

Opportunity Projects Program - 2020 Zero-Emission Vehicles Project Application Guide

The PICS Opportunity Projects Program call for proposals in 2020 includes a special one-off opportunity for a Zero-Emission Vehicles (ZEV) Project in addition to PICS' regular broad ask for innovative climate mitigation or adaptation solution ideas.

The BC Ministry of Energy, Mines and Petroleum Resources (EMPR), has provided funding for the ZEV project under the Province's CleanBC - Go Electric Program, which is designed to encourage and accelerate the adoption of ZEVs for both environmental and economic benefits. Projects under this call for proposals are meant to provide research that will support the development of British Columbia (BC)-based ZEV technology and related infrastructure. The following vehicles are considered ZEVs: battery-electric, plug-in hybrid electric, and hydrogen fuel cell.

The funds that have been provided for the ZEV project are meant to support collaborative research efforts to develop a highly skilled workforce and increase technology development in BC. This is intended to support economic growth in the province's ZEV sector, as well as the increased deployment of ZEVs throughout BC. Priority will be given to project applications that can demonstrate training of a highly-skilled ZEV research and development workforce and/or ZEV and related infrastructure technology innovation that will support growth of a BC-based ZEV clean tech sector.

As with all PICS projects, the research must be of importance to British Columbia. In addition, applicants must clearly articulate how project objectives are directly related to ZEV adoption and deployment.

The Province of British Columbia wishes to realize the following outcomes through ZEV-related research initiatives such as the Opportunity Projects Program:

- An increase in the number of post-graduates with ZEV research and development expertise in BC.
- An increase in the number of BC-developed technologies, jobs and economic value of the ZEV sector in BC.
- A reduction in greenhouse gas emissions from the BC transportation sector.
- An increase in ZEV deployment in BC.
- An increase in the adoption of cleaner transportation options in BC.

Budget: The total amount of funding for this initiative is \$180,000.



All guidelines and details for proposals in this category are the same as those found in the PICS [Opportunity Projects Program Guide for Applicants](#) except for Reporting Requirements.

It should also be noted that under the Opportunity Projects Program Guide, EMPR will not take on the role of Solution Seeker for projects.

Reporting Requirements for ZEV projects:

Semi-annual reports including:

1. Financial statements detailing the use of the funds;
2. Proposed spending plan for the remaining funds;
3. Timeline for project deliverables, and progress against that timeline;
4. Identified problems, concerns, lessons learned, recommendations; and,
5. Project feedback and frequently asked questions.

The final report will be due no later than 60 days after the project end date and will include:

- Overall project summary, project highlights, and description of outcomes;
- Quantitative and qualitative description of the accomplishments and successes of the project;
- Challenges faced, and solutions found; and
- Information on results (negative or positive) that were not anticipated.

All publications resulting from this ZEV project must contain the following acknowledgements:

“We gratefully acknowledge the financial support of the Province of British Columbia through the Ministry of Energy, Mines and Petroleum Resources and of the Pacific Institute for Climate Solutions.”