



ENGINEERS &
GEOSCIENTISTS
BRITISH COLUMBIA

Bridging Silos to Catalyze Decarbonization and Resilience of Buildings

PNWER Summit

Harshan Radhakrishnan, P.Eng., SCR®, M.A.Sc.

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ENGINEERS AND GEOLOGISTS BC

- Regulatory body for professional engineers and geoscientists in BC
- Registrant numbers ~40,000
- Primary responsibility to act first and foremost in the public interest
- Strategic Plan: Commitment on Social Responsibility:
 - promoting equity, diversity and inclusion,
 - promoting Reconciliation with Indigenous Peoples, and
 - taking action on climate change



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2022—2027 STRATEGIC PLAN:
WORKING TOGETHER FOR A SAFE AND RESILIENT BC

Climate Change Action Plan: Key Considerations

The Climate Change Action Plan is:

- **First of its kind**, intended to be a model for others
- Provides **strategic direction** and a strategic framework for action
- Dynamically responsive to the resources and **opportunities**
- Focuses on **supporting registrants**



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CLIMATE CHANGE ACTION PLAN

VERSION 1.0
PUBLISHED MARCH 15, 2021

Engineers and Geoscientists BC's Climate Change Action Plan



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ENGINEERS AND GEOSCIENTISTS BC'S CLIMATE OBJECTIVES

LEADERSHIP AND COLLABORATION

Lead the engineering and geoscience professions' response to climate change in BC and collaborate with others to leverage resources and enhance impact.

REGISTRATION AND COMPETENCY

Update the registration process for professional engineers and geoscientists to incorporate climate change competencies.

EDUCATION AND KNOWLEDGE SHARING

Build registrants' knowledge of and capacity to consider climate change in their professional practice.

PRACTICE RESOURCES

Provide registrants with practical and relevant practice resources to help them deliver appropriate responses to a changing climate and reduce greenhouse gas emissions.

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Bridging Silos

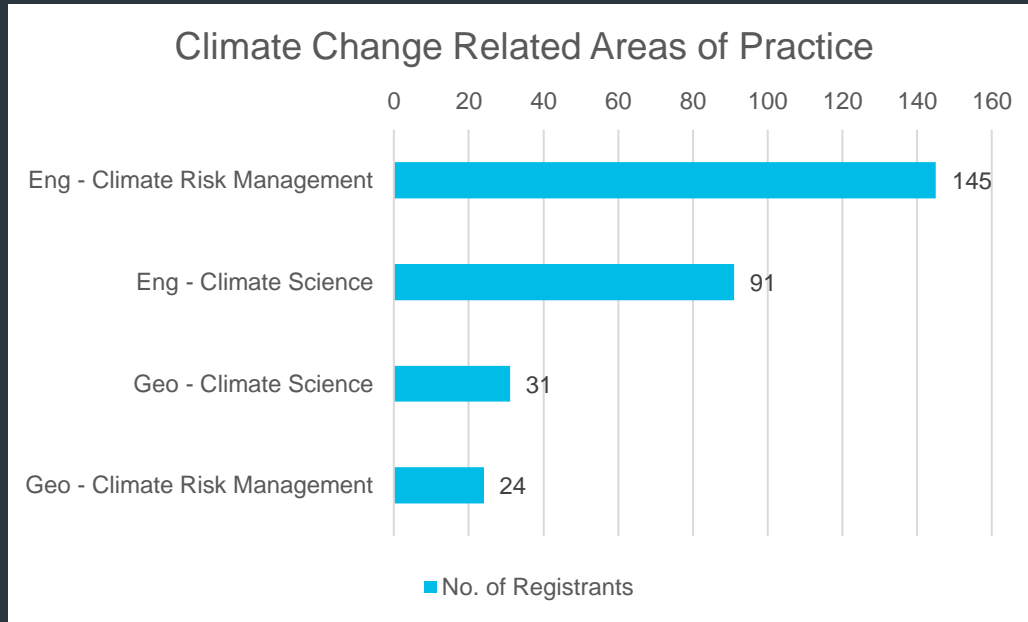
Collaboration and Partnerships (CCAP Action #2)



Example:
Partnership
agreement with
utilities to develop
and deliver training
and practice
resources.

EGBC actively seeks out opportunities and provides outreach to various stakeholders and groups such as governments, Indigenous and technical groups, and others in relation to climate change and sustainability strategies

New Practice Areas (CCAP Action #4)



Note: We are recognizing emerging areas of practice in the Annual Information Reporting form

Screenshot dated 30 May 2022 showing the no. of EGBC registrants with declared areas of practice in Climate Science and Climate Risk Management

Education and Knowledge Sharing (CCAP #5&6)

- 30+ annual CE events related to climate and sustainability topics
 - Staff led/ Branch/ Division/ SME led
- CE events posted on external events page when there is alignment
 - Climate Risk Institute & other federally funded programs (e.g. BRACE)
 - Consultation requests/ Implementation update (e.g. BC Energy Step Code Vancouver's building bylaw updates)
 - External conferences (e.g. CaGBC's Conference)

Practice Resources (CCAP Action #8)

EGBC is highly engaged in developing professional practice guidelines and supporting the development of practice resources by other stakeholders



Key Takeaways

- **Seize the opportunity:** Catalyzing decarbonization and resilience of buildings represents a golden opportunity to mitigate risks, stimulate the local economy and realize co-benefits in human health and well-being.
- **Build on successes:** Implementation in BC provides a model for upscaling and mainstreaming the approach to building low-carbon and resilient buildings
- **All hands on deck!** Regulators, policy makers and all of Civil society at the sub-national scales must assume responsibility and work collaboratively to support market transformation.

THANK YOU