

Climate Adaptation Capacity-building

Knowledge needs to be shared and built upon in the climate crisis. Adaptation Learning Network has put Open Education Practices at the center of everything we create to break down barriers to accessing knowledge on climate adaptation.



INSPIRING
CLIMATE ACTION

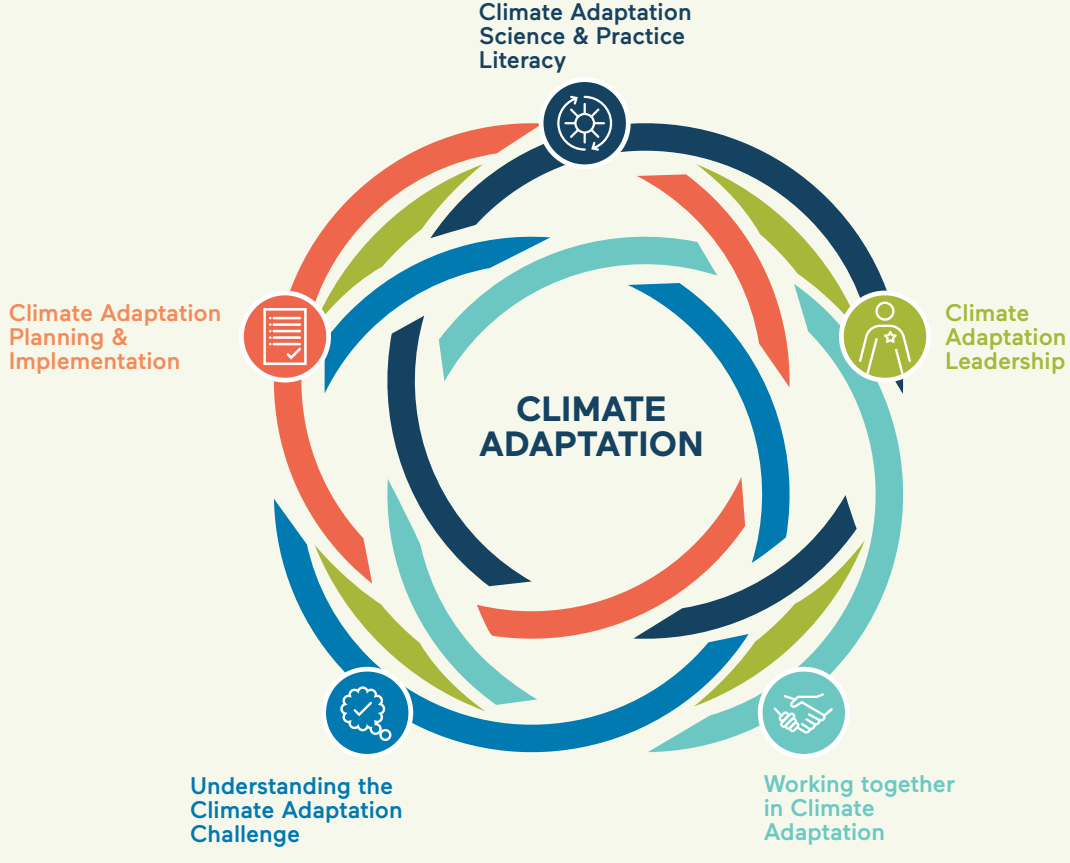
Competencies

Skills for building capacity in climate adaptation.



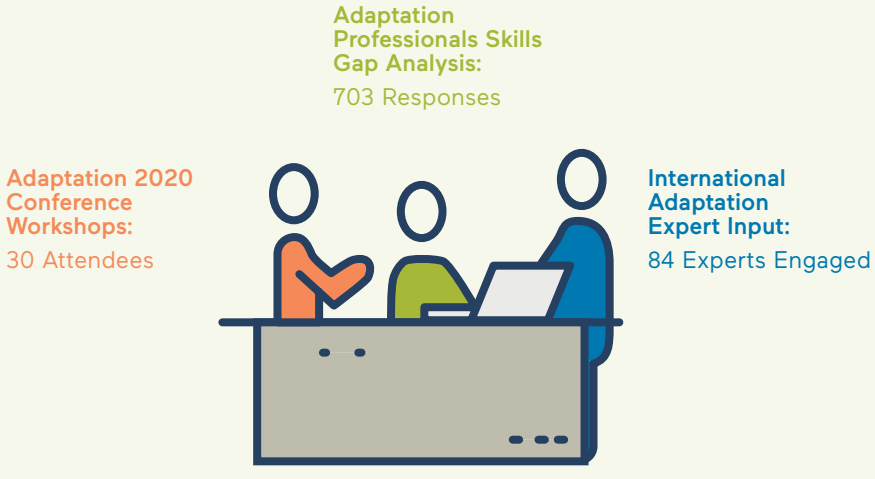
Climate Adaptation Competency Framework (CACF): Domains

Competencies detail the skills and knowledge that employees, contractors, and students require to undertake climate adaptation actions successfully.



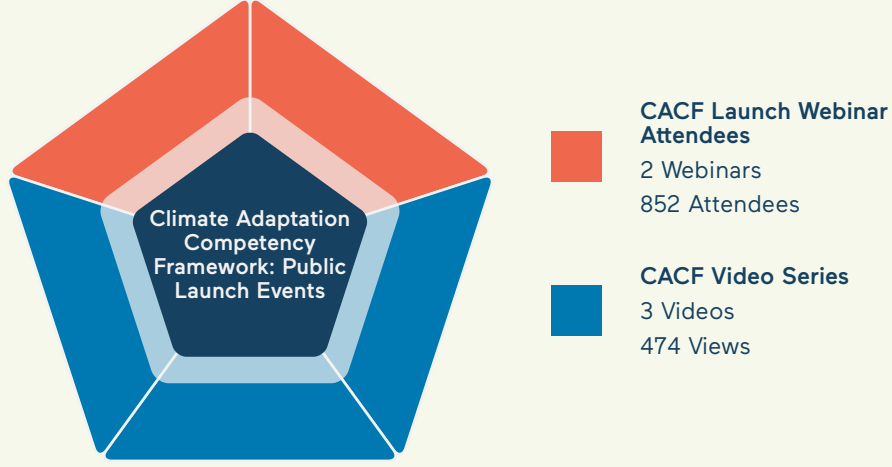
CACF Development Events

To create a competency framework which could have broad applications, ALN engaged climate adaptation professionals to assess where they see skills gaps in the marketplace.



CACF Launch

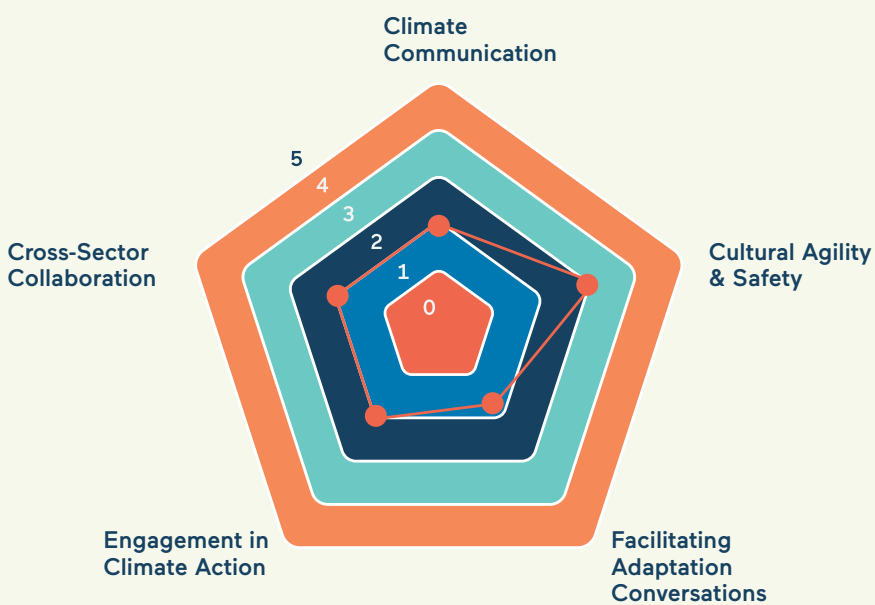
To engage employers, students and universities on the concepts and uses of the Climate Adaptation Competency Framework, ALN held a series of launch events.



CACF Evaluation and Implementation

ALN tested the Climate Adaptation Competency Framework with an environmental consulting firm to identify knowledge gaps that could be addressed through further professional development. ALN also used the competencies to develop learning outcomes in our courses.

Working together in Climate Adaptation



Evaluation
In this example, respondents evaluated their own expertise against individual competencies on a scale of 0-5. This determines the firm's climate adaptation capability.

Used In
[Master of Arts in Climate Action Leadership \(RRU\)](#) for identifying key learning outcomes
ALN Courses for identifying key learning outcomes

Courses

Helping professionals to bring climate adaptation into their practice through education and training.



Values

All courses are available as Open Educational Resources to advance free access to important topics about Climate Change Adaptation.



CC BY 3.0

All courses are designed for online access, are Creative Commons licensed, and can be found through Open Repositories:

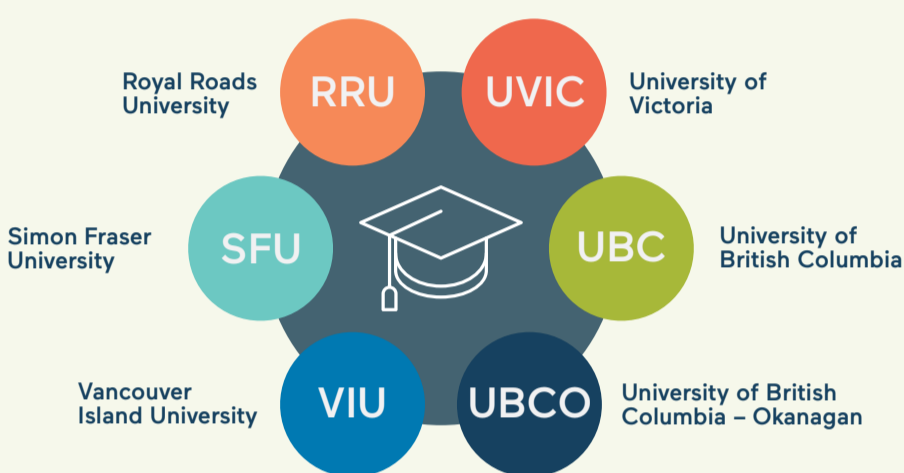
OER Commons

WeADAPT

BCcampus

Universities

The ALN involved 6 of BC's top universities to create courses addressing climate adaptation knowledge gaps.



Courses

ALN identified over 40 potential course topics. Participating universities chose topics based on internal expertise and undertook design, development, marketing, registration, and instructor support.

Course Name	University	# of offerings	# students participated
Climate Change Adaptation Fundamentals	RRU	8	189
Natural Asset Management	RRU	8	164
Climate Change Perspective for Project Management	RRU	3	35
The Financial Impact of Climate Change	RRU	1	16
Indigenous Knowledge & Perspectives on Climate Adaptation	RRU	0	launching in 2022
Ecosystems for the Future	UVIC	3	54
Food & Water Security	UBCO	1	11
Green Infrastructure in Urban Centres	SFU	1	35
Strategic Dialogue & Engagement for Climate Adaptation	SFU	1	32
Intro to Climate & Ecological Models for Forest Adaptation	UBC	2	21
Intro to Climate Policy for Climate Adaptation Professionals	VIU	2	22

Course Developers

It takes a wide variety of talents and expertise to build and teach courses.



Network

Building a professional knowledge network

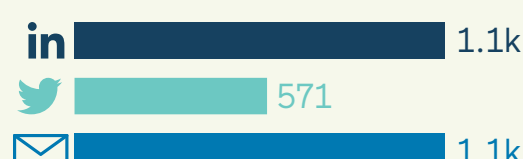


Socials

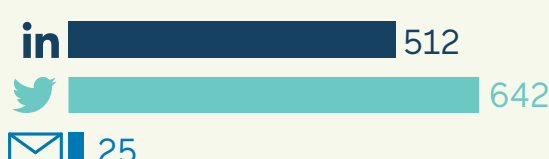
- LinkedIn
- Twitter
- Newsletter

Beginning in 2020, ALN used social media and a monthly newsletter to connect with our network of climate adaptation professionals.

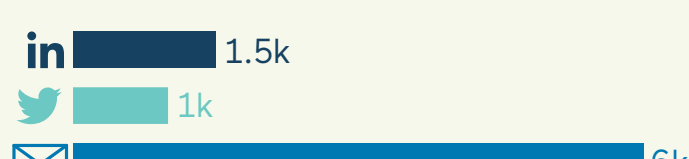
Total Followers¹: 2.7K
across all channels



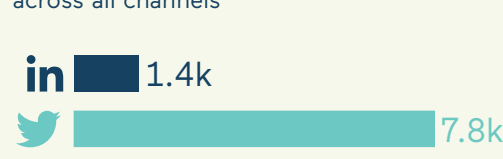
Total Posts²: 1,179
across all channels



Total Engagements³: 8.5K
across all channels



Total Clicks⁴: 10.7K
across all channels



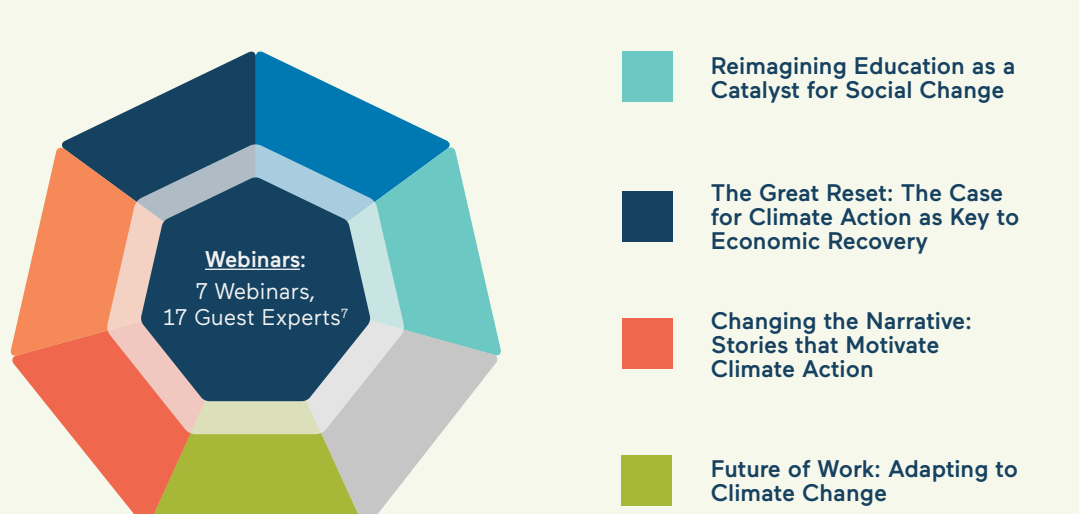
Climate Adaptation Expert Engagement

Through a series of events, ALN brought together thought leaders in the climate adaptation field to collaborate and share their knowledge.



Media

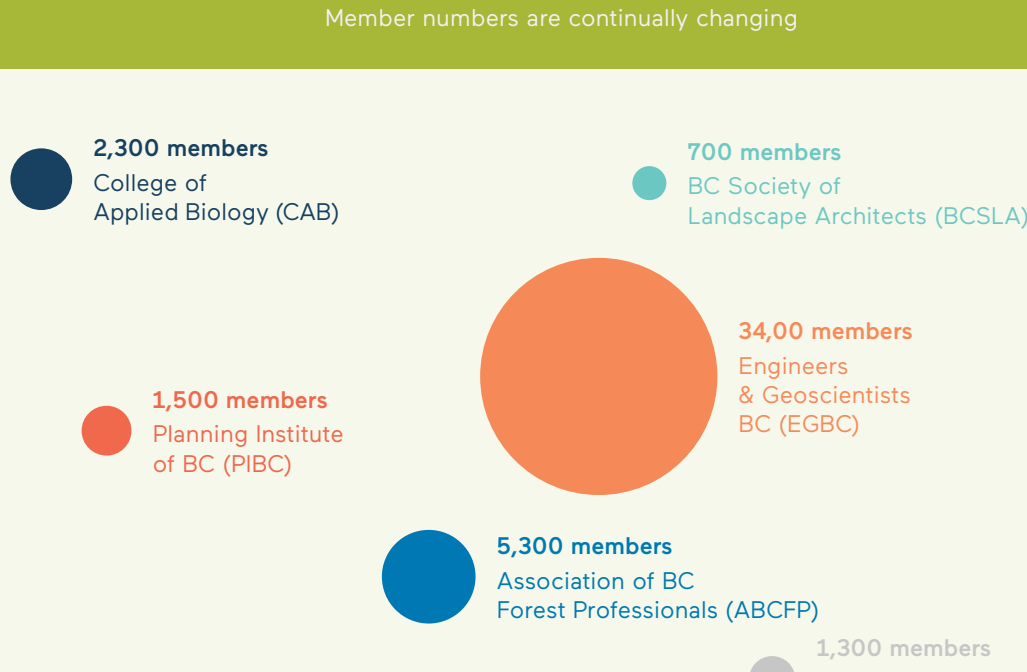
ALN created platforms for climate adaptation experts to share their ideas using different mediums.



Participating Professional Associations

From the beginning of the project, ALN collaborated with 7 of BC's Professional Associations to identify the skills gaps and learning needs of professionals whose work intersects with climate adaptation issues.

Member numbers are continually changing



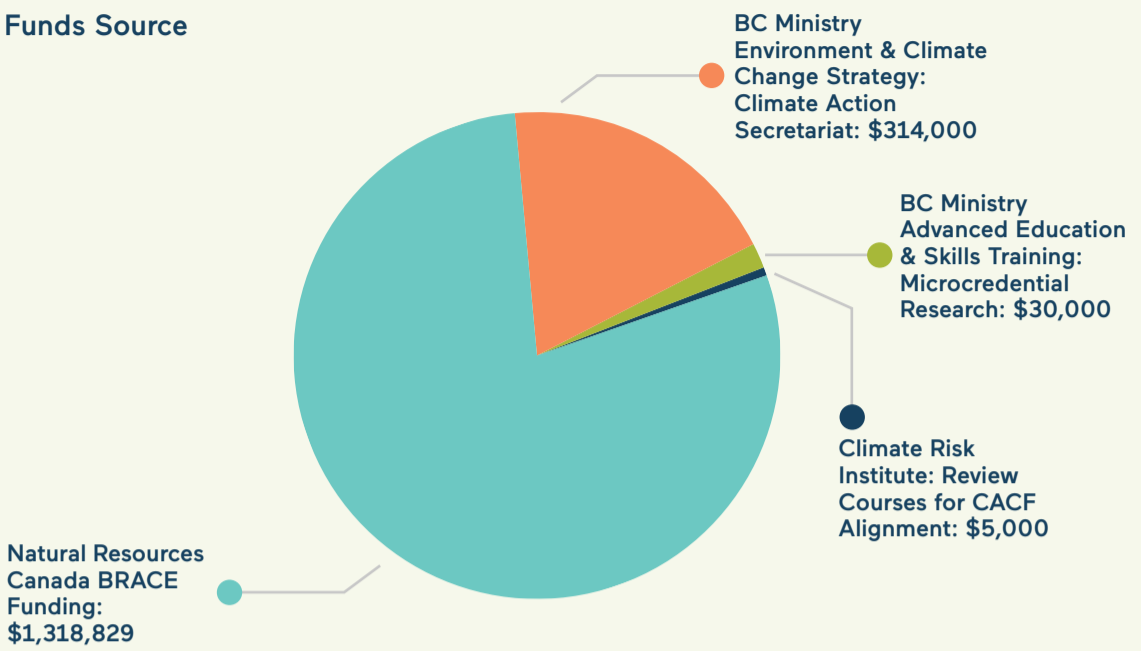
Footnotes

- A person who subscribes to ALNs accounts in order to receive updates.
- Organic content posted by ALN on our own organizational pages. For this section we have counted Newsletters as posts.
- The total number of likes, comments, and shares received on content associated with ALN Pages plus the total number of opens of ALN newsletters.
- The number of clicks on any of ALN's posts and links in ALN newsletters.
- <http://www.challengedialoguesystem.net/>
- European Climate Change Adaptation Conference 2019 (Lisbon), Council for Economic Cooperations 2019 (Mexico City), Uvic CEL Climate Forum 2019 (Victoria), World Conference on Online Learning 2019 (Dublin), BC Institute of Agrologists AGM 2019 (Qualicum), IMPACT 2019 (Victoria), CleanBC Indigenous Forum 2020 (Vancouver), Adaptation2020 (Vancouver), BC Public Service 2020 (Online), Governance Professionals of Canada 2020 (Online), Knowledge Exchange for Climate Adaptation Professionals 2021 (Online), Hazards Symposium 2021 (Online), Canadian Association of University Continuing Education 2021 (Online), Understanding Risk Symposium 2021 (Online)
- Ken Jeffery, Irwin DeVries, Elizabeth Childs, Russ Johnston, Matt Godsoe, Adam Lerner, Johanna Wagstaff, Tamsin Lyle, Stephanie Wood, SGAan Kwahagang, Philip Steenkamp, Philip Pitchford, Ewa Jackson, Laniel Bateman, Avi Lewis, Carla Lipsig-Mumme, Vivian Forsman, Robin Cox
- Adam Dodd, Tamsin Lyle, Stephanie Wood, Vivian Forsman, Krista Lambert, Amanda Coolidge, Tannis Morgan, Robin Cox, Steven Forth, Dennis Green, Roy Brooke, Joanne Taylor, Stewart Cohen, Michelle Patterson, Susan Todd, Todd Thexton, Kristina Sokourenko, Kristine Schrage, Per Espen Stoknes, Lo Cheng, Tina Rossing, Robert LaPage, Kyla Milne

Budget

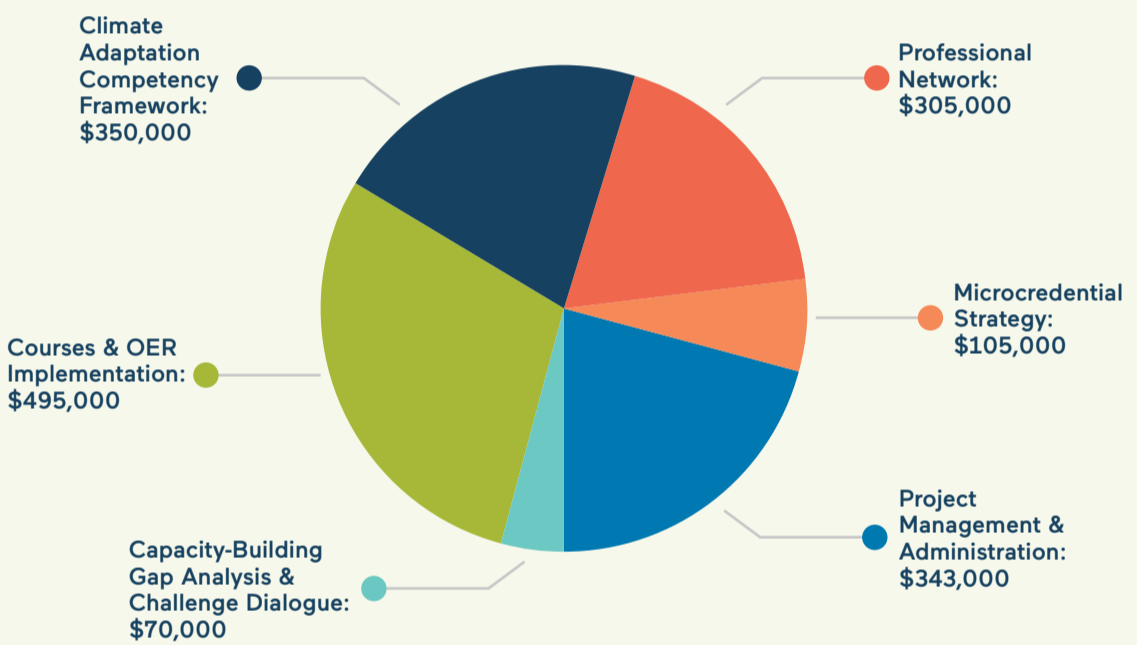
Funders: NRCAN & BC-CAS

Funds Source



Funds Allocation

Total: \$1,668,000



In Kind Contributions

Total: \$892,886

