



**2023**  
**ACCELERATE**  
**ACTION** NOVEMBER 7-9

Prioritizing sustainable infrastructure for climate change

ISI's annual virtual conference delivers actionable strategies and insights to advance sustainable infrastructure across three days.

The conference features over 10 hours of presentations and networking opportunities including two hours of prescribed education for Envision Sustainability Professionals (ENV SPs). By attending, ENV SPs earn all of their annual education hours.

Anyone interested in learning more about the latest trends, technologies, and practices in sustainable infrastructure is encouraged to attend.

For the fourth annual virtual conference, ISI anticipates another broad-reaching event with critical presentations by today's sustainable infrastructure leaders.

▶ [\*\*ACCESS THE CONFERENCE\*\*](#)



Tuesday, November 7<sup>TH</sup>, 2023



11:00 am – 12:00 pm

**OPENING KEYNOTE**

**UNECE’s Innovative Path to Sustainable Development through Public-Private Partnerships**

This keynote presentation delivered by Tony Bonnici, Chief of Section, Cooperation and Partnerships Section, UNECE, will center around the United Nation’s Economic Commission for Europe’s (UNECE) innovative approach to Public-Private Partnerships (PPPs) for the Sustainable Development Goals (SDGs).

Mr. Bonnici will delve into how the UNECE strategically employs PPPs to drive forward infrastructure projects that align with the SDGs and contribute to the Agenda 2030. His keynote will also highlight the tools and resources that UNECE provides, showcasing how these tools facilitate and enhance the success of PPPs in the pursuit of sustainable development and the fulfillment of the SDGs.

**Speaker:** Tony Bonnici, Chief of Section, Cooperation and Partnerships Section, UNECE

**Moderator:** Anthony Kane, President & CEO, Institute for Sustainable Infrastructure

12:00 pm – 1:00 pm

**NETWORKING SESSIONS**

Join this networking session to connect with ISI’s community and discuss the topic outlined.

**Registration is required and networking sessions are limited to 10 participants.**

Room	Topic	Moderator
1:	Envision as an overall sustainability philosophy	Bob Beinstein, ESG Market Lead, Americas, AECOM
2:	Using Envision in community-scale resilience and sustainability planning	Michael Bloom, Sustainability Practice Manager, Sengineering, LLC
3:	Share your thoughts with ISI: How can we help Envision project owners be successful?	Scott Marvel, Verification Specialist, ISI
4:	Share your thoughts with ISI: How can we help make Envision more accessible to economically distressed communities?	Abdel Mustafa, Verification Specialist, ISI
5:	Share your thoughts with ISI: How can we help Envision project teams be successful?	Kailey Eldredge, Verification Specialist, ISI
6:	Q&A with ISI's Verification Director	Kristi Wamstad, Verification Director, ISI
7:	Sustainable construction practices	Quin MacKenzie, Co-Founder and Consultant, Iuuceo consulting inc.

Tuesday, November 7<sup>TH</sup>, 2023



1:00 pm – 2:00 pm	<p><b>SESSION 1A:</b> <b>Owner’s Perspective: Organizational Adoption of Envision</b></p> <p>From integrating the framework programmatically into capital plans to deploying it on an individual project basis, this panel takes the pulse of the current state of adoption. Three public agencies share valuable insights and lessons for a new era of owner-led collaboration.</p> <p><b>Panelist:</b> Dr. Patricia Gómez, Deputy Chief Resilience Officer, Miami-Dade County</p> <p><b>Panelist:</b> Josh DeFlorio, Chief, Resilience &amp; Sustainability, PANYNJ</p> <p><b>Panelist:</b> Sam Bender, Water and Wastewater Process Engineer, Holland Board of Public Works</p> <p><b>Moderator:</b> Bob Beinstein, ESG Market Lead, Americas, AECOM</p>	<p><b>SESSION 1B:</b> <b>Contractor’s Perspective: Lessons on Envision Adoption</b></p> <p>A deep dive into Envision application with perspectives from Canada and the U.S. Ulliman Schutte’s extensive experience in delivering wastewater treatment projects, and Aecon Group’s impressive track-record in infrastructure development and construction north of the border are highlighted.</p> <p><b>Panelist:</b> Clément Boisselier, Specialist, Sustainability and Environment, AECOM</p> <p><b>Panelist:</b> Scott Crowder, Project Executive, Ulliman Schutte Construction</p> <p><b>Moderator:</b> Amanda Schweickert, Project Director Sustainability, Energy and Climate Change, WSP</p>
2:00 pm – 2:30 pm <b>BREAK</b>		
2:30 pm – 4:30 pm	<p><b>ENV SP CREDENTIAL MAINTENANCE COURSE:</b> <b>Climate Resilience and Adaptive Infrastructure</b></p> <p>The course delves into the Envision framework’s CR2.x credits (CR2.2-CR2.5), highlighting resiliency practices which can bolster sustainable development in the face of climate change. Through a comprehensive exploration, attendees will gain insights into assessing climate vulnerabilities, developing resilient strategies, engaging stakeholders, and effectively monitoring and measuring project resilience. This course will count for two prescribed hours for your ENV SP credential maintenance.</p> <p><b>Speaker:</b> Leslie Brunell, Education Director, Institute for Sustainable Infrastructure</p> <p><b>Speaker:</b> Ted Marcelo, Senior Learning Technologist, Institute for Sustainable Infrastructure</p>	

Wednesday, November 8<sup>TH</sup>, 2023



10:00 am – 11:00 am

## PROJECT SHOWCASE

### Head of the Class: Three Trailblazing Sustainability Projects

In this session, ISI is proud to feature three Envision-awarded projects that improve port efficiency, safety and operations (The Fairview Cove Marine Container Examination Facility Project in Halifax, Nova Scotia), transform bike path infrastructure and greenspace (The Los Angeles River Way, San Fernando Valley Completion [Vanalden to Balboa] Project), and innovatively convert waste to energy while supporting regional self-sufficiency in waste management (The BioPiattaforma di Sesto San Giovanni Project near Milan, Italy).

**Project:** Fairview Cove Marine Container Examination Facility Project

**Speaker:** Jill Roth, Senior Consultant, Iuuco

**Project:** BioPiattaforma di Sesto San Giovanni Project

**Speakers:** Sylvia Cartosio, Business Process Manager, Gruppo CAP

Arianna Saino, Design and Work Supervisor, Gruppo CAP

**Project:** Los Angeles River Way, San Fernando Valley Completion Project (Vanalden to Balboa)

**Speaker:** Andrew Nickerson, Vice President / Principal, PSOMAS

**Moderator:** Kristi Wamstad, Verification Director, ISI

11:00 am - 12:00 pm

## KEYNOTE

**Speaker:** Sadhu Johnston, Former City Manager of Vancouver, co-author of “The Guide to Greening Cities”

**Moderator:** Anthony Kane, President & CEO, Institute for Sustainable Infrastructure

Wednesday, November 8<sup>TH</sup>, 2023



12:00 pm – 1:00 pm

### NETWORKING SESSIONS

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Room	Topic	Moderator
1:	Educating executives on Envision	Margaret (Meg) Cederoth, Director of Planning and Sustainability, California High-Speed Rail Authority
2:	Tools for implementing sustainable planning, design, & construction	Sofía Zuberbühler-Yafar, Assistant Commissioner, New York City Department of Design and Construction
3:	What should be included in LD1.1 leadership sustainability commitments?	Hélène Dubé, Environment and Sustainability Manager, SNC-Lavalin
4:	Share your thoughts with ISI: How can we help Envision project owners be successful?	Scott Marvel, Verification Specialist, ISI
5:	Share your thoughts with ISI: How can we help make Envision more accessible to economically distressed communities?	Abdel Mustafa, Verification Specialist, ISI
6:	Share your thoughts with ISI: How can we help Envision project teams be successful?	Kailey Eldredge, Verification Specialist, ISI
7:	Q&A with ISI's Verification Director	Kristi Wamstad, Verification Director, ISI

Wednesday, November 8<sup>TH</sup>, 2023



1:00 pm – 2:00 pm

**SESSION 2A:**  
**Making Connections: Advancing Transit Sustainability**

Holistic approaches to sustainability and project planning in current transit projects, combined with historic infrastructure investments, have made it possible to prioritize resilience and adaptation, equity and inclusivity, environmental considerations, and economic vitality — all at the same time. We've assembled a panel of transit sustainability leaders to discuss how their current infrastructure renewal projects align with the goals of enhancing sustainability and delivering more for communities.

**Panelist:** Denis Martynowych, Senior Sustainability Planner and Designer, Sound Transit

**Panelist:** Kate Aglitsky, Environmental Management System and Sustainability Director, MTA C&D

**Panelist:** Rob Borowski, Sustainability Officer, Capital Metro

**Moderator:** Kailey Eldredge, Verification Specialist, Institute for Sustainable Infrastructure

**SESSION 2B:**  
**Perspectives on Envision and Resilience in Water and Wastewater**

Striving for clean water and sanitation services for all — and much else besides. The outstanding projects highlighted in this session respond effectively to aging infrastructure issues, help bring communities together, and take on the work of combatting climate change.

**Panelist:** Jennifer Ninete, Senior Sustainability Consultant, HDR

**Panelist:** Richard Fernandez, Senior Civil Engineer, City of San Diego

**Moderator:** Sharon Wright, Florida Resilience Practice Lead, HDR

2:00 pm – 2:30 pm

**BREAK**

Wednesday, November 8<sup>TH</sup>, 2023



2:30 pm – 3:30 pm

**SESSION 3:**  
**Understanding Your Stakeholders Through Two-Way Communication**

Early and consistent engagement is crucial for successful project outcomes. Two industry veterans will describe examples of projects that effectively used communication with external stakeholders to support impact assessment, mitigation measures, continuous improvement, and delivery of multiple community benefits.

**Panelist:** Carolyn Chiu, Senior Project Manager, SFPUC

**Panelist:** Supriya Murthy, VP Sustainable Operations, Arcadis

**Moderator:** Leslie Brunell, Education Director, Institute for Sustainable Infrastructure

3:30 pm – 4:30 pm

**SESSION 4:**  
**Reducing Embodied Carbon in the Built Environment**

Industry players are actively exploring and adopting sustainable concrete solutions, as concrete is a major contributor to carbon emissions in civil infrastructure projects. Our panelists will explore initiatives such as collaborations that are working to lower embodied carbon impacts through a specific focus on concrete, pioneering airfield projects that use carbon-capture technology, and a global certification system for responsibly sourced ready-mixed and precast concrete.

**Panelist:** Alexandra Davis, Senior Sustainability Consultant, C&S Companies

**Panelist:** Michael Scharpf, Vice-Chair, Concrete Sustainability Council

**Panelist:** Tiffany Reed-Villarreal, Director Sustainability Standards and Codes, National Ready Mixed Concrete Association

**Moderator:** Kristi Wamstad, Verification Director, Institute for Sustainable Infrastructure

Thursday, November 9<sup>TH</sup>, 2023



10:00 am – 11:30 am

### POSTER SESSIONS

To help us answer the critical questions facing the infrastructure industry today, students and professionals will present posters related to sustainability and application of the Envision framework.

Additional information can be found on the [conference event platform](#).

**Moderator:** Leslie Brunell, Education Director, Institute for Sustainable Infrastructure

11:30 am – 12:00 pm

### BREAK

12:00 pm – 1:00 pm

### KEYNOTE

**Speaker:** Dr. Feniosky Peña-Mora, Dean of Engineering and Science – Tecnológico de Monterrey, Member, ISI Board of Directors and ASCE President-Elect

**Moderator:** John Williams, CEO, Autocase



Thursday, November 9<sup>TH</sup>, 2023



1:00 pm – 2:00 pm

### NETWORKING SESSIONS

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Room	Topic	Moderator
1:	Updating specifications to include sustainable features	Sofia Zuberbühler-Yafar, Assistant Commissioner, New York City Department of Design and Construction
2:	Envision use in relation to biodiversity and environmental management systems	Hélène Dubé, Environment and Sustainability Manager, SNC-Lavalin
3:	Envision as overall sustainability philosophy	Bob Beinstein, ESG Market Lead, Americas, AECOM
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Thursday, November 9<sup>TH</sup>, 2023



2:00 pm – 3:00 pm

**SESSION 5A:**  
Clean Energy Transformation, Renewables and Beyond

As never before, the energy needed to support infrastructure development and community needs is increasingly coming from clean and renewable sources. We get two perspectives on America's race to a clean-energy future. Alan Arnold will share his involvement in sustainability planning for many large utility-scale gas, wind and solar energy projects, utilizing in large part the Envision framework, while Marc Melaina will discuss the Department of Energy's hydrogen and fuel cell technology initiatives and how they align with the Department's Justice40 Initiative.

**Panelist:** Alan Arnold, Environmental Renewables Program Manager, Alliant Energy

**Panelist:** Marc Melaina, Senior Advisor, US Department of Energy, Hydrogen and Fuel Cell Technologies Office, Boston Government Services (contractor)

**Moderator:** Oscar Cortés, FEMCIC, Envision Coordinator

**SESSION 5B:**  
Integrating Sustainability in Our Airports

Airport infrastructure improvement projects come with unique challenges compared to other types of civil infrastructure and in this session we will hear from two industry leaders who are confronting those challenges head-on, boldly incorporating sustainability into project planning, design, and delivery.

**Panelist:** Erin Cooke, Sustainability + Environmental Policy Director, SFO

**Panelist:** Melissa Targett, Senior Program Manager, Sustainable Design, PANYNJ

**Moderator:** Kailey Eldredge, Verification Specialist, Institute for Sustainable Infrastructure

Thursday, November 9<sup>TH</sup>, 2023



3:00 pm – 4:30 pm

**SESSION 6:**  
**Anticipating Shocks and Stressors Disaster Risk Reduction**

Extreme weather events, sea-level rise, and many other climate events have dramatically exposed weaknesses in our current infrastructure, and often highlight how disruption in one infrastructure system can have cascading effects on others. Four experts weigh in with strategies and tools which, while they present some differences by region and infrastructure type, share a common goal: reducing vulnerability and enhancing long-term sustainability in the face of a changing climate.

**Panelist:** Amy Shatskin, Sustainability Director, Sound Transit

**Panelist:** Carol Haddock, Director, Houston Public Works

**Panelist:** Elijah Hutchinson, Executive Director, NYC Mayor’s Office of Climate and Environmental Justice

**Moderator:** Anthony Kane, President & CEO, Institute for Sustainable Infrastructure



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# PLATINUM



## HDR

We believe that the way we work can add meaning and value to the world. That ideas inspire positive change. That coloring outside the lines can illuminate fresh perspectives. And that small details yield important realizations. Above all, we believe that collaboration is the best way forward.

We specialize in engineering, architecture, environmental and construction services. While we are most well-known for adding beauty and structure to communities through high-performance buildings and smart infrastructure, we provide much more than that. We create an unshakable foundation for progress because our multidisciplinary teams also include scientists, economists, builders, analysts and artists.

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**Point of Contact:** [Jennifer Ninete, Sr. Sustainability Consultant](#)



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AECOM is the world's trusted infrastructure consulting firm, delivering professional services throughout the project lifecycle – from advisory, planning, design and engineering to program and construction management.

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**Point of Contact:** [Jean Lynch, Global Environment Marketing and Communication Manager](#)

# GOLD



## ARCADIS

Arcadis is the world's leading company delivering intelligence-driven sustainable design, engineering, and consultancy solutions for natural and built assets. We are more than 36,000 people all driven by our passion for improving quality of life. We do this by creating livable places where people and communities can thrive. We enhance mobility, so that we can sustainably move in and between our cities. And we work to protect the environment and natural resources for future generations.

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**Point of Contact:** [Ifetayo Venner, Ifetayo Venner, Senior Vice President](#)



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**Point of Contact:** [Ryan Prime, Sustainability Practice Leader](#)

# GOLD



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**Point of Contact:** [Amanda Schweickert PE, LEED AP BD+C, ENV SP](#)

# SKANSKA

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**Point of Contact:** [Myrrh Caplan, National Vice President – Sustainability](#)

# GOLD



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At Burns & McDonnell, our engineers, construction professionals, architects, planners, technologists and scientists do more than plan, design and construct. With a mission unchanged since 1898 — make our clients successful — our more than 13,500 professionals partner with you on the toughest challenges, constantly working to make the world an amazing place. Each professional brings an ownership mentality to projects at our 100% employee-owned firm, which has safety performance among the top 5% of AEC firms. As dedicated owners, we work through challenges until they're resolved, meeting or exceeding our clients' goals. We apply this commitment to our communities, too. We live and work in the same cities you call home, so we share a passion to keep them strong and healthy. From fundraising events and community cleanups to educational outreach and mentorship — especially when it comes to sharing our passion for STEM — our professionals work to make our communities thrive.

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**Point of Contact:** [Doug Dietrich, Sustainability Manager](#)



# SILVER



## RVA

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We are an employee-owned community and an award-winning culture carrying forth a proud legacy of 75 years of engineering excellence, which has grown to a thriving organization of over 400 professionals. We work together across geographic, functional, and business lines to deliver dynamic solutions that are based in trust and informed decision-making. At the core of our brand is our values connecting people, projects, and planet.

As part of our firm's ongoing commitment to our values, we are proudly an Envision Qualified Company, ISO 45001 certified, and a proud member of the Canadian Council for Aboriginal Business.

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**Point of Contact:** [Tisha Doucette, Ecology Team Leader / Senior Planning Ecologist](#)



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**Point of Contact:** [Clément Boisselier, Specialist, Sustainability and Environment](#)



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[www.sustainableinfrastructure.org](http://www.sustainableinfrastructure.org)

