

October 12, 2022

CSUR 20th Anniversary – Our Past, Present and Future



WEDNESDAY, OCTOBER 12
8:00 AM - 12:00 PM
The Ampersand (112 4 Ave SW)

20TH ANNIVERSARY OUR PAST, PRESENT AND FUTURE

Join invited guests and members for a glance at the past and a glimpse into the future. During this half-day session, you will learn about the 20-year journey of CSUR and exciting updates about our future. In addition, we'll feature a series of presentations, panels and networking.

Free to Attend for CSUR Members

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To celebrate various milestones and achievements for the organization & its history, a special event was held at the Ampersand Conference Centre on October 12th, 2022. The commemoration focused on taking a look back at the organization's past, its current standing within the energy industry, and its pathway into the future. Invited and special guests were on hand to discuss their connection with the organization, including its role amongst the various stakeholders in the industry. The three key aspects of the celebration were:

1. CSUR's name change to CSEE (Canadian Society for Evolving Energy)
2. The organization's 20th year anniversary, and
3. The launch of CSEE's Massive Open Online Course (MOOC) on the topic of **"The 21st Century Energy Transition – How do we Make it Work?"**

Opening comments were delivered by CSEE's President & CEO, Dan Allan, who briefly elaborated on the history and continuing mandate for the organization within a complex & ever-changing environment. A former leader of the organization, Kin Chow and current Board Member, Wally Kozak, provided a more in-depth history of the organization & its evolution (from the foundations as the Coal Bed Methane Forum to CSUG to CSUR) and the thought-process behind the recent name change, respectively. From the organization's onset in 2002, the basic tenets of science, technology &

fact-based information and multi-stakeholder engagement continue to be the top priorities and at the forefront for CSEE.

In keeping with the “Evolution” theme and as the industry & world continue to change & progress, Bill Whitelaw, CSEE Board Chair, then engaged invited guests from the Alberta and British Columbia regulatory agencies to share their perspectives of change within their respective organizations and the value of CSEE in the overall process & how it can assist the industry navigate the transition. The panel consisting of Laurie Pushor, President & CEO – Alberta Energy Regulator (AER), Ines Piccinino, EVP, People, Strategy & Transformation – BC Oil & Gas Commission (BC OGC), and Michelle Carr, CEO – BC OGC, all conveyed similar messages of continuous change globally, nationally & indeed, locally and in their own organizations. With highly technical & educated staff within their respective organizations, the goal is to modernize regulations amid rapid technological transformations in both the “conventional” oil & gas sector and with emerging energy sources & processes (i.e. Helium, Geothermal, Hydrogen, Minerals, Carbon Capture & Storage - CCS, etc.). A key theme reiterated by each member of the panel was that they hoped to modernize regulations in order to enable & promote innovation rather than hold projects back. In turn, CSEE’s role and value would continue by being the intermediary between the governments & their agencies and the other stakeholders, to provide a platform for the dissemination of fact-based technical information, and to facilitate collaboration among all stakeholders.

A short presentation was provided by James Inglis from Mission Net on the benefits and merits of using the existing energy infrastructure to transport data. The concept entails creating a digital pipeline in order to monitor all data in real time using available networks. For example, digital networks can be designed such that emissions from a given company’s existing facilities and properties can be monitored remotely, continuously & accessible at all times.

After a short networking break, CSEE Director & Outreach Coordinator, Dr. Brad Hayes, moderated a panel that discussed the general concept behind building CSEE’s Massive Open Online Course (MOOC). With the goal of providing a realistic outlook for the industry and the general public on Energy Transition, significant resources were disbursed and numerous subject matter experts were assembled to construct a course that looks at all forms of energy available to humanity today, their respective abundance & availability in various parts of the world, the inherent technical & infrastructure challenges, and their respective environmental & socio-economic impacts as they all become mainstream. On hand to discuss the MOOC and its contents / merits were Dr. Gavin Bradley, Science MOOC Coordinator & Assistant Lecturer – University of Alberta, Dr. Monica Gattinger, Director of the Institute for Science, Society, & Policy and Chair of Positive Energy – University of Ottawa, and Jakub Brogowski, CFO – Kiwetinohk Energy Corp. Dr. Bradley spoke about the history of MOOC since its inception in 2011, the production cycle of a given course (currently at almost 20,000 courses that are now available through 950 universities), and the roughly 220 million registrations to date. Dr. Gattinger echoed the need for resources such as CSEE’s MOOC to educate the public about the complexity of the energy landscape (all energy sources) and the need to have a multi-disciplinary outlook in terms of public policy, regulations & social perspective for a realistic pathway to the future. From an industry operator’s perspective, Jakub elaborated on how his organization has embraced the concept of energy transition (in their 4th year of a 10-year program). Their vision aims to incorporate / leverage “conventional” oil & gas systems with renewable energy projects to continue to provide clean, affordable, consistent / reliable, & sustainable energy supply, while maintaining (& exceeding) their ESG (Environment, Social & Governance) and GHG (greenhouse gas) emission reduction commitments & protocols. It is noted that Kiwetinohk was recently awarded 2 CCS hub projects by the Government of Alberta.

The next panel discussed the concept of “transition in governance” within their professional and personal capacities & experiences. Current CSEE Directors Colleen Sherry, VP Sustainability at GLJ Ltd., and Hong Yang, Geothermal Business Development Manager @ Shell Canada, and Lauren Forrest, Corporate Sustainability Analyst @ Pacific Cambriam Energy,

expounded on their respective roles in the industry and the positive changes that continue to proliferate their respective organizations and indeed for them individually. Ongoing & purposeful collaboration with all stakeholders, continuous learning, embracing & being open to an expanded energy sector, and incorporating ideals of diversity & inclusivity were suggested as being some of the key drivers for a truly sustainable, successful, and rewarding tenure individually and for the evolving energy industry as a whole.

The final panel of the event featured some of the contributing and sponsoring partners of CSEE's MOOC. The goal of these discussions was to reiterate the importance of messages that need to be conveyed to society as a whole, similar to those detailed in CSEE's MOOC. The panel featured Allan To, VP @ Canadian Heavy Oil Association (CHOA), Dale Hansen, Interim Dean @ McPhail School of Energy at Southern Alberta Institute of Technology (SAIT), Randy Hughes, Manager – Energy & Water @ Geoscience BC, and Mark Scholz, President & CEO @ The Canadian Association of Energy Contractor (CAOEC). The panel was in total agreement that a concerted effort was required and a consistent story needed to be told of the industry's role in the energy transition framework. Whether through resources like CSEE's MOOC, public engagement for a broader reach, technical collaboration among various associations & sectors (workshops, forums, conferences, seminars, etc.), or partnering with academic institutions to re-invigorate interest among younger generations, the energy industry needs to have an unabated drive to demonstrate that it is a willing, capable, accountable, eager & an essential cog in shaping how humanity will be powered in the future, globally!

SUMMARY

October 12, 2022
08:00am - 12:30pm MDT
The Ampersand Conference Centre

AGENDA

08:00 - 08:30 am **Check-in + Networking**

08:30 – 08:40 am **Welcoming Remarks**
Dan Allan and Bill Whitelaw

OUR PAST:

08:40 – 09:00 am **Our History:** A journey Through Time - Moderated by Dan Allan
CSUG TO CSUR - Kin Chow
CSUR TO CSEE - Wally Kozak

THE PRESENT:

09:00 – 09:30 am **The Value of CSEE:** A Government Perspective - Moderated by Bill Whitelaw
Laurie Pushor - AER
Ines Piccinino - BCOGC
Michelle Carr - BCOGC

09:30 – 09:40 am **Evolving Energy** – Bill Whitelaw

09:40 – 10:00 am **The Energy Story** - James Inglis - TC Energy

10:00 - 10:15am **BREAK**

OUR FUTURE:

10:15 – 10:45 am **The CSEE MOOC:** A Panel Discussion - Moderated by Brad Hayes
Dr. Brad Hayes - CSEE Outreach Director
Dr. Monica Gattinger - University of Ottawa
Dr. Gavin Bradley - University of Alberta

10:45 – 11:15 am **Our Path:** A Panel Discussion with CSEE Directors & Supporters
Moderated by CSEE Directors
Hong Yang - Shell Canada
Colleen Sherry - GLJ
Lauren Forrest - Pacific Canbriam Energy

11:15 - 11:45 am **CSEE MOOC Partners:** A Panel Discussion - Moderated by Brad Hayes
Lisa Weatherby - SAIT
Gavin Dirom - Geoscience BC
Mark Scholz - CAOEC

11:45 – 12:30 pm **Networking - light lunch**

Presented by:



Our new logo was presented at this event!

