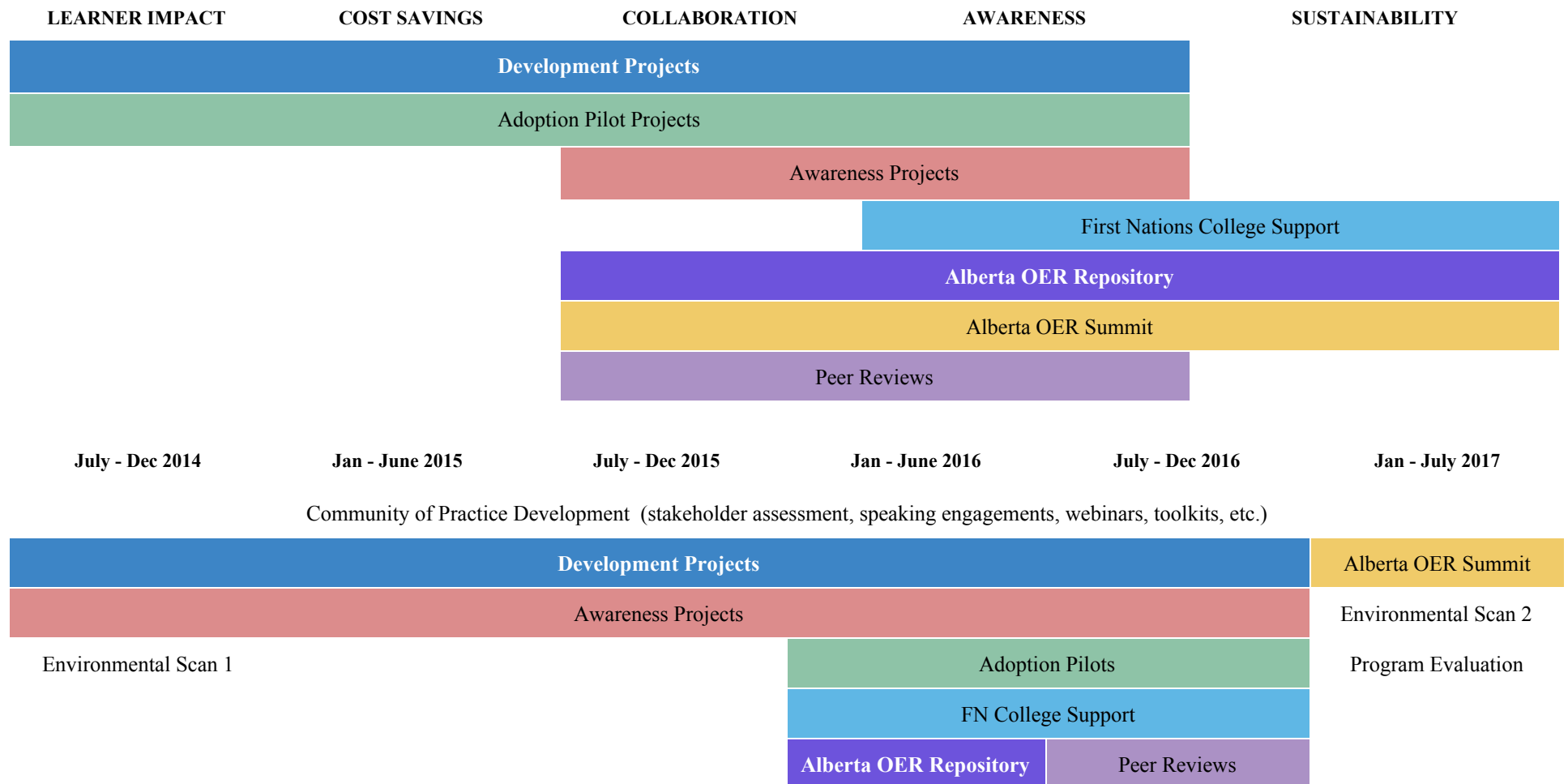


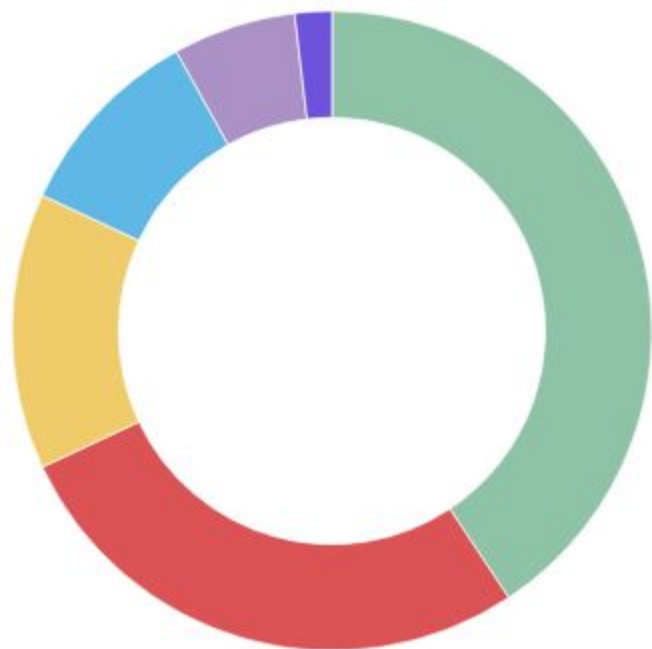
## PROGRAM OVERVIEW

The Campus Alberta Open Educational Resources (OER) Initiative is designed to assist with reducing the costs of post-secondary education for students and provide students and faculty members with the flexibility they need; offering updated, relevant content for learning. Freely available online OER opens up unlimited access to quality international educational content.

This section of the report will evaluate the outcomes of the Campus ABOER Initiative and efforts of ABOER funded projects. The colors in the charts below match the first chart on page 2, “Funding Distribution by Project Type”. Content in the timeline below without color-coding reflects work by the Alberta OER Team within the 12% administration budget.

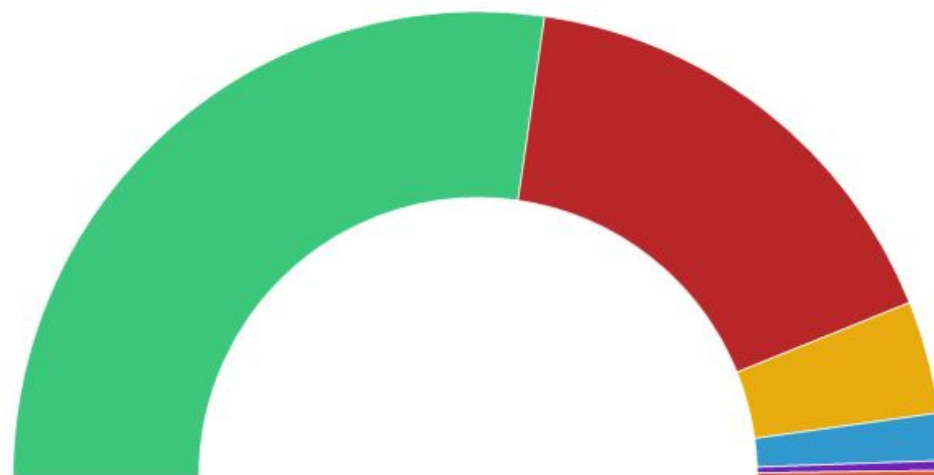


## FUNDING DISTRIBUTION



**Distribution of Funding by Project Type**

Development Projects	\$1,277,537.62	72.6%
Adoption Pilot Projects	\$196,296.95	11.2%
Awareness Initiatives	\$131,832.85	6.6%
Alberta OER Summit	\$67,347.58	3.8%
Alberta OER Repository	\$47,985.00	2.7%
First Nations College Support	\$30,000.00	1.7%
Peer Reviews	\$9,000.00	0.5%



**Distribution of Funding by Institutional Type**

Comprehensive Academic and Research Institutions	\$888,938.19	54.0%
Comprehensive Community Institutions	\$536,020.80	32.6%
First Nations Colleges	\$144,400.00	8.8%
Baccalaureate and Applied Studies Institutions	\$55,208.43	3.4%
Polytechnical Institutions	\$13,000.00	0.8%
Independent Academic Institutions	\$7,100.00	0.4%

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## OUTCOMES BASED EVALUATION

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### Development, use and, assessment of open educational resources

Foster awareness and use of open educational resources as a strategy for reducing student costs related to textbook purchases

- ABOER projects (6.6%, \$131,832.85) had primary objectives of raising awareness of open educational resources
- Awareness efforts included open online webinars, conference presentations, education consultations and toolkit collaborations
- Alberta OER Summit will follow 3 other institutionally-led ABOER-funded events drawing provincial attendance 2016-2017
- \$30,000 (1.7%) allocated to First Nations College Support resulted in increased institutional capacity to develop and use OER

Fund pilot projects related to selecting, adapting, using and evaluating open educational resources in post-secondary classrooms

- ABOER projects (83.3%, \$1,473,834.57) had primary objectives of reducing student costs by integrating OER in courses
- Projects funded include OER Development Projects (17), OER Adoption Pilots (21), Awareness Initiatives (6), Peer Reviews (18), and First Nations College Support.

Explore the use of open licensing frameworks such as Creative Commons, in the development of open educational resources

- All projects funded by ABOER required the use of open licensing; CC-BY or CC-BY-SA
- All content published and/or shared by ABOER has been CC-BY licensed
- ABOER Starter Kit, accompanying webinar, and ABOER resources page include how-to support on open licensing

Support capacity development for the sustainable development of quality learning materials

- Capacity building became a stronger focus in Phase II project awards and the efforts of the Alberta OER team
- Community of Practice led to a working committee to contribute to program evaluation and planning of Alberta OER Summit
- Adoption Pilot projects (11.2%, \$196,296.95), included an allocation of 25% capacity development funding per project
- First Nations College Support (1.7%, \$30,000) efforts supported capacity building

Foster strategic partnerships within Alberta and with other jurisdictions for the innovative development, use and assessment of open educational resources

- Counsel from BCcampus throughout initiative lifespan has allowed for growth in strategic maturity in the Alberta OER team
- Canada OER monthly calls led to collaboration and information sharing among provinces and national project opportunities
- Funding (1.7%, \$30,000) was allocated for First Nations College Support model with Alberta First Nations Colleges
- Awards deliberation processes actively sought collaborative opportunities in funding applications to support growth of the Alberta OER community; connecting past project leads with applicants, etc.
- OER Development and Adoption Pilot projects resulted in collaborative projects among institutions

Support communities of practice on open educational resources	<ul style="list-style-type: none"> <li>● Alberta OER Community of Practice actively draws faculty engagement across Alberta</li> <li>● Planning the Alberta OER Summit is supported by a planning committee including 18 representatives from across Campus Alberta and First Nations Colleges</li> <li>● Program Evaluation conducted with a working committee sourced from the Alberta OER Community of Practice</li> </ul>
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**Activities which enhance the long-term impact of the Minister’s investment and the sustainability of the open educational resources movement.**

Managing a peer review granting program	<ul style="list-style-type: none"> <li>● Peer Reviews are published on the AlbertaOER.com website and shared with the OER creator</li> <li>● Peer Review Fund (0.5%, \$9,000) contributed to the assessment and published peer review of global OER</li> <li>● Peer Review program required Alberta OER team evaluation of peer review submissions prior to publication</li> </ul>
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Managing an adoption pilot granting program	<ul style="list-style-type: none"> <li>● Adoption Pilot projects (11.2%, \$196,296.95), included an allocation of 25% capacity development funding per project</li> </ul>
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Establishing a repository for Alberta open educational resources, potentially in partnership with another jurisdiction	<ul style="list-style-type: none"> <li>● Repository contract with BCcampus is in place from May 2016 - 2018</li> <li>● Open resources developed through ABOER funding are published to the Alberta OER Repository collection</li> <li>● Copy-editing and coordination of upload by the Alberta OER team ensured accurate licensing and open access formatting</li> <li>● Repository contract also includes pilot for public submission of OER</li> </ul>
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Developing and releasing toolkits to support post-secondary institutions to build their capacity to implement and benefit from open educational resources	<ul style="list-style-type: none"> <li>● ABOER Champions Toolkit and OER Starter Kit are published to the AlbertaOER.com website</li> <li>● Peer review and contribution of OER Toolkits are encouraged and actively sought</li> <li>● Toolkits continue to be presented by the Alberta OER team at various professional development events</li> </ul>
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Maintaining a website for public and stakeholder communication	<ul style="list-style-type: none"> <li>● AlbertaOER.com includes Alberta OER Repository, Peer Reviews, Toolkits, webinars, and how-to resources</li> <li>● A revision to the website is drafted to heighten the online presence of the Alberta OER Community of Practice</li> <li>● Articles on each ABOER project have been published to the AlbertaOER.com website throughout the lifecycle of the initiative</li> </ul>
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Initiating an Alberta open educational resources community of practice	<ul style="list-style-type: none"> <li>● Alberta OER Community of Practice, launched Sept 2016, actively draws faculty engagement from across Alberta with an objective of openly sharing knowledge and facilitating cross-institutional collaboration</li> <li>● Community of Practice members are actively engaged in the planning of the Alberta OER Summit (May 11, 2017)</li> <li>● Members also supported planning and research for Alberta OER Program Evaluation (Mar 31, 2017)</li> </ul>
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Left column items above are direct excerpts from the Campus Alberta OER Initiative Proposal; Schedule A, Alberta Advanced Education Grant Agreement dated March 31, 2016.

**Table 1: Adoption Pilot Projects, Fall 2016**

Original Text Costs		Fall 2016								
Pre	Post	Enrolment		Forecast (1 yr)	Forecast (5 yrs)	Institution	Course Impact			
\$89.00	\$0.00	240		\$21,360.00	\$117,480.00	Mount Royal University (MRU)	MGMT 2262			
\$70.00	\$0.00	140		\$9,800.00	\$53,900.00	Concordia University (CUE)	PESS 293			
\$100.00	\$0.00	260		\$26,000.00	\$143,000.00	NorQuest College (NQ)	CBL 5			
\$200.00	\$0.00	700		\$140,000.00	\$770,000.00	Mount Royal University (MRU)	CHEM 350	CHEM 360		
\$0.55	\$0.00	216		\$118.80	\$653.40	Athabasca University (AU)	BIOL 235			
\$72.00	\$0.00	694		\$49,968.00	\$274,824.00	Athabasca University (AU)	PHYS 200			
\$100.00	\$0.00	230		\$23,000.00	\$126,500.00	Bow Valley College (BVC)	LINC 6			
\$200.00	\$0.00	400		\$80,000.00	\$440,000.00	Athabasca University (AU)	CHEM 301			
\$183.64	\$0.00	250		\$45,910.00	\$229,550.00	Athabasca University (AU)	CHEM 350	CHEM 360		
\$90.00	\$0.00	450		\$40,500.00	\$222,750.00	Olds College	COM 1020			
\$117.64	\$0.00	200		\$23,528.00	\$129,404.00	Athabasca University (AU)	MATH 265			
\$265.00	\$0.00	120		\$31,800.00	\$174,900.00	Athabasca University	MHST 623			
\$140.47	\$0.00	200		\$28,094.00	\$154,517.00	University of Calgary	STAT 205			
\$120.00	\$0.00	58		\$6,960.00	\$38,280.00	University of Calgary	SPAN 201			
\$200.00	\$0.00	44		\$8,800.00	\$48,400.00	Maskwacis Cultural College	EDPY1500			
\$91.96	\$0.00	58		\$5,333.68	\$29,335.24	University nuhelot'įne thaiyots'į istameyimâkanak Blue Quills	COMM 200 COMP 125	ENG 200	PSYC 101	SOCI 100
\$207.95	\$0.00	90		\$18,715.50	\$102,935.25	Southern Alberta Institute of Technology (SAIT)	MATH 206 CHEM 181	CHEM 182	PHYS 181	PHYS 182
\$110.00	\$0.00	130		\$14,300.00	\$78,650.00	Medicine Hat College (MHC)	MICO 191			
\$0.00	\$0.00	40		\$0.00	\$0.00	Medicine Hat College (MHC)	CMMB 250			
\$500.00	\$0.00	280		\$140,000.00	\$770,000.00	University of Calgary (UofC)	GLGY401 GLGY441 GLGY503	GLGY505 GLGY601 GLGY603	GLGY605 GLGY609 GLGY611	GLGY639 GLGY663
\$40.00	\$0.00	7,406		\$296,240.00	\$1,629,320.00	Athabasca University (AU)	ENGL 255			

Original Text Cost      Enrolment      Projected 1 year      Projected 5 years      *Note: numerous adoption pilots reported institutional cost savings in addition to or instead of student savings*  
**\$2,898.21**      **11,956**      **\$1,010,427.98**      **\$5,534,398.89**      *Cost savings in Table 1 represents a sum of both institution and student saving opportunities.*

**Table 2: Sampling of OER Development Projects, 2015**

Pre	Post	Annual 2016	Cost Savings Forecast		Cost of OER Development	Institution / OER Title	Courses	
		Enrolment	1 year	5 years			Forecasted	Other
\$230.00	\$0.00	180	\$41,400.00	\$207,000.00	\$54,000.00	University of Alberta, Mount Royal University Open Genetics Textbook + Digital Exercises	BIOL2101	Molecular BIO 2202, Principles Ecology and Evolution 2213, Molecular Genetics 3103, Intermediate Cell Bio 3102, Evolutionary Bio 3106
\$70.00	\$0.00	479	\$33,530.00	\$167,650.00	\$15,000.00	Creative Clinical Teaching in Health Professions: Open Access Textbook	MHST 623 MHST 624	MHST 625 Personalizing Learning Through Collaborating and Mentoring in Health Care Environments
\$125.00	\$0.00	680	\$85,000.00	\$425,000.00	\$50,000.00	OER Textbook on Occupational Health and Safety	IDRL308 HRMT232	
\$166.00	\$0.00	177	\$29,369.00	\$146,844.00	\$60,000.00	Course Redesign: Health and Community Development	HADM315 HADM326	HADM 3XX: Health Communication
\$185.00	\$0.00	434	\$80,290.00	\$401,450.00	\$121,000.00	Beginner Spanish OER	SPAN 200 SPAN 201	1st semester Spanish courses Partial use in 2nd and 3rd years
<b>\$775.93</b>		<b>1,950</b>	<b>\$269,588.73</b>	<b>\$1,347,943.63</b>	<b>\$300,000.00</b>			

\*To provide a clear sampling of cost recovery related to OER development (above), 10 OER development projects were removed (listed below)

Institution	OER Title	OER Development funded by ABOER	
University of Alberta	OER Interactive Physics Simulations	\$80,501.00	
Olds College	Workplace Communications Open Curriculum	\$200,000.00	
Athabasca University	Intermediate Financial Accounting I and II OER Tutorial	\$20,000.00	
Medicine Hat College	Microbiology Textbook / CMMB 250 Microbiology	\$21,473.85	
University of Calgary	Open Logic Textbook	\$43,000.00	
Bow Valley College	Improving Reading Skills for Success in Postsecondary Education	\$64,800.00	
University of Calgary, Mount Royal University	OER for Introductory Mathematics Courses	\$39,623.19	
Bow Valley College, NorQuest College	In the Workplace: An Intermediate Integrated Skills Textbook	\$200,000.00	ESL textbook
Athabasca University	Rocket Scientists' Guide to Money and the Economy	\$64,000.00	
Athabasca University	Building In-service Teacher OER Capacity for Graduate Credit	\$74,000.00	
Mount Royal University	Open Source Textbook in Applied Logistics Management	\$27,349.43	Partially funded; still in development
Athabasca University	Open Physical Geography Course	\$164,264.00	Partially funded; still in development

**Table 3: Cost Recovery of Adoption Pilot Program**

\$200,000 invested in Adoption Pilots will recover \$1.76M in 2 years	
ABOER grant funding	\$1,760,000.00
Savings forecasted over 5	\$5,534,398.89
Savings forecasted per year	\$1,010,427.98
\$1.76M divided by savings per year	1.7418361673