



24TH WORLD
**PETROLEUM
CONGRESS**
2023
CALGARY | CANADA

ENERGY TRANSITION:

THE PATH TO NET ZERO

THE NET-ZERO EMISSIONS PATHWAYS PROGRAMME

September 17-21, 2023 | BMO Centre, Stampede Park, Calgary, Canada



THE NET ZERO EMISSIONS PATHWAY PROGRAMME

Tuesday, 19 September 2023 12:00 PM – 1:00 PM

BMO Centre Sustainability & Social Responsibility Pavilion | Reverse Engineering Net-Zero by 2050: the role of enablers, technology and investments

Panelists:

- Deepa Poduval, Black & Veatch, USA
- Mara Abbott, CERES, USA
- Shannon Joseph, Energy for a Secure Future, Canada

Moderated by:

- Katie Kachur, Canadian Propane Association, Canada



Session description:

This panel will explore the nuances and conditions required to truly achieve net-zero. What is net-zero? Is technology where it needs to be, what is the role of each component of the energy value chain as it pertains to achieving net-zero and how can investment flow be designed to ensure success. Join the panelists in this thought-provoking, candid dialogue about a topic that most skirt around – not too people, governments or organizations truly explore the ‘how’ or talk about ‘what it will really take’ in making something of this magnitude happen.



THE NET ZERO EMISSIONS PATHWAY PROGRAMME

Wednesday, 20 September 2023 2:00 PM – 3:00 PM

BMO Centre Sustainability & Social Responsibility Pavilion | The role of the energy sector in reducing Scope 3 emissions, enabling circular economies, and leading a smooth energy transition

Panelists:

- Ian Macgregor, Northwest Refining, Canada
- Brian Sullivan, IPIECA, UK
- Scott Volk, Tourmaline, Canada
- Craig Stenhouse, Shift Critical, Canada

Moderated by:

- Spencer Schecht, Global CCS Institute, USA



Session description:

Public and investor trust in oil and gas sector has eroded trust over the last two decades with the reputation of greenwashing, inadequate action against climate change, and resisting the energy transition, and whether that's fair depends on which side of the dialogue you're on. This panel will explore the role of the oil and gas sector in reducing Scope 3 emissions, enabling circular economies and leading a smooth energy transition. In fact, does the sector even have a role to play? And, if yes, could this be how we bring trust back into the sector?



THE NET ZERO EMISSIONS PATHWAY PROGRAMME

Thursday, 21 September 2023 11:00 AM – 12:00 PM

BMO Centre Sustainability & Social Responsibility Pavilion | The role of natural gas and NGLs in the energy transition and enabling a net-zero economy

Panelists:

- Deborah Yedlin, Calgary Chamber of Commerce, Canada
- Shannon Watt, Canadian Propane Association, Canada
- Teresa Waddington, LNG Canada, Canada
- James Rockall, WLPGA, France

Moderated by:

- Mara Abbott, CERES, USA



Session description:

Depending on who you talk to, natural gas is either “clean” energy or a “dirty fossil fuel”. So, what is the role of natural gas and natural gas liquids in the energy transition and does natural gas have a role to play in enabling a net-zero economy? In all the talk around electrification, renewables and clean energy, we seem to miss talking about rural communities, or energy reliability and affordability. What about climates or geographies that can’t sustain reliable renewable power generation? What about the fact that nuclear power development takes at least 15 years from design to operation? Are natural gas and natural gas liquids transitional to fill the demand gap while the world figures out clean energy, or are they part of the clean energy mix of the future? We’ll hear what our esteemed panelists have to say about this.



THE NET ZERO EMISSIONS PATHWAY PROGRAMME

Tuesday, 19 September 2023 7:30 AM – 12:00 PM

Fairmont Palliser Hotel | Net-zero Emissions Pathways x Young Professionals Workshop

Facilitators:

- Olivia Reshetylo, Governance and Social Impact Advisor, Modern West Advisory, Canada
- Bo Aganaba, Founder & Principal, Good Being, Canada



Workshop “Your World on January 1, 2051” (By invitation only)

Young professionals of today will be ultimately accountable to deliver a net-zero economy by 2050 and drive the energy transition. To that end, a group of 32 talented young professionals from various educational and experience backgrounds, will come together for a workshop to reimagine a net-zero world on January 1, 2051 from a systems perspective, and create a roadmap of everything it will take to get there. A panel of expert judges will select the winning plan and all plans developed will be available to WPC attendees to view at the Net-Zero Emissions Pathways booth at the Sustainability & Social Responsibility Pavilion on Wednesday and Thursday. All 8 sets of plans will be available to conference participants to read through, after the workshop.

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