



CSCE and ISI Partner to Accelerate the Use of the Envision® Sustainable Infrastructure Framework in Canada

Communities across Canada are looking for ways to improve the sustainability and resiliency of the built environment, address infrastructure deficits, spur economic recovery, and meet climate change commitments. Recognizing the importance of these crucial goals, the Canadian Society for Civil Engineering (CSCE) and the Institute for Sustainable Infrastructure (ISI) are pleased to announce their partnership to accelerate the use of the Envision® sustainable infrastructure framework more broadly in Canada.

In Canada there are over 380 credentialed Envision Sustainability Professionals (ENV SPs)—people who are trained in the use of Envision—and 11 infrastructure projects that have earned Envision awards for sustainability, including Infrastructure Canada’s Samuel de Champlain Bridge project in Montréal, Quebec, the Surrey Biofuel Facility in Surrey, British Columbia, and most recently the Northeast False Creek Renewal and Development project in Vancouver, British Columbia.

The purpose of this partnership is to expand the adoption of Envision in Canada to accelerate the shift toward the widespread development of sustainable civil infrastructure.

Envision, which has been implemented on more than 100 billion dollars’ worth of infrastructure in the US, Canada, and overseas, is a proven tool to enhance societal health and wellbeing, protect the natural environment, address the climate crisis, and boost prosperity. Working together, and in close collaboration with Canada’s architecture, engineering, and construction industry, CSCE and ISI will increase the use of Envision to plan, design, and deliver more sustainable infrastructure.

ISI’s president and CEO, Mr. Anthony Kane, is delighted to be collaborating with CSCE. He explains: “CSCE is our ideal partner to help accelerate the use of Envision. Our two organizations share a common desire to improve civil infrastructure, which includes providing training and tools to the civil engineering profession to achieve this goal.”

Dr. Brenda McCabe, CSCE president and professor Emerita at the University of Toronto, agrees and says: “Canada has a global reputation for high-quality, innovative engineering for sustainable development. Adding Envision to civil engineers’ toolkits to further improve the sustainability, equity, and resilience of Canada’s built environment is exciting and noteworthy. We are proud to collaborate with ISI on this important journey.”

“The timing of this partnership couldn’t be better,” says Melissa Peneycad, ISI’s managing director and Canadian representative, “as Canada—and indeed the world—is looking for proven approaches like Envision to build back better and lay the foundation necessary for a sustainable future.”

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About Envision

Envision® is a holistic sustainability framework and rating system that enables a thorough examination of the sustainability and resiliency of all types of civil infrastructure. It is the only comprehensive tool in North America that can assist government agencies and their consultants and contractors in delivering infrastructure that tackles climate change, addresses public health needs, cultivates environmental justice, creates jobs, and spurs economic recovery.

About ISI

ISI is a nonprofit education and research organization based in Washington, DC. ISI was established in 2010 by the American Public Works Association, the American Society of Civil Engineers, and the American Council of Engineering Companies. ISI then partnered with the Zofnass Program for Sustainable Infrastructure at Harvard University to develop the Envision sustainable infrastructure framework and rating system.

About CSCE

The CSCE is a not-for-profit learned society created to develop and maintain high standards of civil engineering practice in Canada and to enhance the public image of the civil engineering profession.