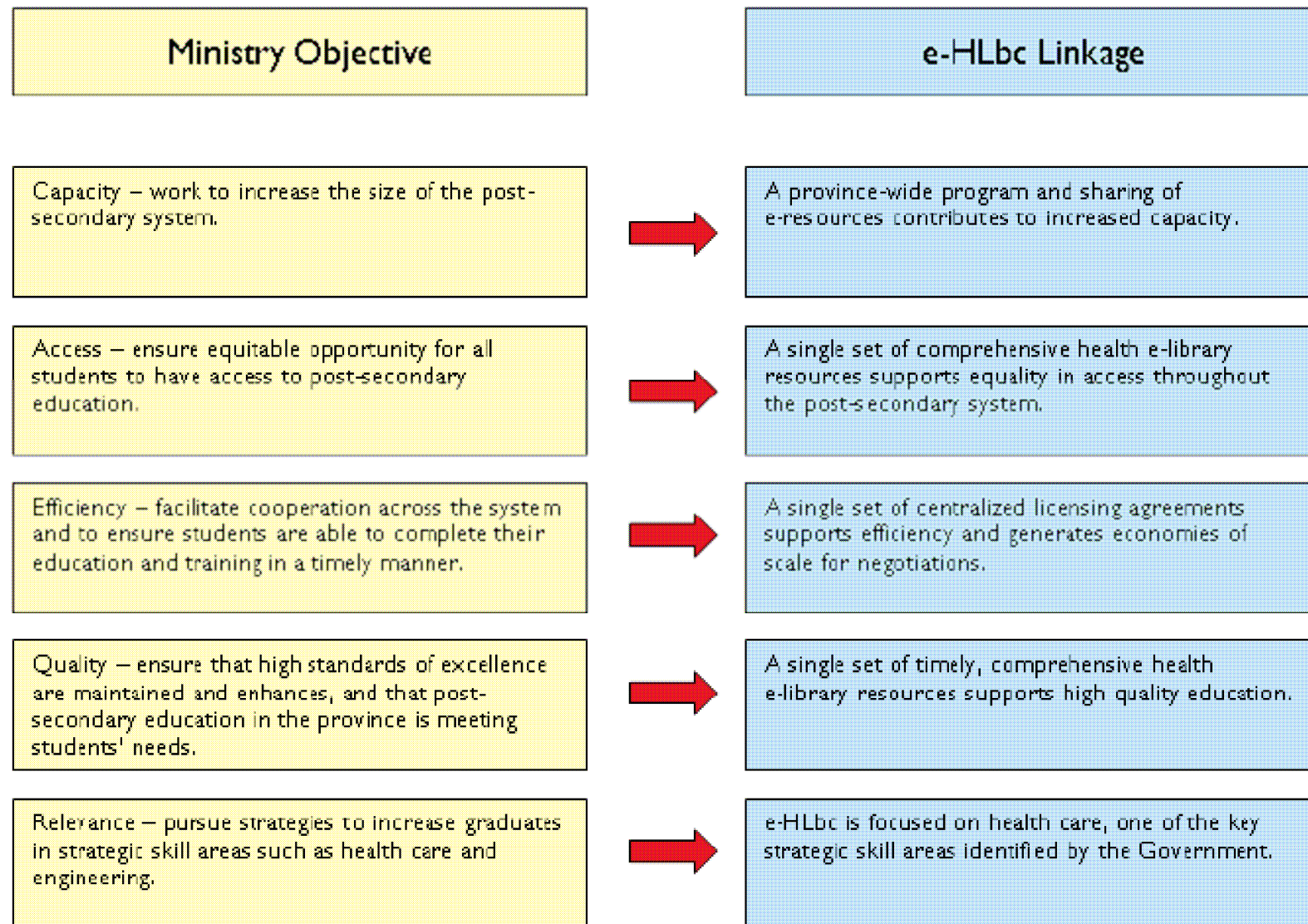


Exhibit 2 e-HLbc linkages with Ministry of Advanced Education Objectives



MEMBERS		URL
<i>Health Authorities</i>	Fraser Health	www.fraserhealth.ca
	Interior Health	www.interiorhealth.ca
	Northern Health	www.northernhealth.ca
	Provincial Health Services	www.phsa.ca
	Vancouver Coastal Health	www.vch.ca
<i>University Colleges</i>	Vancouver Island Health	www.viha.ca
	Kwantlen University College	www.kwantlen.bc.ca
	Malaspina University College	www.mala.ca
<i>Universities</i>	University College of the Fraser Valley	www.ucfv.bc.ca
	Royal Roads University*	www.royalroads.ca
	Simon Fraser University	www.sfu.ca
	Thompson Rivers University	www.tru.ca
	UBC Okanagan	www.ubc.ca/okanagan
<i>Colleges</i>	University of British Columbia	www.ubc.ca
	University of Northern British Columbia	www.unbc.ca
	University of Victoria	www.uvic.ca
	Camosun College	www.camosun.bc.ca
	Capilano College	www.capcollege.bc.ca
	College of New Caledonia	www.cnc.bc.ca
	College of the Rockies	www.cotr.bc.ca
	Douglas College	www.douglas.bc.ca
	Langara College	www.langara.bc.ca
	North Island College	www.nic.bc.ca
	Northern Lights College	www.nlc.bc.ca
	Northwest Community College	www.nwcc.bc.ca
	Okanagan College	www.okanagan.bc.ca
	Selkirk College	www.selkirk.bc.ca
	Vancouver Community College	www.vcc.bc.ca
<i>Institutes</i>	British Columbia Institute of Technology	www.bcit.ca
	Justice Institute of BC	www.jibc.bc.ca
<i>Government</i>	Ministry of Health	www.gov.bc.ca/healthservices
	Ministry of Advanced Education	www.gov.bc.ca/aved
<i>Other</i>	Ministry of Children & Family Development	www.gov.bc.ca/mcf
	College of Physicians and Surgeons of British Columbia*	www.cpsbc.ca/cps/college_library

* Non BCAHC Members



*Final estimate of B.C. Users Based on Official Sources**

Description of User		No. of Users Identified	
Health Professionals		Health Sciences FTE	Total FTE
BC Association for Marriage and Family Therapy			
BC Association for Play Therapy			
BC Association of Kinesiologists		443	
BC Association of Medical Radiation Technologists		1,753	
BC Association of Optometrists		390	
BC Association Speech-Language Pathologists and Audiologists		820	
Board of Registration for Social Workers		1,500	
British Columbia Association of Podiatrists		83	
British Columbia College of Chiropractors		860	
British Columbia Society of Laboratory Science - {MLT's & MLA's}		4,800	
College of Dental Hygienists of British Columbia		2,093	
College of Dental Surgeons of British Columbia		2,700	
College of Dental Technicians of British Columbia - DT		510	
College of Dental Technicians of British Columbia - DTA		534	
College of Denturists of BC		204	
College of Dietitians of BC		800	
College of Licensed Practical Nurses of British Columbia (1 yr training post-secondary)		5,612	
College of Massage Therapists of BC		1,600	
College of Midwives of British Columbia		78	
College of Naturopathic Physicians of British Columbia		191	
College of Occupational Therapists of BC		1,368	
College of Opticians of BC		1,210	
College of Pharmacists of BC		3,637	
College of Physical Therapists of British Columbia		2,316	
College of Physicians and Surgeons of BC		8,780	
College of Psychologists of British Columbia		900	
College of Registered Psychiatric Nurses of BC		2,114	
College of Traditional Chinese Medicine Practitioners and Acupuncturists of BC			
Other 1		7,640	
Registered Nurses Association of BC (2-5 yr post-secondary training)		28,914	
	Acupuncturists	809	
	Herbalists	50	
	Registered TCM practitioners	129	
	Doctors of TCM	237	
Faculty			
Universities 5 2		1,118	3,645
Post-Sec 22 3		548	6,395
Students			
Universities 5 4		4,092	71,818
Post-Sec 22 5		6,360	82,445
Public Servants			
Ministry of Children & Family Development		1,000	1,000
Ministry of Health Services		1,000	1,000
ESTIMATED TOTAL USERS:		97,193	249,378

Cost and Benefit Analysis

Exhibit 1
Incremental Cost and Benefit Summary

	2006/07	2007/08	2008/09
Total Start-up Costs	\$ -	\$ -	\$ -
Total Ongoing Operational Costs	\$ 1,339,000	\$ 1,380,900	\$ 1,423,700
Total Benefits	\$ (860,000)	\$ (860,000)	\$ (860,000)
Total Cost of (Benefit)	\$ 479,000	\$ 520,900	\$ 563,700

Based on the proposed allocation of operating costs within the consortium:

- The health sector would carry 52% of operating costs. This represents about \$2.13 million over three years, or about \$710,000 per year, excluding GST.
- The advanced education sector would fund the remaining 48% of operating costs. This represents about \$1.95 million over three years, or about \$650,000 per year, excluding GST.

The Project Launch

- Participation finalized
- Implementation subcommittees
- Trial access granted to databases
Mar 15th, 2006
- Official go live April 1st, 2006
- Public launch CHLA May 16th, 2006
- Steering Committee selection
- Management Committee selection

Year 1

- Terms of Reference
- Administrative contract created/negotiated
 - [Launch of e-HLbc website](http://www.ehlbc.ca) (www.ehlbc.ca)
 - e-HLbc Coordinator position created
- Re-establish Subcommittees
 - Training
 - Marketing/Communications
 - Sustainability
 - * New Products
 - * New Members

Year 1 cont'd

- Update Report
 - Feb 15th 2007
- Steering Committee meetings
 - Oct 30, 2006, April 16th 2007

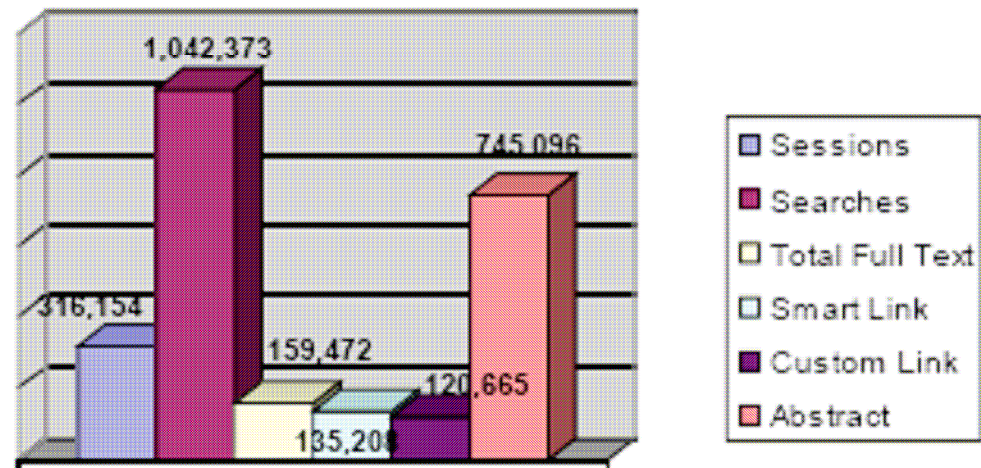
Uptake

- Evaluation committee is working on formalizing a process for measuring uptake
- Year 1 data from the Health Authorities clearly shows increased use of databases and substantial use of full text collections

All members uptake

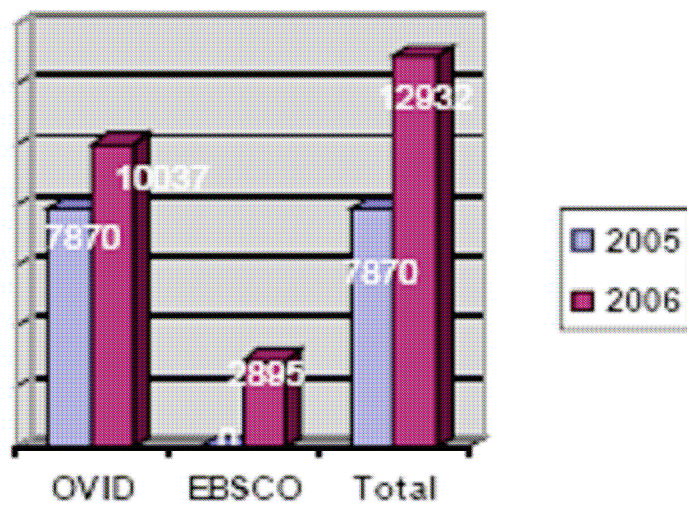
We have been able to obtain our first full data usage report on sessions, searches, and other data for all databases provided for the full e-HLbc consortium membership. Graphed below is the third quarter of 06/07 (Oct 1-Dec 31 '07). No comparative information is currently available.

EBSCO REPORT FOR E-HLBC Q3



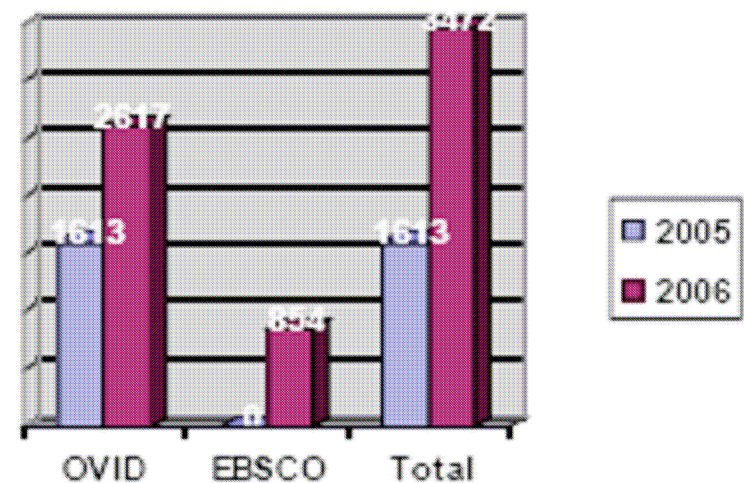
FHA Uptake

Average Searches/Mo



64.42% increase in total average searches/month

Average Sessions/Mo.



115.25% increase in total average sessions/month

FHA Uptake

Total Searches

Year 2005: 94,437

Year 2006: 155,191

Total Sessions

Year 2005: 19,351

Year 2006: 41,659

Lessons Learned

- The road is long and can be bumpy
- Find the right champion(s): Kudos to
 - George Eisler and BCAHC Administrative Staff!
 - Management Committee and Steering Committee members and BC ELN, e-HL*bc* Working Group champions
- Collaboration works

Upcoming Plans

- Begin the process of evaluation
- More training, more marketing
- Begin the process of assessing sustainability
 - cherry picking model
- Project recognition
 - HEABC Excellence in BC Healthcare Award

Questions

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