cleanBC

our nature. our power. our future.

CleanBC Communities Fund (CCF) Intro Webinar

February 7 & 8, 2022

TERRITORIAL ACKNOWLEDGMENT

Image source: https://terralingua.org/2020/05/12/camas/

CLEANBC COMMUNITIES FUND - CCF

- Investing in Canada Infrastructure Program (ICIP) $3.9B Federal/Provincial ICIP Agreement announced Apr 2, 2018
- Green Infrastructure - Climate Change Mitigation sub-stream
- Clean Communities Fund (CCF) contributes to Canada's target of GHG reductions
- Infrastructure that creates economic growth; sustains well-paying jobs; builds inclusive communities; supports a low-carbon, green economy
- Intake 3: $134 million (combined federal and provincial funding)
  - Opened Jan 26, 2022 and closes May 25, 2022

CLEANBC COMMUNITIES FUND - CCF

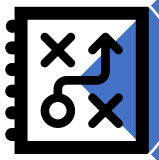
Must meet one program outcome:

1. Increased capacity to manage renewable energy
2. Increased access to clean energy transportation
3. Increased energy efficiency of buildings
4. Increased generation of clean energy

Projects must also:

- Support public infrastructure, defined as tangible capital assets primarily for public use and benefit

CCF EXAMPLE PROJECTS



1. Capacity to manage renewable energy

- Anaerobic digester (converting food waste into biogas)

2. Clean energy transportation

- EV Charging Network (level 2 & 3)

3. Energy efficiency of buildings

- Building Envelope Upgrade; Passive House Development; Clean Energy Retrofits

4. Generation of clean energy

- Hydropower Projects; Sewer Heat Recovery Energy System; Geothermal Heat Recovery

CCF COST SHARING

Applicant	Federal Share	Provincial Share	Applicant Share
Local Government	40%	33.33%	26.67%
Indigenous (off-reserve)	75%	15%	10%
Indigenous (on-reserve)	75%	0%	25%
Not-for-Profit	40%	25%	35%
For-Profit	25%	15%	60%

CCF INTAKES

- Intake 1 (2018-2019):
  - Up to $63 million combined Federal/Provincial funding
- Intake 2 (2020):
  - Up to $47 million combined
- Intake 3 (2022):
  - Up to $134 million combined
  - Opened Jan 26, 2022 and closes May 25, 2022
- Search for other funding opportunities in new [BC Community Climate Funding Guide]

CCF – INTAKE 3 TIMELINES

- Request BCeID access to the LGIS application portal by May 4, 2022
- Intake 3 closes May 25, 2022 at 3pm
- Shortlisted projects (confidential Provincial approval in principle) estimated late 2022
- Final Federal approval estimated late summer 2023
- Projects must not start construction or tender contracts until final federal approval is received.
- All projects must be substantially completed by March 31, 2027

WEBINARS

GHG Methodology Webinar

- **February 22, 2022, 2:00pm – 3:00pm** - Gain a deeper understanding of the greenhouse gas (GHG) assessment process and evaluation criteria, learn about best practices for generating baseline and project emissions scenarios, and a chance for Q&A.

Innovation and Resilience Webinar

- **March 2, 2022 - 11:00am – Noon** - Learn how you can integrate innovation and climate resilience into your CCF application submission.

Recordings and slides will be posted here: cleanbc.gov.bc.ca/communitiesfund

GHG PRELIMINARY ASSESSMENT

- Preliminary GHG Assessment (submitted at time of application) vs. Climate Lens (completed prior to Federal approval)
  - Costs are reimbursed for successful projects & if external consultants used

- New Climate Lens General Guidance (2021)
- GHG Preliminary Assessment Example - Fuel switching project:
  - Start date and lifespan, location, identification of baseline and project source, sinks and reservoirs
  - GHG gases included and calculated as CO2e
  - Scope 1 (direct), 2 (indirect electricity) and 3 inclusions (other indirect)

HIGHLIGHTED PROJECTS

Outcome 2:

Clean Energy Transportation – Regional EV Charging Networks

- Nanaimo - Funding: $504,143 for 28 L2 chargers
  - Estimated lifetime reduction - 2,603 tCO2e
- North Coast RD - Funding: $760,432 for 55 L2 chargers
  - Estimated lifetime reduction - 2,598 tCO2e

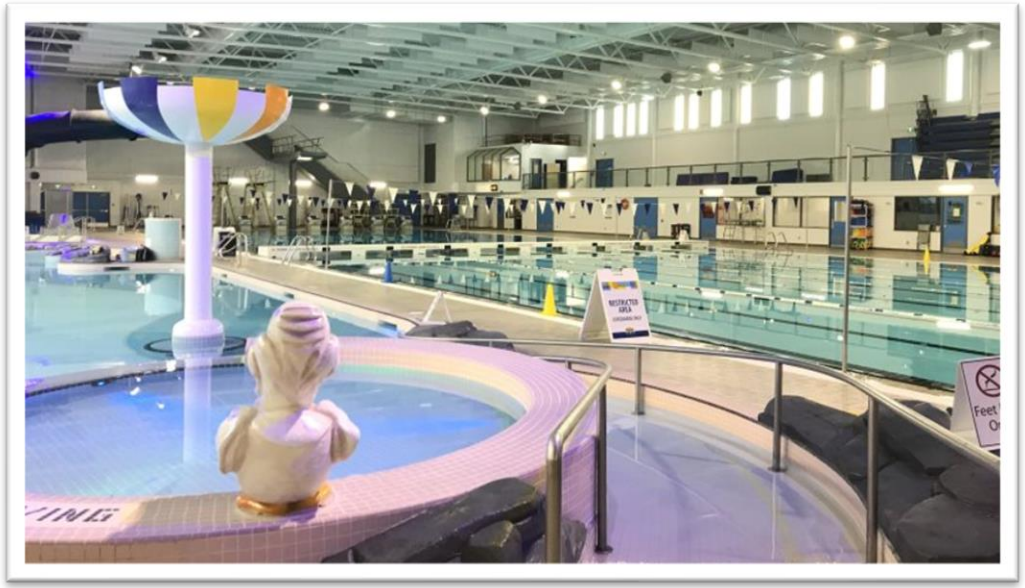
More project info at: cleanbc.gov.bc.ca/communitiesfund

HIGHLIGHTED PROJECTS CONT'D

Outcome 3:

Energy Efficiency – Aquatic Centre Retrofit

- City of Kamloops - Funding: $2.5 million
- Estimated lifetime reduction - 6,870 tCO2e
- Completed in winter 2020



Energy Efficiency – Passive House

- Castlegar & District Chamber of Commerce
- Funding (federal and provincial): $ 2.4 million
- Estimated lifetime reduction - 256 tCO2e

HIGHLIGHTED PROJECTS

Outcome 4:

Clean Energy Generation – Sewage Heat Recovery

- Vancouver – False Creek
- Funding (federal and provincial): $10.2 million
- Estimated lifetime reduction - 117,000 tCO2e
- 5 MW capacity

Hydropower - Nuxalk First Nations

- Funding (federal and provincial): $9.9 million
- Estimated lifetime reduction -194,362 tCO2e
- 2.1 MW capacity

HIGHLIGHTED PROJECTS

Outcome 4 cont'd…

Solar PV - Lower Nicola Indian Band

- Funding (federal and provincial): $738,950
- Estimated lifetime reduction -143 tCO2e
- 416,000 kWh a year

Self-Sufficient Affordable Housing - Kanaka Bar Indian Band

- Funding (federal and provincial): $396,606
- Estimated lifetime reduction - 1,828 tCO2e

APPLICATION TIPS

1. Preliminary GHG Assessment = Very Important! Sign up for webinar!
2. Use an Appendix (Excel) to Show Calculations
3. Backup your Numbers with References
    - Review the Program Guide, GHG Calculation Methodology, GHG Preliminary Assessment Example
    - 2020 BC Methodological Guidance for Quantifying Greenhouse Gas Emissions - Emission factors, energy densities for fossil fuels, and global warming potentials
4. Include cost for Climate Lens in "Detailed Cost Estimate"
5. Demonstrate how project will contribute to community resilience

CONTACT US

- Brief description of infrastructure: what you are building and why?
- What are projected greenhouse gas (GHG) reductions?
- Partnerships with local governments and Indigenous Communities?
- High-level project costs
- Rough timeline (start and completion dates)
- What are your specific issues and questions?

Please email questions about your project to: claire.yick@gov.bc.ca


QUESTIONS?