


NEXANS INNOVATION SUMMIT

OCTOBER 9TH, 2025



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1.

CONTEXT



1. CONTEXT

The energy decisions we make today will make ripple effects through time, affecting generations to come. We are at a crossroads – how do we both increase the capacity on the grid while simultaneously caring for and stewarding the environment?

We are entering a new era where electricity usage is expected to increase by over 3,500 Terawatt Hours (TWh) by 2027, according to the [International Energy Agency \(IEA\)](#). In 2024 alone, electricity demand rose by 4.3% versus only 2.3% in 2023. At the same time, carbon emissions are continuing to rise year after year to fuel this growth in electricity demand. Waste has also increased to over 2 billion tons and is expected to increase 70% by 2050 according to the [International Finance Corporation \(IFC\)](#), especially as more populations move from rural to urban living environments.

Nexans Climate Day has evolved into the Nexans Innovation Summit. This change brings a more holistic view to solve the world's electrification challenges and focuses on all three "E"s of Nexans' E3 operating model: environment, economic, and engagement. The model, first debuted in 2022, proves to that it is possible to increase economic success, reduce emissions, and drive employee engagement all at the same time.

In this inaugural Innovation Summit, Nexans will showcase not only its own innovative approach to electrification, but the whole electrification industry from student led projects and startups all the way to how large AI models help to drive sustainable electrification.

After Paris, Stockholm, New York, and Rabat, Nexans' Innovation Summit will truly usher in a new era of electrification.

3,500TWh

Rise in electricity demand by 2027

-2.6%

Actual projected emission reduction by 2030

-43%

Of global emission reduction needed by 2030 To keep warming to no more than 1.5 degrees Celsius

60%

Of the world's population will live in urban areas by 2030

2.

EVENT



2. INNOVATION SUMMIT

Event Theme: A New Era of Electrification

Venue: The Fairmont Toronto

Number of Guests: 250

Date: October 9, 2025

Schedule: 4:30 pm – 8:00pm

TARGET POPULATION

- Industry, electricity and renewable energy officials and institutions
- Key contractors, developers and trade federations
- Nexans customers, manufacturers and other users of renewable energy solutions
- Financing institutions and organizations
- Startups, associations and civil society, etc.

+25

Renowned experts in the sector

+4

Stands exhibition

+2

Conference and workshops themes



3.

FIRESIDE CHAT



3. FIRESIDE CHAT

Wired for Intelligence: Data, Energy, and the Next Electrification Challenge

This conversation between Elyette Roux, Executive Vice President - Power Grid at Nexans, and Laurent Boinot, America's Power & Utilities Industry Leader at Microsoft, explores how the twin forces of electrification and AI are reshaping the global energy landscape.

The dialogue will address the urgent challenges of rising energy demand, grid capacity, and sustainability, while highlighting the innovations—superconducting cables, smart grids, AI-driven optimization—that can enable resilient, intelligent infrastructure.

The session will conclude with a forward-looking call to action, inviting collaboration across industries to accelerate the transition to intelligent, sustainable electrification.

Laurent Boinot

America's Power & Utilities Industry
Leader, Microsoft



Elyette Roux

Executive Vice President PWR-Grid
& Accessories, Nexans



4.

EVENT THEMES & KEY MESSAGES



4. EVENT THEMES & KEY MESSAGES

The theme of the summit, “A New Era of Electrification,” will focus on the urgent call to expand grid capacity in an effort to meet growing demand while reducing carbon emissions and environmental impact. Keynote speakers and panel discussions will explore a wide range of timely topics, including:

- **Smart Cities:** How can we balance technological innovation with sustainability in urban environments?
- **Grid Modernization:** What strategies can we adopt to increase grid capacity while reducing emissions and waste?
- **Sustainability and Technology:** How can we harness the power of emerging technologies to achieve sustainable growth?

The first panel, focused on the factors that are contributing to the increase in electrical demand, highlights the importance of creating a new city infrastructure able to house, transport, care for, and facilitate business in an era where over 80% of Canadians already live in cities and over 7 billion people are projected to live in urban areas globally by 2050. Say hello to huge traffic jams but also hello to huge energy jams with massive congestion on the electrical grid.

FIRST PANELISTS INCLUDE



Pedro Barata
CEO, Habitat for Humanity



Riva Walia
CEO, FCCCO



Megan Lund
Senior Manager,
IESO's Transmission Planning Team



Pascal Radue
EVP Generation & Transmission,
Nexans

MODERATOR



Carol McGlogan
President & CEO,
Electro-Federation Canada

The second discussion will center around a picture of what a world could look like when more energy is placed on the grid, upgraded and interconnected transmission systems reduce loss and waste, and clean energy is king. How do we get to that world and how do we create a more reliable, secure, and sustainable grid?

SECOND PANELISTS INCLUDE



Hugo Lafontaine
VP, Industry, Schneider Canada



Jerome Fournier
VP Innovation,
Nexans



Channa Perera
VP Regulatory Affairs and
Indigenous Relations,
Electricity Canada



Cara Clairman
President & CEO,
Plug'n Drive

MODERATOR



Joanna Osawe
CEO, WiRE

These two roundtables get to the core question on everyone's minds. Digital technology, AI, and our current lifestyles are consuming more power each day and we need to work together to find a way to marry this increase in power with a care for the environment. While this is no easy task, the right people will come together at the Nexans Innovation Summit and share exciting new ideas and action items to solve this critical dilemma.

KEYNOTE SPEAKER

CHRIS HADFIELD

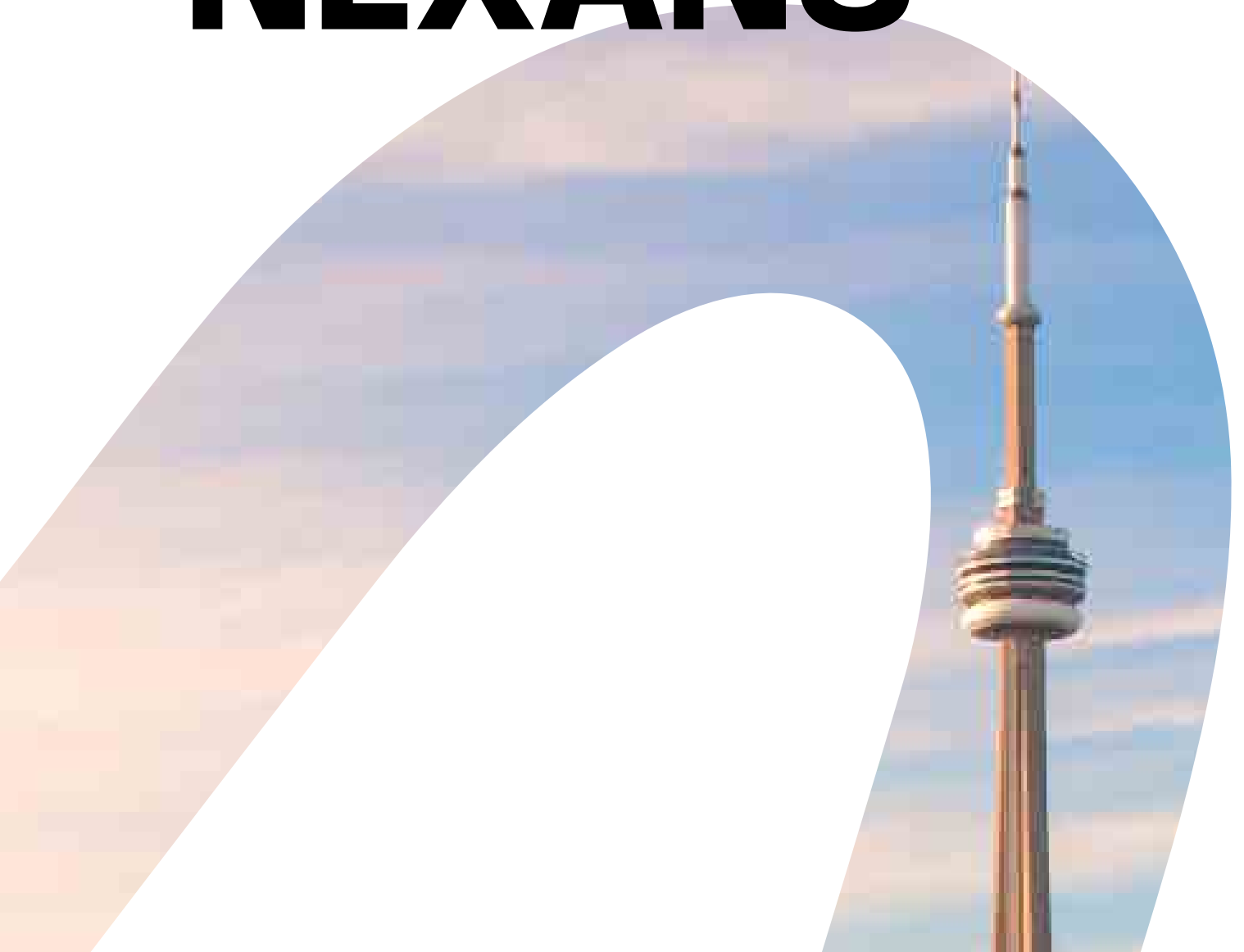
ASTRONAUT, BUSINESS LEADER, TECH ENTREPRENEUR, AND BESTSELLING AUTHOR

Colonel Chris Hadfield is an astronaut, business leader, hi-tech entrepreneur, five-time bestselling author, and global speaker on leadership, change, and managing life. Having commanded the International Space Station and directed companies, he has deep experience with best practices and tactics on guiding teams through extreme circumstances of complexity and change. His keynotes celebrate the marvels and wonders of science and spaceflight while exploring the parallels between space exploration, leadership, and the strategic integration of emerging technologies.



5.

ABOUT NEXANS



5. ABOUT NEXANS

Nexans is the global pure player in sustainable electrification, building the essential systems that power the world's transition to a connected, resilient, and low-carbon future. From offshore and onshore renewable energies to smart cities and homes, Nexans designs and delivers advanced cable solutions, accessories and services that electrify progress safely, efficiently, and sustainably.

With over 140 years of history, through three core businesses: PWR Transmission, PWR Grid, and PWR Connect, Nexans blends deep industry expertise with cutting-edge innovation to accelerate the energy transition, and better meet its customers' needs. Its unique E3 model, focused on Environment, Economy and Engagement, drives every action, aligning performance with purpose.

Nexans operates in 41 countries with 28,500 people and generated €7.1 billion in standard sales in 2024. As recognized climate action leader, Nexans is committed to Net-Zero emissions by 2050 aligned with the Science Based Targets initiative (SBTi) and expanding energy access through the Fondation Nexans.

Nexans is listed on Euronext Paris, Compartment A.

www.nexans.com | #ElectrifyTheFuture

THANK YOU



 Nexans