

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	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 <i>An interactive design decision game balancing carbon, cost, and construction schedule</i> Moderator: Peter Wang, HNTB Ken Donald, VHB Cierra Ford, VHB
12:30 PM			
1:00 PM	Poster presentation order TBD.		
	POSTER SESSION 1 Moderator: Leslie Brunell, ISI <i>Academic Poster, Student</i> 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 <i>Academic Poster, Professional/Faculty</i> 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 <i>Academic Poster, Student</i> 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 <i>Academic Poster, Professional/Faculty</i> 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 TBD.		
	EDUCATION SESSION 1 Moderator: Clément Boisselier, Aecon Group Inc. <i>Sustainable Procurement and Materials Selection for Better Outcomes</i> 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 Concrete Rehabilitation Case Studies for Sustainable and Resilient Infrastructure 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 <i>Best Practices in Sustainable Infrastructure</i> Advancing Sustainable Floodplain Development: Integrating Distributed Detention within Pervious Parking Infrastructure to Enhance Resilience and Land Efficiency Akshay Dumbre, Arcadis Aashish Khandelwal 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 Inclusion, Diversity, Equity, and Accessibility with Climate-Resilient Infrastructure Processes Stephanie Poirer, Standards Council of Canada Nancy Mitchell, Toronto Metropolitan University Embedding Envision, Part 2: Turning Principles into Practice Ivana Nitzova, Wade Trim Carly Keough, SLR International Corp.	EDUCATION SESSION 3 Moderator: David Abraham, Rice University <i>Envision in Curriculum</i> 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 Jennifer Mueller, Rose-Hulman Institute of Technology Jeong Ahn, Cooper Union Shannon Parks, University of Pittsburgh at Johnstown Rebekah Oulton, Cal Poly SLO Fethiye Ozis, Carnegie Mellon University Integrating Envision Throughout the Capstone Design Process Fethiye Ozis, Carnegie Mellon University Sarah Christian, Carnegie Mellon University
2:30 PM			
3:00 PM*			
3:30 PM			
4:00 PM			
	*There will be a short break around 3:00 pm, during the education sessions.		
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 Matteis, 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 <i>Memorial University of Newfoundland</i> 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 Beyond Verification: Using Envision to Guide Stormwater-Sensitive Planning for Recreational Infrastructure Phlinkee Faith Pradia and Maria Gonzalez How Galway Village Green – Multi-Phase Development in Newfoundland, Canada Supports Sustainable Infrastructure Through the Envision Framework Okechukwu Ezekwesili From Framework to Procurement: Applying Envision to Sustainable Supplier and Material Selection Phlinkee Faith Pradia Canada Drive Active Transportation and Road Safety Improvements Gyaltsen Sherpa and Hemant Khadka
5:00 PM			
5:30 PM			

10:30 AM	Education session presentation order TBD.			
	EDUCATION SESSION 4 Moderator: Cassidy Nosenzo, RS&H <i>Sustainabiity at Airports</i> Institutionalizing Envision: Lessons from Denver’s Infrastructure Department and Denver International Airport Implementation Approaches Dana Hoffman, City of Denver David Plakorus, City of Denver Innovation on the Airfield: Designing Bird Deterrent Devices at SEA to Balance Safety, Maintainability, and Operational Performance Jordan Singletary, RS&H Lessons from HCAA's MP1: Updating Sustainable Design and Procurement Amie Acevedo, RS&H Reconciling Thermal Comfort, Carbon Reduction, and Climate Resilience in Aviation Infrastructure: Emerging Integrative Strategies for Airports Kelly Whealan George, Embry-Riddle Aeronautical University Operationalizing Sustainability and Resilience in Airport Project Delivery: Lessons from Miami International Airport Patricia Gomez Acevedo, Miami-Dade County Aviation Department	EDUCATION SESSION 5 Moderator: Ashley Metius, NV5 <i>Beyond the Project: Systems Thinking for Lasting Impact</i> From Statewide Risk to Project-Level Resilience: Equipping IDOT to Pursue Envision Credits Across their Infrastructure Portfolio Pierce Holloway, Resilient Analytics 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 Sharon Cruz, New Mexico DOT Gerald Lujan, New Mexico DOT	EDUCATION SESSION 6 Moderator: Carly Shannon, Linx Strategies LLC <i>Sustainability in Practice</i> 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 <i>Value Beyond Envision</i> 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	
11:00 AM				
11:30 AM				
12:00 PM*				
12:30 PM				
1:00 PM				
	*There will be a short break around 12:00 pm, during the education sessions.			
1:15 PM	Short Break			
1:30 PM	NETWORKING SESSION 1 Embodied Carbon in Practice: Approaches, Challenges, and Lessons Learned		NETWORKING SESSION 2 Helping Municipalities Incorporate Sustainability and Resilience While Navigating Varied Public Perceptions	
2:00 PM	Hosted by HDR Will Kirby and Chelsey Yan		Hosted by Ardurra Melissa Sutton-Seng and Anissa Voyiatzes	
2:30 PM	<i>Project Showcase</i> Moderator: Will Kirby, HDR			
3:00 PM	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	From Policy to Practice: Delivering Sustainable Infrastructure at the JFK RUGTC Project Brian Ortiz, Parsons	
3:30 PM				
4:00 PM	CLOSING KEYNOTE PANEL <i>This executive panel brings together leaders from organizations shaping the frameworks, standards, and system that guide sustainable infrastructure worldwide.</i>			
4:30 PM	Moderator: Anthony Kane, ISI			
5:00 PM	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				