

impulsion

International Summit on Electric and Smart Transportation

2023 PROGRAM

Canadä



















Monday, March 13

Government strategies and public policies favouring the expansion of EST



7:00 to 8:00 am



Welcoming & registration | Coffee and pastries

8:00 to 8:35 am



Welcoming remarks



Sarah Houde Propulsion Québec





Valérie Plante Mayor City of Montreal



Minister of the Environment, the Fight Against Climate Change, Wildlife and Parks Minister Responsible for the Laurentides Region

Benoit Charette

8:35 to 9:15 am

0 14-1--

Major transport projects that are strengthening the public offering (in French)



Jean-Marc Arbaud
President and Chief of Direction
CDPQ Infra



Arthur Nicolet
CEO
Transdev Canada



Sandrine Gourlet

Executive director External Relations
Société du Grand Paris



Mehdi Sinaceur

Member of the Executive Board, Deputy CEO, Senior VP - Americas, Asia-Pacific, South Africa and United Kingdom Business Unit RATP Dev



Moderator:

Erik Grab

Strategic Anticipation & Innovation Vice-Président MOVIN'ON Founder & Activator MICHELIN Group



in

9:15 to 9:40 am



Conversation: Positioning Quebec as a Leader in the Transition to a Zero Emissions World (in French)



The Honourable Pascale St-Onge

Minister of Sport Minister responsible for the Economic Development Agency of Canada for the Regions of Quebec **Gouvernement du Canada**





Pierre Fitzgibbon

Minister of Economy, Innovation and Energy Minister Responsible for Regional Economic Development Minister Responsible for the Metropolis and the Montréal Region Gouvernement du Québec



Moderator:



Sarah Houde

CEO Propulsion Québec

in

9:40 to 9:50 am



Sustainable, smart and inclusive transport: Policy actions for the decade to come

Total transport activity will more than double by 2050 compared to 2015 under the current policy trajectory. Existing transport decarbonisation policies will be insufficient to pivot passenger and freight transport onto a sustainable path. By contrast, more ambitious yet realistic transport decarbonisation policies could reduce transport CO2 emissions. ITF Secretary-General Young Tae Kim will provide insights into how the challenges that policy makers face can become opportunities for creating truly sustainable and inclusive transport systems.



Young Tae Kim
Secretary-General
International Transport Forum (ITF)



9:50 to 10:00 am



Remarks



The Honourable François-Philippe Champagne

Minister of Innovation, Science and Industry Government of Canada



10:00 to 10:40 am



Energy transition: driving economic development and source innovation between regions (in French)



François Decoster

Vice-president in charge of culture, heritage, regional languages and international relations (Hauts-de-France Region),

Mayor of Saint-Omer,

President of the Renew Europe group at the European Committee of the Regions

Région Hauts-de-France







Michel Angers

Mayor City of Shawinigan



Lucie Allard

Mayor City of Bécancour





Daniel Cournoyer

Deputy Mayor City of Trois-Rivières





Alain Lemieux

President, General Manager Vallée de la transition énergétique



10:40 to 11:10 am



How to stimulate innovation and ensure EST ecosystem growth (in French)



Luc Sirois

Quebec's Chief Innovation Officer Conseil de l'innovation du Québec





Véronique Foucart Rottier

European Project Coordinator ID4Mobility





Claire Baritaud

Coordinator Transport Innovation Agency Direction Générale des Infrastructures, des Transports et des Mobilités



Moderator:



Thierry St-Cyr

CEO

InnovÉÉ Innovation Énergie Électrique



11:10 to 11:15 am



Median Cities: a field of innovation in the sustainable mobility (in French)

Launch of the "sommet international de l'innovation en villes médianes" (SIIVIM) 2023



Denis Thuriot

Mayor city of Nevers President Nevers Agglomeration Councilor of the region Bourgogne-Franche-Comté City of Nevers



11:15 am to 12:15 pm



BREAK - Exhibition I Technology B2B Meetings

11:20 am to 12:00 pm

Signature of an agreement between Propulsion Québec / InnovÉÉ / Agence de l'Innovation pour les Transport (AIT)

Press room



Sarah Houde
CEO
Propulsion Québec





Claire Baritaud

Coordinator Transport Innovation Agency Direction Générale des Infrastructures, des Transports et des Mobilités





Thierry St-Cyr

CEO InnovÉÉ Innovation Énergie Électrique





Sophie Lagoutte

Consulate General of France in Montreal General Consulate of France in Montreal





Michèle Boisvert

Delegate general of Quebec in France Québec Government Office in Paris



12:15 to 2:00 pm



Luncheon Conference

Theme: The competitive advantage of decarbonation in an integrated value chain in the context of energy transition and security of supply



Denis Geoffroy Chief Commercialization Officer Nano One





Director General Automotive and Surface Transportation Research Centre Division of Transportation and Manufacturing National Research Council Canada



Eric Baril



Sophie Bergeron Managing Director Rio Tinto Iron and Titanium (RTIT) and Diamonds





Moderator:

Jean-François Béland Vice-President, Ressources Québec Investissement Québec in

2:00 to 2:30 pm



BREAK - Exhibition I Technology B2B Meetings

2:30 to 3:30 pm



1st Series of Workshops

How to cost-effectively decarbonize the transport sector (in French, will be translated in English)

Room 516D



Philippe Dunsky President DUNSKY ÉNERGIE + CLIMAT



Gabriel Durany CEO **AQPER**



Johanne Whitmore Senior Researcher, Chair in Energy Sector Management HEC Montréal



Moderator:



Daniel Breton Electric Mobility Canada



Redevelopment of urban spaces and sustainable mobility in cities of the future (in French)

Room 516E



Catherine Morency

Full Professor, Chairholder, Chaire Mobilité Chairholder, Canada Research Chair on personal mobility Chairholder, Chaire en transformation du transport

Polytechnique Montréal





Florence Paulhiac

Full Professor, Chairholder, Chaire internationale sur les usages et pratiques de la ville intelligente UQAM School of Management





Amandine Rambert

Project Manager Vivre en ville





Bertrand Ayral

Vice-President of the Urban Community of La Rochelle in charge of mobility, transport and the cycling master plan

Urban Community of La Rochelle



Moderator:



Laurent Chevrot

General Manager **Agence de mobilité durable**



Keys to the success for implementing autonomous and connected vehicles in a territory





Clément Aubourg

Head of Autonomous Vehicles - New Mobility Services Groupe Keolis





Aymeric Audigé

Head of the Automated Vehicle Division - General Directorate for Infrastructure, Transport and Mobility French Ministry Of Transportaton



Room 516A



Annie Saleh

Director - Autonomous and Connected Driving Systems PMG Technologies



Moderator:



Primael Sodonon

Innovation and autonomous vehicles projects advisor City of Montreal



3:30 to 4:00 pm



BREAK - Exhibition I Technology B2B Meetings

4:00 to 5:00 pm



2nd Series of Workshops

Experimentation to accelerate the deployment of new sustainable mobility solutions

Room 516E

Presented by:

IVÉQ



Laurent Eisenman

New practices & Rural Services Program Directeur, Rural Mobilities Director SNCF Tech4Mobility





Magali Alix-Toupé

LE MANS TECH



Sébastien Roy

General Manager Ville de Varennes





Bertrand Ayral

Vice-President of the Urban Community of La Rochelle in charge of mobility, transport and the cycling master plan

Urban Community of La Rochelle

in





Benoit Balmana

CEO IVÉO





Government electrification initiatives : seizing opportunities

Room 516D



Martin Boudreault

Responsable du secteur Électrification et développements technologiques Direction de l'expertise, de l'ingénierie et des acquisitions

Ministère des Transports du Québec - Centre de gestion de l'équipement roulant (CGER)





Vincent Marmion

Senior Advisor
Canada Economic Development for Quebec
Regions





Yves Madore

Analyst, Fleet, Greening Governmet Strategy **Treasury Board Canada Secretariat**



Moderator:



Eddy Zuppel

Program Leader, Clean & Energy Efficient Transportation Conseil national de recherches du Canada (CNRC)



3:45 to 5:00 pm I Sharing parking: Innovating to optimize the use of urban space (in French, with simultaneous translation)



Éric Diserbeau

Director of Mobility and Transport Rennes Métropole



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Gautier Caland

Sr. Director of Innovation & Marketing Indigo Group



Room 516B

Presented by:

AGENCE DE MOBILITÉ DURABLE MONTRÉAL



Eric Dubois

General Manager Parking Brussels





Mathieu Nicaise

Strategy & Innovation Senior Officer
Brussels Intercommunal Transport Company



Antoine Sambin

Head of mobility strategies **Agence de mobilité durable**



Moderator:



Marc-André Carignan

Animateur, auteur et chroniqueur en aménagement urbain



5:00 to 7:00 pm

Y Impulsion 2023 Innovation Edition Opening Cocktail

Terminus Viger

Presented by:







1 LION ELECTRIC

Tuesday, March 14

Key sectors in EST: driving a green economy by 2030



7:00 to 8:00 am



Welcoming & registration I Coffee and pastries

8:00 to 8:15 am



Welcoming remarks



Sarah Houde Propulsion Québec





Bruno Marchand Mayor of Québec

Geneviève Guilbault



Deputy Premier Minister of Transport and Sustainable Mobility Gouvernement du Québec



8:15 to 8:55 am



The green battery of tomorrow: a value chain stemming from international collaboration



Eric Desaulniers
President & CEO
Nouveau Monde Graphite
in



Patrick Gervais

VP Truck & Public Affairs - Canada
Lion Electric

in



Benoit Couture
President
Recyclage Lithion

Moderator:



Hubert Bolduc
President
Investissement Québec International



8:55 to 9:35 am



Renewable hydrogen production, storage, transportation, and usage

In ordered to speed up the energy transition, Quebec must use various technologies to replace fossil fuels in the sectors producing the most GHGs, particularly in the transportation sector. In this context, the experts on this panel will address the following points:



François Hoche Business Development

- Lhyfe



Alex Savelli

Managing Director Americas for Hydrogen Technologies Cummins Inc



- An overview of the Quebec renewable hydrogen value chain
- Identification of the success parameters for the implementation of a heavy transportation industry powered by green hydrogen in Quebec
- Technical, economical and environmental perspectives for the province.



Cory Shumaker

Head of Business Development Americas Hyzon Motors





Patrick Savoie

Account Manager Americas Sales Team **Ballard Power Systems**



Moderator:



Philippe Tanguy

Chief Strategy Officer Quebec HTEC



9:35 to 9:50 am



Key Note speaker: Sustainable transportation solutions with Digital transformation - Dream it, Make It

Key enabler for sustainable mobility is to leverage technologies that will digitally transform businesses. Siemens is committed to bring technologies that bridge the gap between real and digital world with our Xcelerator, enabling a digital twin. This is transforming automotive & transportation industry with electrification, autonomous vehicle/ADAS and smart manufacturing solutions, leveraging data analytics, Al and Deep Learning.



Nand Kochhar

Vice President, Automotive and Transportation Industry Siemens Digital Industries Software



Presented by:

SIEMENS

9:50 to 10:30 am



Challenges of sustainable road transportation for long-distance operations

Manufacturers and transporters are increasingly committed to seeking out ever cleaner transport solutions for their daily operations.

Several heavy vehicle manufacturers have therefore made a commitment to a sustainable future: Volvo now offer electric battery trucks with a range of 300 km between recharges; while Prévost has just introduced a completely redesigned new coach that reduces its fuel consumption by up to 12%, and is also developing a 100% electric coach with a range of at least 400 km by 2026.

But what about road transport operators? What are their needs, expectations and challenges, and what role should they play in the development of a charging/filling infrastructure? What are the challenges to overcome in achieving carbon neutrality objectives for heavy vehicles on longdistance operations? What will be the most efficient energy mix for this ecosystem in North America?



François Tremblay President Prevost & Volvo coaches North America







David Morneau Executive Vice-President and Chief Operations Officer Groupe Morneau in

Marketing, Innovation and New Mobility Services

Éric Callé

Kéolis Group



Mathieu Charbonneau General Manager CargoM

10:30 to 11:10 am



New technologies in transportation: how are current innovations shaping the future of mobility? (in French)



Hélène V. Gagnon

Chief Sustainability Officer and Senior Vice President, Stakeholder Engagement CAE





Jean-François Lambert

Vice-President, Advanced Technology and Electric Vehicle Development Chairman of the Board of Directors, Centre de technologies avancées BRP-Université de Sherbrooke (CTA)





Pierre Olivier

Chief Technology Officer **LeddarTech**



Moderator:



François Adam

Co-founder and General Manager Institut du véhicule innovant (IVI)



11:10 to 11:50 am



Deployment of charging infrastructure: how to meet demand by 2030?

With its « 2030 Plan for a Green Economy », Quebec intends to reduce its greenhouse gas emissions by 37.5% by 2030, compared to their 1990 level. Furthermore, 4 Twh will be allocated by 2030 within a strategic plan by Hydro-Quebec, towards the electrification of vehicles in Quebec. However, the accessibility, costs and availability of charging infrastructure are identified as potential obstacles to the electrification of vehicle fleets. The panel will discuss the following levers to accelerate the electrification of vehicle fleets.



John leraci

President
ABB E-Mobility Canada





France Lampron

Director - Energy and Mobility Solutions Hydro-Québec





John Casola

Chief Investment Officer Banque de l'Infrastructure du Canada





Frédérick Morency

VP Sustainability, Strategic Initiatives & Innovation Schneider Electric Canada

in

Moderator:



Marie Lapointe

CEO
Association de l'industrie électrique du Québec
(AIEQ)



11:50 am to 12:40 pm



BREAK - Exhibition I Technology B2B Meetings

12:40 to 12:50 pm



Luncheon welcoming remarks



Pascale Boyer

Member of Parliament for the 1st constituency of the Hautes-Alpes, France, President of the National Association of Mountain Elected Officials, President of the Study Group: New green energies and hydrogen, Member of the Commission for Sustainable Development and Regional Planning



12:50 to 2:00 pm



Luncheon Conference

Impacts of technological developments on future rail transport



David Borot Innovation Director for New Mobilities **SNCF Group**



Nancy Belley General Manager Réseau Charlevoix & Chemin de Fer Charlevoix in



Stéphane Kaba Smart and Green Mobility Director President of SpeedInnov Alstom



Moderator:

Marie Hélène Cloutier Executive Director, Customer Experience in

2:00 to 2:30 pm



BREAK - Exhibition I Technology B2B Meetings

2:30 to 3:30 pm



3rd Series of Workshops

2:15 to 3:45 pm I How to manage the electric transition in dense urban transport space?

Room 516A



Pierre Zivec

Vice President Performance, Safety and Digital Transdev Canada





Nicolas Letendre

President Letenda





Daniel Daviau

Product Planning Leader, Charging Infrastructure Strategy & On-board Telecommunication Systems **Nova Bus**





Keith Todd Kerman

Chief Fleet Officer, Deputy Commissioner
Department of Citywide Administrative Services,
City of New York







Nino Di Cara

Founder & President Electric Autonomy Canada





Luc Lamontagne

Innovation and IT Executive Director Société de transport de Montréal (STM)



Batterie lithium-ion and beyond... (in English, will be translated in French)

The demand for further cost reduction and/or increase in energy density, as well as the growing concern related to the expected growth of the market for conventional batteries, is pushing some large manufacturers to accelerate the investigation of complementary or alternative chemistries to lithium. This conference will present recent innovations, challenges and opportunities of major technologies "beyond the lithium-ion battery..."



Tobias Glossmann

Principal Systems Engineer, HV Battery Research Mercedes-Benz





Dr Shoichiro (Shawn) Watanabe

Executive Vice President and CTO Panasonic Energy Co., Ltd.





Alain Vallée

General Manager Canada Blue Solutions



Moderator:



Karim Zaghib, Ph.D, H.D.R.

Professor Concordia University



Salle 516E

Testing and simulation as validation and certification tools

Room 516D



Guy Dulude

Portfolio Director - Canada Siemens Digital Industries Software





Éric Dion

Director, Partnerships and business industrial advisor Investissement Québec - CRIQ





Mark Cohen

Vice-President, Engineering Solutions **PMG Technologies**





Claire Mangado

Director of Embedded Software for Autonomous Systems CS Group Canada



Moderator:



Philippe Bisson

Business Development Manager OPAL-RT



3:30 to 4:00 pm



BREAK - Exhibition I Technology B2B Meetings

4:00 to 5:00 pm



4th Series of Workshops

The circular economy as a source of innovation in Electric and Smart Transportation

Room 516A



Patrick Kilfoil

Economic Development Commissioner City of Montreal





Mathieu Gauthier

Co-Founder & Head of Business Development **Boomerang**





Mathieu Sasseville

Senior Impact Investment Advisor Fondaction

in



Sam Cherhabil

Founder & CEO Gomove

in

Moderator:



Audrey Roberge

Advisor in circular economy and GHG management **Coop Carbone**

in

Strategic role of advanced and sustainable materials in the decarbonization of transport (in French)

What are the elements (technological, political, market, etc.) that influence innovation in materials? Assess the relevance of providing Quebec with a roadmap for advanced materials in view of the 2050 carbon neutrality objective.

This workshop ends exceptionally at 5:15 pm.

Room 516D

Presented by:





Normand Mousseau

Physics Professor and Scientific Director Université de Montréal - Institut de l'énergie Trottier - Polytechnique Montréal Carrefour de modélisation énergétique





Frederic Schuster

Director of the Cross-Disciplinary Program on Material Science & Engineering CEA PTCMP, Saclay, France





Nima Moghimian

Global Director of Research and Development NanoXplore





Didier Arseguel

Vice President, Technology Rio Tinto Iron and Titanium



Moderator:



Marie-Pierre Ippersiel

President and Chief Executive Officer PRIMA Québec



Salvatore Vitale

Executif president and Chief Financial Officer Sayona



The contribution of electronic systems in the Electric and Smart Tranportation industry

Room 516E



Normand Bourbonnais

President and Chief Executive Officer **Technum Québec**





Gabriel Bernatchez

Chief Technical Officer (CTO) and Vice President & Co-founder

Taiga



Presented by:







Vincent Riou

General Manager FIC North America





Luc Leblanc

President and Chief Executive Officer Orthogone Technologies







Daniel Boisvert

Business Development Director **C-MAC**





Marie-Hélène Lamarre

General Manager ISEQ



2:00 to 5:00 pm



French CCI in Canada Accelerate Together: Large Group meets Innovative Solution

Accelerate Together is a startup pitch competition and pre-qualified B2B business meetings tailored to meet the networking and innovation needs of large corporations and startups/small businesses in the Electric and Intelligent Transportation (EIT) sector.

What is the format?

Accelerate Together will take place in the Startup Zone of this summit. The 20 selected companies from Canada and France will have a few minutes to present their concept to a jury of 6 executives.

The jury members will evaluate live the pitch of each startup/SME and will give a score. Prizes will be awarded in 4 categories: Sustainable Mobility, Smart City, Last Mile Mobility and a "Coup de Coeur" award.

Activity organized by :





Donald Angers

CEO

in

Jury member:



Xavier Boisgontier

Business Development Director North America Alstom

in

Jury member:



Marylène Paquet

Director, International Services **Desjardins**

in

Jury member:



Pierre Cardin

Head of Public Affairs Canada Airbus

in

Jury member:



Élise Villeneuve

Partner - Strategy and Innovation **Deloitte**

in

Jury member:



Marie Hélène Cloutier

Executive Director, Customer Experience **EXO**

in



17h à 19h

▼ Cocktail

Expo Room

Presented by:







Wednesday March 15

Business models, funding, and technology acceleration to ensure the success of EST companies



7:00 to 8:00 am



Welcoming & registration | Coffee and pastries

8:00 to 8:20 am



Welcoming remarks



Sarah Houde CEO Propulsion Québec



Julien Tougeron General Manager CCI Française au Canada

8:20 to 9:00 am



Business models and value creation in the EST sector

Learn how three emerging IoT companies have successfully created value through innovative business models. This panel will also allow you to learn more about the pitfalls of raising financing and the key elements that helped them convince investors.



Benoit Lacroix
CEO
Astus inc.





Chris Thomas
Co-Founder & Partner
Assembly Ventures





Frédéric Bel

VP Marketing & Business Development
7 Generation Capital





Moderator:

Amélie Foz-Couture
Partner
Diagram Ventures

9:00 to 9:40 am



Total Cost of Ownership of an Electric Vehicle Fleet: Winning Models



Johan Levesque

Head of Research & Development
La Poste Group

Benoit Montreuil



Mark Ang
CEO and Co-Founder
GoBolt

in



Khelil Khelil
Senior Manager, Applied Research and Innovation
Purolator Inc.

Moderator:



Prof. ISyE, Director Supply Chain & Logistics Institute & Physical Internet Center, Coca-Cola Chair Material Handling & Distribution

Georgia Tech



in

9:40 to 10:20 am

<u>&</u>

Innovation in the development of transportation solutions: what are the winning IP strategies?

in



Jocelyn Auger Partner Fasken

Propulsion Québec



Caroline Lefebvre
Intellectual Property Advisor
Office de la propriété intellectuelle du Canada
(OPIC)



Marie-Josée Lapointe
Vice President, Legal Affairs
Axelys





Victor Poudelet

Directeur, Centre d'innovation collaborative en mobilité



in

10:20 to 11:00 am



Green Hydrogen Business Models in Quebec (in French)



Simon Barnabé

Professeur chez UQTR, titulaire de la Chaire de recherche municipale pour les villes durables, codirecteur de l'12E3





Catherine Gosselin

Senior Project Manager Harnois Énergies



Frédéric Delrieu

Lead Consultant Amp&Axle





Daniel Charette

Chief Operating Officer CHARBONE Hydrogen Corp







Nancy Déziel

General Manager CNETE



11:00 to 11:40 am



Collaboration models / Startups and large groups



Richard Chénier

CEO Centech





Agnès Flémal

General Manager **WSL**





Patrick Gagné

CEO Cycle Momentum





Pierre-Franck Edwige

Investment Director RATP Capital Innovation







Jessika-Kina Ouimet

Innovation Manager Startup Montréal



11:40 to 11:45 am



Quebec EST sector Investors guide and capital raising



Sarah Houde CEO Propulsion Québec



11:45 am to 12:25 pm



Enhanced Funding Models, adapted to the EST sector

Presented by:





Pierre-Luc Labelle President and Chief Operating Officer Finalta Capital





Benoit Brunet Senior Director, Capital Solutions CDPQ





Christian G. Brosseau Vice President, Private equity & impact investments,

Structuring Capital, Energy & Environment Fonds de solidarité FTQ



Moderator:



Emilio B. Imbriglio

Chairman of the Board, Equisoft Corporate director Former CEO, Raymond Chabot Grant Thornton



12:25 to 12:45 pm



Lunch and Networking

12:45 to 12:50 pm



Remarks



Stéphane Pilette Investment Director **Desjardins Capital**

12:50 to 2:20 pm



Successful Capital Raising for EST Businesses

This workshop will help companies prepare for their next capital raising, regardless of their stage of growth. The following topics will be covered:



Sylvain Carle
Partner
Innovobot

in

- Value creation milestones for companies based on dominant business models;
- Understanding how investors analyze the key risks associated with the EST sector;
- building a successful financing application in the EST sector.

Co-host:



Jean-François Tremblay
Founding Partner
Mouve & Company



Institutional partners











Presenting Partners













Lead-Partners





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SIEMENS



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BtoB Zone Partners







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IVÉQ



Lunch and Learn Partner

RioTinto



Cocktail Partners











1 LION ÉLECTRIQUE

