2026 ISI ANNUAL CONFERENCE
Envision the Future of Sustainability

Wednesday, November 4

10:30 AM

CONFERENCE OPENING
Anthony Kane, President and CEO, ISI

11:00 AM

OPENING KEYNOTE
Matt Scott, Project Drawdown

11:30 AM

12:00 PM

PANEL 1

Making Construction Decarbonization Real: Lessons from Envision Projects

Moderator: Clement Boisselier, Aecon
Patrick Lacombe, Pomerleau
Elsa Langill, Port of Vancouver
Lauren Roy-Grégoire, Port of Quebec

PANEL 2

Designer, Builder & Owner Collaborations for Sustainability

Moderator: Howard Lusk, Jacobs
Bayanne Alrawi, Jacobs
Jonathan Knoll, Walsh Group
James Wood, DFW International Airport

PANEL 3

Embodied Carbon in Bridges

An interactive design decision game balancing carbon, cost, and construction schedule

Moderator: Peter Wang, HNTB
Ken Donald, VHB
Cierra Ford, VHB

12:30 PM

1:00 PM

Poster presentation order as shown.

POSTER SESSION 1

Moderator: Leslie Brunell, ISI

Academic Poster, Student

Digital Geospatial Intelligence for Sustainable and Resilient Infrastructure – Integrating GIS, GPS, AI, and Digital Twins for Sustainable Infrastructure Delivery
Indira Prasad, Stevens Institute of Technology

Comparative Evaluation of Infrastructure Sustainability Rating Systems
Roza Afaz, University of Windsor
Bragaaruthi Nandakumar, University of Windsor

A Metric-based Framework for Evaluating Lifecycle Carbon of Designs to Extend Bridges' Service Life in Canada
Weiwei Chen, McMaster University

Bluleaf: Designing a Sustainable and Resilient Data Center
Daniel Geystrin and Janine Choy, The Cooper Union

Academic Poster, Professional/Faculty

Simulunda-Sindowe Pedestrian Bridge (Zimba District, Southern Province, Zambia)
Libby Jones, University of Nebraska

Integrating Sustainability in Environmental Engineering Capstone Design
Ramanitharan Kandiah and Krishna Kumar Nedunuri, Central State University

POSTER SESSION 2

Moderator: Lindsey Nelson, ISI

Academic Poster, Student

Utilizing the Envision Rating System to Assess Sustainable Infrastructure Design in a Civil Engineering Capstone Project
Erin Glowatz, Amelia Thieman, and Travis Judson
Rose-Hulman Institute of Technology

Project G.R.C. – Green Resilient Compute Campus
MD Rasel, Muhatasim Fuad Hridoy, Fahim Nuzhat Zahin, Dibakar Chandra Singha Kabya, and Atif Alam
Chittagong University of Engineering & Technology

Creating an Equitable Clean Energy Marketplace in the City of Riverside, California: A Community-Centered Framework for Sustainable Infrastructure Investment
Tatiana Torres, Harvard University Extension School

Functionally Graded Materials for Sustainable and Resilient Infrastructure
Farid Ahmad Niazi, Bursa Technical University

Academic Poster, Professional/Faculty

Understanding Persistent Barriers that Inhibit the Transition from Asset-based Infrastructure Delivery to Integrated, Sustainable Infrastructure Systems
Leticia Solaun, University of Florida; Suzanne Moreland, AECOM

Advancing Zero-Emission Bus (ZEB) Fleets
Jason Leung and Kat Lee, AECOM

1:30 PM

2:00 PM

Education session presentation order as shown.

EDUCATION SESSION 1

Moderator: Clément Boisselier, Aecon Group Inc.

Sustainable Procurement and Materials Selection for Better Outcomes

Sustainable Infrastructure Development: Impact, Resilience and Regeneration
Dmytro Kovhanich, FIABCI-Europe
Alissa Bankovska, FIABCI-Ukraine
Antin Kushnir, MD

Extending Service Life, Reducing Embodied Carbon: Two Rehabilitation Case Studies for Sustainable and Resilient Concrete
Lesley Ko, P+Ex
David Whitmore, Vector Corrosion Technologies

Integrating Envision into Procurement: Strategic Approaches and Implementation Insights
Pia Abercromby, COWI
Colleen Hutchison, COWI

Strategies for Sustainable Product Procurement in Envision
Lionel Lemay, ConcreteNexus LLC

EDUCATION SESSION 2

Moderator: Brad Moore, Stantec

Best Practices in Sustainable Infrastructure

Inclusion, Diversity, Equity, and Accessibility with Climate-Resilient Infrastructure Processes
Stephanie Poirer, Standards Council of Canada
Nancy Mitchell, Toronto Metropolitan University

Advancing Sustainable Floodplain Development: Integrating Distributed Detention within Pervious Parking Infrastructure to Enhance Resilience and Land Efficiency
Akshay Dumbre, Arcadis
Aashish Khandelwal; Princeton Critical Minerals

Embedding Envision, Part 2: Turning Principles into Practice
Ivana Nitzova, Wade Trim
Carly Keough, SLR International Corp.

Deploying a Hyper-local Index of Vulnerability to Environmental Risks at Port Corpus Christi
Jeffrey Pollack, Port of Corpus Christi Authority
Richard Smith, Conrad Blucher Institute for Surveying and Science at TX A&M Corpus Christi

EDUCATION SESSION 3

Moderator: David Abraham, Rice University

Envision in Curriculum

Engineering Student Development through Authentic Sustainability Projects Using the Envision Framework
Shannon Parks, University of Pittsburgh at Johnstown

Envision for Sustainability Qualification in Clarkson University Civil & Environmental Engineering Capstone Projects
Erik Backus, Clarkson University

Integrating Envision in Engineering Courses: A Multi-institute Discussion of Curricular Examples
Jeong Ahn, Cooper Union
Jennifer Mueller, Rose-Hulman Institute of Technology
Rebekah Oulton, Cal Poly SLO
Fethiye Ozis, Carnegie Mellon University
Shannon Parks, University of Pittsburgh at Johnstown

Integrating Envision Throughout the Capstone Design Process
Fethiye Ozis, Carnegie Mellon University
Sarah Christian, Carnegie Mellon University

2:30 PM

3:00 PM*

***There will be a short break around 3:00 pm, during the education sessions.**

3:30 PM

4:00 PM

4:15 PM

Short Break

4:30 PM

PANEL 4

Sustainable Construction Outcomes: Fostering Strong Contractor Partnerships Across Delivery Methods

Moderator: Courtney Gantt, RS&H
Samantha Pinto, AUS International Airport
Jennifer Mattheis, Austin Bridge and Road
Juan Martinez, SLC International Airport
Tony Lau, SLC International Airport

PANEL 5

Sustainability from Start to Finish: Envision Implementation on the Federal Way Link Extension Project

Moderator: Catherine Sheane, Parsons
Sonja O'Claire, Sound Transit
Catherine Calvert, Sound Transit
Brian Ortiz, Parsons
Ed Chargualaf, Kiewit

EDUCATION SESSION/PANEL 6

Applying the Envision Framework to Municipal Infrastructure: Case Studies from the City of St. John's, Newfoundland and Labrador

Memorial University of Newfoundland

Moderator: Stephen E. Bruneau

Long Pond Flow Control Structure and Flood Mitigation Project: An Envision Credentialing Perspective
Bettegowda Jayaramu Aravind Chakravarthy

Transforming Galway Village Green into an Inclusive and Climate-Resilient Community Hub
Anjan Pokharel and Ashish Khanal

How Galway Village Green – Multi-Phase Development in Newfoundland, Canada Supports Sustainable Infrastructure Through the Envision Framework
Okechukwu Ezekwesili

Envision-Based Sustainability and Resilience Assessment of the Proposed Bowring Park Skating Loop
Phlinkee Faith Pradia and Maria Gonzalez

Canada Drive Active Transportation and Road Safety Improvements
Gyaltshen Sherpa and Hemant Khadka

5:00 PM

5:30 PM

2026 ISI ANNUAL CONFERENCE
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Thursday, November 5

10:30 AM — Education session presentation order as shown.

EDUCATION SESSION 4

Moderator: Cassidy Nosenzo, RS&H

Sustainability at Airports

Reconciling Thermal Comfort, Carbon Reduction, and Climate Resilience in Aviation Infrastructure: Emerging Integrative Strategies for Airports
Kelly Whealan George,
Embry-Riddle Aeronautical University

Institutionalizing Envision: Lessons from Denver's Infrastructure Department and Denver International Airport Implementation Approaches
Dana Hoffman, City of Denver
David Plakorus, City of Denver

Lessons from HCAA's MP1: Updating Sustainable Design and Procurement
Amie Acevedo, RS&H

Operationalizing Sustainability and Resilience in Airport Project Delivery: Lessons from Miami International Airport
Patricia Gomez Acevedo,
Miami-Dade County Aviation Department

Innovation on the Airfield: Designing Bird Deterrent Devices at SEA to Balance Safety, Maintainability, and Operational Performance
Jordan Singletary, RS&H

EDUCATION SESSION 5

Moderator: Ashley Metius, NV5

Beyond the Project: Systems Thinking for Lasting Impact

From Statewide Risk to Project-Level Resilience: Equipping IDOT to Pursue Envision Credits Across their Infrastructure Portfolio
Pierce Holloway, Resilient Analytics
Bryan Cross, Lochmueller Group

Proposed Approach to Integrate the Envision Framework and Value Methodology
Carlene Wong,
Metropolitan Water District of Southern California

ROI of Sustainability: Shifting the Mindset from Upfront Costs to Lifecycle Savings
Qian Zhang, GHD

Scaling Sustainability Across Infrastructure: Programmatic Envision Lessons from the Port of Long Beach
Scott Gallic, POLB
Jazz Peluchette, HDR
Shawn Choi, POLB

Building Sustainability into the New Mexico Department of Transportation DNA
Jerry Paz, Molzen Corbin & Associates
William Hutchinson, New Mexico DOT
Gerald Lujan, New Mexico DOT

EDUCATION SESSION 6

Moderator: Carly Shannon, Linx Strategies LLC

Sustainability in Practice

Delivering Better Outcomes: Envision Lessons from Alternative Project Delivery in Transit, Bridges, and Airports
Julia Adelman, Parsons
Catherine Sheane, Parsons

All Aboard! A Regional Transit Agency's Sustainability Journey
Sonja O'Claire, Sound Transit
Tan Lo Saeteurn, Stacy Witbeck/MRS
Melissa Wu, Jacobs

Closing the Loop: Envision Post Construction Documentation for Long Term Value
Brian Ortiz, Parsons
Sonja O'Claire, Sound Transit

Value Beyond Envision

Next Generation of Sustainable Urban Transit Infrastructure – Paris New Subway Line 15
Garrick Pierrefeu, Arcadis

One Tower, Three Acres: A Resilience Case for Rethinking Density in Coastal Cities
Ben Hutchens, Arquitectonica GEO

*There will be a short break around 12:00 pm, during the education sessions.

1:15 PM — Short Break

1:30 PM – 2:00 PM — NETWORKING SESSION

Embodied Carbon in Practice: Approaches, Challenges, and Lessons Learned

Reducing embodied carbon is becoming an increasingly important consideration for infrastructure projects. ***Join this interactive discussion*** on embodied carbon analysis, low-carbon material strategies, available tools and data sources, and experiences pursuing Envision Credit CR1.1 Reduce Net Embodied Carbon. The session will focus on practical lessons, common challenges, and emerging practices from across the industry.

Hosted by **HDR – Will Kirby and Chelsey Yan**

2:30 PM – 3:30 PM — *Project Showcase*

Moderator: Will Kirby, HDR

From Policy to Practice: Delivering Sustainable Infrastructure at the JFK RUGTC Project
Brian Ortiz, Parsons

Delivering Envision Platinum for the Bull Run Filtration Facility
Christopher Bowker, Portland Water Bureau
Brad Moore, Stantec
Gabriela Duarte, Stantec

Envision Strategies: Vancouver Fraser Port Authority's Holdom Overpass Project
Warren Mills, Vancouver Fraser Port Authority
Scott Smith, Mott McDonald

4:00 PM – 5:00 PM — CLOSING KEYNOTE PANEL

This executive panel brings together leaders from organizations shaping the frameworks, standards, and system that guide sustainable infrastructure worldwide.

Moderator: Anthony Kane, ISI

Marsha Anderson Bomar
President, ASCE
Transportation Strategic Advisor, GHD

Lorenzo Orsenigo
President & General Manager, ICMQ

Angélica Ospina
CEO, Consejo Colombiano de Construcción Sostenible (CCCS) / Colombia GBC

Peter Templeton
President & CEO, U.S. Green Building Council

5:30 PM