



Institute for Catastrophic  
Loss Reduction

Building resilient communities

Institut de prévention  
des sinistres catastrophiques

Bâtir des communautés résilientes

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**Institute for Catastrophic Loss Reduction, Climate Risk Institute and GIZ announce agreement to assume control of the PIEVC Protocol from Engineers Canada**

Toronto, Ontario: Today, the Institute for Catastrophic Loss Reduction, Climate Risk Institute and Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH jointly announce that an agreement has been reached with Engineers Canada to assume the Public Infrastructure Engineering Vulnerability Committee – or PIEVC – program, including the PIEVC Protocol.

Since 2008, the Protocol has been applied to assess climate risks and vulnerabilities across a wide range of infrastructure systems in Canada including: buildings (residential, commercial and institutional); storm water/wastewater systems, roads and associated structures (e.g. bridges and culverts), water supply and management systems, electricity distribution and airport infrastructure. More than 70 infrastructure risk assessments have been completed across Canada using the Protocol. The Protocol has also been used internationally. Development of the PIEVC program was funded by Natural Resources Canada (NRCan).

According to Gerald McDonald, Chief Executive Officer of Engineers Canada: “Our Board of Directors took the decision to divest the Protocol to an entity that would ensure the program continued to receive the attention and investments it needs to effectively service private industry, indigenous communities and all levels of federal government as well as interested parties outside the country. We are very confident that the Protocol is going to a group that recognizes the importance of climate resilience in our critical infrastructure and will ensure that the program will survive and thrive in the years ahead.”

Says Paul Kovacs, Executive Director of ICLR: “Every year, severe weather causes significant damage and disruption to property and infrastructure - both public and private - across the country and around the world. As our climate continues to warm, these impacts will only become more acute, making such tools as the PIEVC Protocol critical in decision-making processes to make critical infrastructure more resilient. The partnership of ICLR/CRI/GIZ will ensure that the PIEVC Protocol remains as the preeminent tool to ensure that both existing and the next generation of critical infrastructure is retrofitted/built to handle the climate of the future.”

Both ICLR and CRI will partner to manage all aspects of the protocol as it is used in Canada. GIZ will continue to manage all aspects of PIEVC as it is utilized internationally.

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## **About the Institute for Catastrophic Loss Reduction**

Established in 1997 by Canada's property and casualty insurers, the Institute for Catastrophic Loss Reduction is an independent, not-for-profit research institute based in Toronto and at Western University in London, Canada. The International Council for Science designated the Institute as an International Centre of Excellence in integrated research on disaster risk. The Institute is also a founding member of the Global Alliance of Disaster Research Institutes. The Institute's research staff are internationally recognized for pioneering work in a number of fields including wind and seismic engineering, atmospheric sciences, water resources engineering and economics. Multi-disciplined research is a foundation for the Institute's work to build communities more resilient to disasters.

## **About Climate Risk Institute**

The mission of the Climate Risk Institute is to provide domestic and international stakeholders, decision-makers and governments with the climate services they require to build resilience to extreme weather and climate change. In collaboration with partners and clients, CRI selects and tailors climate datasets and applies analytical tools based on a strong understanding of the region, sector, and issue in question. CRI also provides interpretive services and decision-support to help identify opportunities, and prioritize options, for building climate resilience into all relevant aspects of policy, programs, strategy, planning and operations. CRI takes a strongly collaborative approach to harness the wisdom of local experience and knowledge, and the critical insights that result from well-run, interdisciplinary processes. Outcomes include greater awareness and understanding of climate change information to support decisions, and clear, defensible and measurable resilience plans.

## **About Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH**

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## **About Engineers Canada**

Engineers Canada is the national organization of the 12 engineering regulators that license the country's 280,000 members of the profession. Together, we work to advance the profession in the public interest. [www.engineerscanada.ca](http://www.engineerscanada.ca)

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