The BC Sustainable Energy Association is a registered charity supporting British Columbia’s transition to a future built on resilient, regenerative production, distribution and use of energy.

The association collaborates with government, industry, academic institutions, non-governmental organizations, and citizens to provide education and well-reasoned policy-oriented research, analysis and recommendations on sustainable energy issues to accelerate the province’s transition to a low-carbon economy.

www.bcsea.org

facebook.com/BCSEA
twitter.com/BCSEA
linkedin.com/company/bc-sustainable-energy-association
Welcome Message from BCSEA

On behalf of the BC Sustainable Energy Association, I welcome you to Energy Connections 2019 (EC2019). Energy Connections is our premier annual event, bringing together like-minded representatives from the public, private, and non-profit sectors to discuss how we can facilitate British Columbia’s transition towards a renewable and sustainable low-carbon energy economy.

We acknowledge that EC2019 is taking place on the Traditional Coast Salish Lands including the Squamish (Sḵwx̱wú7mesh Ûxwumixw), Tsleil-Waututh (səl̓ılw̓ətaɬ) and Musqueam (x�ʷməθk̓ʷəy̓əm) Nations.

The BCSEA extends our deepest appreciation to SFU Harbour Centre, our speakers and moderators, our dedicated team of staff, volunteers, and Board members, the Vancouver Chapter, and our sponsors, all of whom have made Energy Connections 2019 possible. We also thank you for attending Energy Connections, as you will also be part of making the low-carbon energy economy happen.

Jonathan Ho
Chair of the Board
BC Sustainable Energy Association
Thank you to our Sponsors!
Energy Connections 2019
SFU Harbour Centre, Vancouver | September 20th, 2019

Agenda

8:30 am   Registration & Continental Breakfast

9:00 am   Welcoming Remarks

9:15 - 10:45 am   Transportation Transformations
                  Session 1: Picking up where EC2018 left off — this panel will address what BC is doing to address the highest source of CO2e emissions in the province

10:45 - 11:00 am   Break

11:00 - 12:30 pm   State of Fuels
                   Session 2: Biofuels, natural gas and direct air capture to name a few. This panel will discuss the different fuel technologies and what they mean for BC’s emission reductions

12:30 - 2:00 pm   Mitacs Innovation Lunch

2:00 - 3:30 pm   Energy Efficiency & Grid Modernization
                  Session 3: Improvements to BC Building Code and innovative demand side management programs are expected to make a huge dent in BC’s emissions by 2030. This panel explore local companies involved in technologies paving the way in storage, decentralization, IoT and microgrid.

3:30 - 3:45 pm   Break

3:45 - 5:00 pm   Closing Remarks - What’s Next for BC?
                  Session 4: With grandiose long-term targets and strategies to drastically reduce carbon emissions, EC2019 will close by addressing BC’s current policies and practices, and what these mean in the short term to initiate (or delay) significant emission reductions

5:00 – 7:30 pm   Closing Reception

Session 1: Transportation Transformations

Location: Fletcher Challenge Canada Theatre

Moderator: Jeffrey Phillips
Managing Director, Dawson Strategic

Speakers:

Dom Repta
Senior Sustainability Advisor, Translink

David Rehimi
Western Canadian Sales Director, ChargePoint

Joanna Clark
Senior Transportation Planner, City of Vancouver
Speakers

Session 2: *State of Fuels*
Location: Fletcher Challenge Canada Theatre

**Moderator:**  
**Martin Mullany**  
Interim Executive Director,  
Clean Energy BC

**Speakers:**

**Dana Wong**  
Public Policy Manager,  
FortisBC

**Anna Stukas,**  
Business Development  
Carbon Engineering Ltd.

**Laura Guzman**  
Director of Government Affairs,  
Hydra Energy
Mitacs Innovation Lunch

Location: Joseph & Rosalie Segal Centre

This year, we are pleased to share with you that Mitacs is hosting an Innovation Lunch. The Lunch is a great opportunity for event attendees to come together in small groups to have engaging discussions on the following topics:

- Transportation Infrastructure
- Electric Vehicles
- Smart/Micro Grids, Energy Decentralization
- Biofuels in BC
- Renewable Energy & Energy Storage
- Fuel Cell and Hydrogen Technologies
- CleanBC and Energy Planning

Enjoy the Networking Opportunity!
Speakers

Session 3: *Energy Efficiency & Grid Modernization*
Location: Fletcher Challenge Canada Theatre

Moderator:  
Selina Liu  
*Energy Efficiency Engineer,*  
*SES Consulting*

Speakers:

Amir Ekhlasi  
*Principal,*  
*Enersaver Solutions*

Dr. Matthieu Loos  
*Electrical and Software Engineer,*  
*Powertech Labs*

Farshid Borjian,  
*Executive Director,*  
*Masonry Institute of BC*
Speakers

Session 4: Closing Remarks - What’s Next for BC?
Location: Fletcher Challenge Canada Theatre

Moderator: Jonathan Ho
Chair of the Board, BC Sustainable Energy Association

Speakers:

Dr. Judith Sayers
Nuu-chah-nulth Tribal Council & BC Ferries

Neil Dobson
Executive Director, CleanBC
Volunteers don’t get paid, not because they’re worthless, but because they’re priceless.

Energy Connections conference is a 100% volunteer-led initiative. We’d like to acknowledge the hard work and dedication these individuals contributed:

- Ikenna Aberdeen
- Shima Alagha
- Vishal Batvia
- Gonca Ceylan
- Mohammad Gheshmi
- Lana Gonoratsky
- Kelly Lim
- Max Melchior
- Arman Mottaghi
- Yaser Roshan
- Ankush Rastogi
- Vivian Onwujiobi
- Erin Quon
- Pranshu Shelat
- Alex Szymanski
- Marina Timmins
- Josephine Tsen
- Anabelle Wong

Thank you to our Volunteers!
This year, we are using a new online system to facilitate the panel questions. In order to use the new system, please visit the website www.slido.com and use the code EC2019, to see the list of questions, and to ask yours.

Post-event survey link:
https://forms.gle/yK5FAbhX8bDG5nk97

WiFi Connection:
Connect to SFUNET Wireless Network. Open any webpage and enter the following credentials:

- Computing ID: lw5531
- Password: Y7#34X,m