



VerifiGlobal

Clean Technology Innovation Initiative

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Clean Technology Innovation Initiative Online Workshop Agenda - 22 September 2021

1. Introduction
2. Clean Technology Innovation Initiative Objectives
3. SCC: Environmental, Social, and Corporate Governance
4. ISO TC207 and ISO 14000 Standards
5. ISO 14034 ETV and Clean Technology Innovation
6. Connecting the Use of Standards to the UN SDGs
7. The Value Proposition in Relationship Mapping
8. Sector Overviews (illustrative examples)
 - Carbon Capture, Utilization and Storage
 - Stormwater
 - Onsite Wastewater Treatment
 - Nitrogen Sensor Challenge
9. Next steps – Getting Involved



Chantal Guay
CEO
Standards Council of
Canada

SCC: Environmental, Social, and Corporate Governance

Chantal Guay, is the CEO of the Standards Council of Canada and represents Canada's interests internationally at the ISO Council. Although Chantal is passionate about standardization, she is keenly interested in the implementation of environmental standards and conformity assessment after seeing firsthand the devastating effects of climate change in the North. She is going to talk about Environmental Social Governance and its connection to standardization.



Sheila Leggett
Chair
ISO/TC 207

ISO TC207 and ISO 14000 Standards

Sheila Leggett is currently Chair of the ISO Committee responsible for the 14000 environmental management standards. After working as an environmental advisor for a multi-national oil and gas company, she was President and CEO of an environmental consulting company. Sheila has served on a number of provincial and federal regulatory boards including the Alberta Electric System Operator,, the former National Energy Board and the Natural Resources Conservation Board.



Michael Leering
Director,
Environment and
Business Excellence,
Canadian Standards
Association

Connecting the Use of Standards to the UN SDGs

Michael Leering is the Director of Environment & Business Excellence Standards for the Canadian Standards Association (operating as CSA Group). His main responsibilities include oversight of three primary programs: Environment and Climate Change, Natural Resources and CSA Group Registries. He oversees standards efforts in these areas including environmental management, forestry, mining, flood resilience & water management, sustainable finance, and the circular economy .



Lynn Johansson
President, E2M
Catalyst for The
Collaboration 'Are You
Climate Ready'

The Value Proposition in Relationship Mapping

Lynn Johansson, President of E2 Management Corporation, leads an initiative called "Are You Climate Ready?" for The Collaboration. AYCR is a systems approach that enhances the value proposition enabled by a robust, credible, and reliable environmental management system, which conforms to ISO 14001.



Tim Hansen
CEO
350Solutions



Greg Williams
Director
Water Technology
StormTrap



Jennifer Andersen
Manager
CAWT
Fleming College



Gail DeRuzzo
Senior Quality
Assurance Officer
Battelle

Carbon Capture, Utilization and Storage

Tim Hansen is Founder and CEO of 350Solutions, a cleantech and low-carbon technology evaluation and consulting firm. He is a chemical engineer with over 26 years of experience managing and conducting sustainable technology research, development and demonstration programs. He was the US Technical Expert representative to the ISO 14034 ETV standard working group, and served as lead technology verifier for the NRG COSIA Carbon XPRIZE.

Stormwater

Dr. Greg Williams is the Director of Water Quality at StormTrap, a company that provides solutions for managing runoff, protecting waterways, and improving property use. He is a product development specialist with over 20 years experience in the water treatment industry. He is currently the subcommittee chair for ASTM E64.01 Laboratory evaluation of Stormwater Control Measures

Onsite Wastewater Treatment

Jennifer Andersen is the Manager of the Centre for Advancement of Water and Wastewater Technologies (CAWT), at Fleming College. With an MSc in Environmental and Life Sciences from Trent University and 10 years of experience in management of environmental programs, Jennifer has experience in all aspects of the research and development process. As the Manager of the CAWT, Jennifer is responsible for overseeing all aspects of operations, business development, and securing funding for clients whenever possible.

Nitrogen Sensor Challenge

Gail DeRuzzo is the quality assurance manager at Battelle, a multi-sectoral company providing R&D solutions for clients, including laboratory management and the design and manufacture of new products.



Thomas Bruun
Managing Director
VerifiGlobal

ISO 14034 ETV and Clean Technology Innovation

Thomas Bruun is a Managing Director of VerifiGlobal and the CEO of ETA-Danmark A/S, the Danish verification body for environmental technologies. ETA-Danmark A/S is accredited against ISO 17020 to perform verifications of environmental technologies both in accordance with ISO 14034 and the EU ETV General Verification Protocol. Thomas is a member of the ISO TC responsible for developing the ISO 14034 standard and of the EU Technical Working Groups responsible for the promotion and implementation of the EU ETV scheme.



John Neate
Managing Director
VerifiGlobal

Clean Technology Innovation Initiative Objectives

John Neate is a Managing Director of VerifiGlobal and Founder of Strategies for Change, a Canadian-based consultancy. John is currently a member of ISO committee for environmental performance evaluation, the Global Affairs Canada Environmental Assessment Advisory Group, and the Networks of Centres of Excellence Monitoring Committee. John has advised numerous businesses and organizations including the UN International Environmental Technology Centre, the Nuclear Waste Management Organization, and the Ontario Centre for Environmental Technology Advancement.



Jesse Arndt
Standards Council of
Canada

SCC Community Sourced Guidance

Jesse Arndt is the clean-technology sector specialist at Standards Council of Canada as well as a program assessor for Standards Council of Canada accredited Canadian Standards Development Organizations.



Starlene Buchanan
Program Manager
Standards Council of
Canada

Introduction - Moderator

Starlene Buchanan is a Program Manager for Canadian Innovation with the Standards Council of Canada. Starlene is working with VerifiGlobal on this project and is the moderator for the Workshop.