

PIEVC Program Statistics: July, 2022

1. Projects: Canada

Table 1: Confirmed PIEVC Assessments Completed or Underway, July 2022

Infrastructure category	Number of completed assessments ¹	Assessments initiated, March 2020 to present ²
Buildings (all types, inc. commercial)	23	11
Water, wastewater, stormwater	22	9
Roads, highways, bridges, canals, railway, and associated structures	12	5
Urban transit systems	1	5
Coastal infrastructures and ports (inc. search and rescue stations)	13	11
Airports (inc. terminals)	7	5
Utilities (inc. power distribution, wind, solar energy)	5	3
Indigenous/First Nations	8	1
Other ³	1	9
Total	92	59

¹These figures do not include all uses of the PIEVC Protocol for Infrastructure Canada's Climate Lens requirement. Note that some assessment reports are not published due to confidentiality issues. Not included here are assessments that have been completed using the PIEVC Protocol, but did not include submission of an NDRA or final report to the PIEVC Program.

²Includes 16 reported climate Lens-related assessments and Federal Government projects with no NDRAs. Includes one international assessment initiated by a Canadian entity. Includes FN-PIEVC application in Cree Nation of Nemaska.

³Includes infrastructure scans, comprehensive infrastructure assessments across wide geographic areas (e.g., regional, territorial), contaminated sites, flood-specific assessments, park/recreational infrastructure, solid waste.

2. Projects: International

Table 2: International PIEVC Assessments¹

Project	Year	Type of infrastructure assessed
City of Limon, Costa Rica	2010-2011	Stormwater and wastewater
Road Bridges, Honduras	2013-2014	Four road bridges
Guanacaste Province, Costa Rica	2017-2021	Regional water supply (16 water agencies)
La Guardia Bridge, Guanacaste Province, Costa Rica	2017-2019	Road bridge
Itajai Port, Brazil	2018-2020	Port facilities
Electrosul Hydro Authority, Brazil	2018-2020	Transmission lines
Nile Basin	2018-2020	Hydro-electric and water control dams
Cai Lon-Cai Be Sluice Gate, Vietnam	2018-2022	PIEVC assessment of the planned Cai Lon-Cai Be Sluice Gate (largest sluice gate in Vietnam)
Impacts and risks of climate change to Brazilian coastal public ports	2021	PIEVC Portfolio Screening of 21 coastal ports
Cai Lon-Cai Be Sluice Gate, Vietnam	2021	PIEVC update of Cai Lon-Cai Be (post construction), including ex-post cost-benefit analysis regarding two adaptation options based on PIEVC assessment results
Sluice gates in Kien Giang Province, Mekong Delta, Vietnam	2021	PIEVC Portfolio Screening of 84 small and medium sized sluice gates in Kien Giang Province, Mekong Delta, Vietnam
Assessment of 3 new ports, Brazil	ongoing	Coastal ports (3 ports)
Metalong Dam and related infrastructure, Kingdom of Lesotho	ongoing	PIEVC assessment of major dam, related infrastructure, and services to downstream communities, with a disaster risk management and policy lens

¹Includes confirmed and ongoing assessments

3. Training

Table 3: Training Sessions in Canada, 2016 to Present

Session	Participants
Participants in the CRI IRP PIEVC course, July 2020 to present ¹	>350
OFNTSC, 2 National FN-PIEVC Training Sessions to Federal Government representatives	38
OFNTSC, 10 Regional FN-PIEVC Training Sessions for Ontario First Nation communities	142
Winnipeg MB, Government of MB, June 2016	27
Toronto, ON, Ontario Ministry of Environment, May 2017	33
St. John's NL, Government of NL, March 2018	75
Waterloo ON, City of Waterloo, September 2016	26
Victoria BC, City of Victoria Regional District, November 2017	25
Vancouver BC, EC and Planning Institute of BC, February 2016	35
Gatineau QC, Engineers Canada, June 2016	18
On-Line, Engineers Canada, April 2018	43
On-Line, Engineers Canada, April 2019	72

Table 4: International training Sessions, 2016 to present

Session	Participants
San Salvador, El Salvador, IADB, December 2016,	25
San Jose, Costa Rica, IADB, October 2017,	~50
San Jose, Costa Rica, CFIA and AyA, June 2018,	~50
Jakarta, Indonesia, GIZ and Islam DB, November 2018	30
GIZ CSI Program – PIEVC and accompanying training sessions in Brazil, Costa Rica, Ethiopia, Uganda and Vietnam, 2017-2021	312 (complete)

4. Additional PIEVC Program Statistics

Table 5: Additional PIEVC Program statistics concerning uptake of resources, course participants, published reports

Item	#
Term NDRAs issued ¹	3
Registered PIEVC HLSG Access (released on Feb. 1, 2022) ²	192
Published reports on PIEVC.ca (Canada) ³	80
Published reports on PIEVC.ca (International) ³	8

¹The Term NDRA will allow Protocol users to undertake multiple PIEVC Protocol assessments over a multi-year term using a single NDRA.

²Users that have registered to use the on-line version, or have requested a PDF copy of the PIEVC HLSG since its release on Feb. 1, 2022.

³Including 21 published since March, 2020.