

#ETMM2023

North America Edition:

2ND ENERGY TRANSITION for METALS and MINING INDUSTRY

19-20 January 2023
TORONTO, CANADA



**FUTURE
BRIDGE**

WHO SHOULD ATTEND?

VPs, CEOs, CFOs, MDs, Directors, Heads, and Managers are responsible for:

Mine Planning	Sustainability & Environment	Environmental Compliance
Electrification	Green/Sustainable Technologies	Corporate Social Responsibility
Asset Management	Asset Development	Infrastructure Development
Mine Decarbonization/ Electrification	Operations	Energy Storage
Charging Infrastructure	Finance/ Investments	Fleet and Mobile Technology
Hydrogen/ Alternative Fuels	Geology & Exploration Production	Underground Mines
Decarbonization/ Emission reduction	Open-pit Mines	

PROGRAM HIGHLIGHTS

All-Electric Mine Design & Planning	Decarbonisation and Renewables	Reducing On-site Emissions
Charging Infrastructure and Energy Storage	Hydrogen in Mining	Small Modular Reactors
	ESG & Sustainable Mining	

ABOUT

Encouraged by the successful events series on Metals & Mining Industry Energy Transition and Emission Reduction held in Stockholm SE, Future Bridge is launching the North America edition of the event. Join key industry experts on the 19th -20th of January 2023 in Toronto to learn more about their journeys on electrification, decarbonisation and meeting net-zero targets. This forum is aimed at bringing together the senior decision-makers from the metals and mining industries for a two-day business networking event.

The attendees will have the opportunity to attend insightful case studies & panels with more than 4 hours dedicated to face2face networking.

As a promoter of a greener sustainable future Future Bridge s.r.o has been organizing conferences and projects aimed at emission reduction, sustainability in energy transition, environmental regulatory compliance, and other key aspects in order to support the industries in embracing climate ambitions without compromising efficiency.

The Metals & Mining Industry is in the spotlight now. Now the industry must ensure a steady supply of raw materials and level up the operational efficiency in every aspect of the process, but the Metals & Mining Industry must ensure a firm and sustainable implementation and scalability of Green Mining Practices at an enterprise level.

This edition is aimed at supporting the industry to scale up the environmentally friendly mining practices, create a roadmap for greening mines, diagnosing which assets are fit for implementing practices aimed at emission reduction, and learning about the technologies enabling: NRMM electrification & Hybridization/ usage of Hydrogen & other alternative fuels/ energy storage & charging infrastructure/electrifying underground mining/ SMRs /and overcoming infrastructural challenges associated with adopting these practices at scale.

INDUSTRIES ATTENDING



SPEAKERS:

19-20 January 2023
 TORONTO, CANADA

CHAIRMAN OF THE FORUM



SAMUEL FRIMPONG

PhD, PEng, Professor and Robert H. Quenon Endowed Chair, United Nations Environmental Program Expert on Sustainable Mining and Metals, Director, Heavy Mining Machinery Research Laboratory, Director, The MERIT Center



RENATA CARDOSO

Vice President, Sustainability and Low Carbon

ELECTRA BATTERY MATERIALS



COLIN NEXHIP

Vice President Asset & Energy Management

NEWMONT



MICHAEL WURMSER

Founder & Deputy CEO

NORGE MINING



RADOSŁAW ŻYDOK

Director of the Department of Transformation Projects

KGHM POLSKA MIEDŹ S.A.



CARL WEATHERELL

Executive Director & CEO CANADA MINING INNOVATION COUNCIL (CMIC)

President RETHINK MINING VENTURES



ØYSTEIN RUSHFELDT

CEO

NUSSIR ASA



ROLF KUBY

Director General

EUROMINES



GONZALO RIOS

Director Environment – Josemaria Project

LUNDIN MINING CORPORATION



ANDREW COOPER

Energy Specialist

NEW GOLD



NANCY GUAY

Vice President Technology, Optimization & Innovation

AGNICO EAGLE MINES



KEVIN PCJ D'SOUZA

Chief Sustainability Officer

RESOURCE CAPITAL FUNDS



DR. ALI SOOFASTAEI

AI Program Leader

VALE



SAM HOUSTON

Vice President Major Projects, Iron Ore Company of Canada

RIO TINTO



IAN A. BRODIE-BROWN

Director of Business Development

BIG TREE CARBON INC



PIERRE-PHILIPPE DUPONT

Vice President Sustainable Development

CANADA NICKEL COMPANY



MICHAL KOWALCZYK

VP ESG Strategy

KINROSS GOLD CORPORATION



REDUCING ON-SITE EMISSIONS

- Technologies that allow mines to reduce on-site emissions
- Building a roadmap to net-zero or low-carbon mining
- Workable strategies to integrate mine decarbonisation solutions
- Carbon emission reduction and an increase in fuel efficiency are achieved with advanced analytics and big data
- Assessing the potential decarbonisation technology pathways for the site
- Developing a comprehensive approach to mine electrification

RENEWABLES, NUCLEAR, ENERGY STORAGE, AND INFRASTRUCTURE

- Integrating renewables and storage to reduce carbon exposure
- Success in procuring renewables and captive power
- Key challenges in approving and building renewable projects for mining
- Recalculating investing in RES and hydrogen storage considering life-of-mine vs. project payback
- Evaluating the technological readiness of off-grid mines for the incorporation of renewable energy sources (RES), such as solar power or wind power
- Lowering environmental footprints and driving cost efficiencies with small modular reactors

THE HYDROGEN IN MINING

- Green hydrogen's role in mining's zero-carbon journey
- Analysing the Feasibility of Hydrogen-powered Mines: infrastructure, integration, fuel efficiency, refuelling, etc.
- Transitioning from the planning to the operational stage of hydrogen
- Evaluating business models and strategic approaches available for hydrogen in mining
- Achieving economies of scale and cost-effectiveness of hydrogen propulsion systems for mobile mining equipment

DAY 1 19 JANUARY

8:20 Registration and welcome coffee

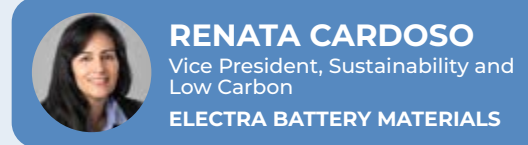
8:50 Opening address from the organizer

9:00 How Major Projects can lead the way for energy transition in the mining industry by interventions early in the asset lifecycle



9:20 Q&A with Sam Houston

9:30 Embedding decarbonization into the business strategy



9:50 Q&A with Renata Cardoso

10:00 VENDOR SESSION

Power of Drilling and Blasting to Lower Emission

- Maximising operational costs and lowering emissions with advanced drilling technologies
- Low carbon emission emulsion explosive and blasting
- Reducing GHG emissions associated with the movement of ore and waste rock

Applicable for: Mining & Rock solution Vendors / Drilling & Blasting vendors / AI, robotic automation & ML vendors

10:30 COFFEE & NETWORKING BREAK

11:10 Stewards of the Just Transition: The role ESG in Critical Mineral Mining Investments.

- Understanding the various mining related ESG myths and cutting through the “noise”
- Learning what experienced mining investors focus on in terms of grounded and material ESG
- Tips for ensuring authentic ESG in mining to ensure long term value creation for shareholders and stakeholders



11:30 Q&A with Kevin PCJ D'Souza

11:40 VENDOR SESSION

Technology Driven Reduction of On-Site Emissions

- Decarbonizing mine fleets: battery operated vs. hydrogen vs. trolley assist vs. hybrid
- Smart dispatch for the underground fleet
- Lowering carbon emissions and operating costs with a truckless system
- Reduction of carbon load with electric trolley-assisted haulage
- Battery-operated drilling and blasting equipment
- Reducing haulage-related energy consumption and CO2 emissions with in-pit crush and convey (IPCC)

Applicable for: OEMs / FMSs Vendors / NRMM / Mobile machinery application vendors

12:10 LUNCH

13:10 PANEL DISCUSSION

ESG & Sustainable Mining

- Challenges and opportunities that may impact an organisation's ESG strategies
- Meeting investor and stakeholder expectations
- Innovations that support and enhance an organisation's credibility

14:00 Generating value for decarbonization in mining



14:20 Q&A with Michal Kowalczyk

14:30 VENDOR SESSION

Battery Systems for Powering your Operations

- BESS contributing to decarbonising mine power systems
- Powering the unmanned mine operation with hydrogen gensets and fuel cell battery hybrids
- Battery system platform for next-generation equipment electrification
- Safety of energy storage
- Long Duration Energy Storage LDES
- Grid-forming energy storage
- Battery cooling systems

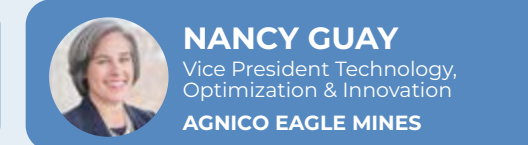
Applicable for: BESS providers / OEMs / Charging infrastructure vendors

15:00 COFFEE & NETWORKING BREAK

15:40 PANEL DISCUSSION

Decarbonising Mining Operation

- Renewable energy perspectives
- Fleet electrification
- Small modular reactors
- Electrification vs. cost-effective optimising of underground mines
- Financing and investments needed for creating green infrastructure



16:40 End of the Day 1

DAY 2 20 JANUARY

8:50 Opening address from the organizer

9:00 Energy Conservation - The Cornerstone of Your Low Carbon Objectives

Many companies are setting decarbonization objectives. This interactive presentation looks at the important role energy conservation can play in your low carbon objectives



9:20 Q&A with Andrew Cooper

9:30 TBA

9:50 Q&A with Gonzalo Rios



10:00 VENDOR SESSION

Charging Infrastructure Capabilities

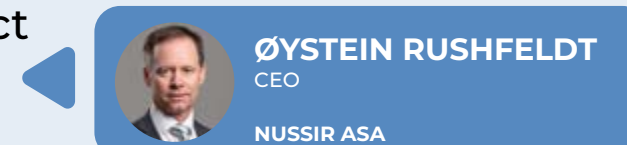
- Connected Mine and autonomous charging
- Dual charging system solution for stationary and in-motion charging
- Monitoring and controlling of a charging process and a grid connection system
- Microgrid solutions for mines
- Smart charging for renewable energy integration on the mine site, V2G infrastructure

Applicable for: BESS providers/OEMs/Charging infrastructure vendors

10:30 COFFEE & NETWORKING BREAK

11:10 Nussir – the world’s first all-electric all renewable Copper Project

11:30 Q&A with Øystein Rushfeldt



11:40 VENDOR SESSION

Renewables /Alternative Fuels

- Renewables PPA arrangements for different levels of maturity of mines
- Electrical Ancillary Services
- RES for off-grid mines
- Low-carbon fuels such as Biodiesel (FAME) and Renewable diesel (HVO)
- Green hydrogen’s role in mining’s zero-carbon journey
- Hydrogen propulsion systems for mobile mining equipment
- Hydrogen Safety for Mining Applications

Applicable for: Renewables providers / Hydrogen providers/ Alternative fuels vendors

12:10 LUNCH

13:10 PANEL DISCUSSION

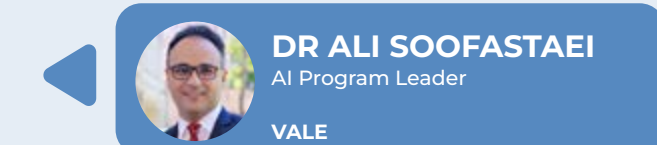
Industry cooperation to achieve mining and metals industry to achieve sustainable production and green mines

- European experience of the journey to sustainable mining
- Why junior mining companies need to consider decarbonisation
- Decarbonisation of the whole value chain



13:50 Digital Mining in the AI era; Opportunities and Challenges

14:10 Q&A with Dr Ali Soofastaei



14:20 TBA

14:40 Q&A with Pierre-Philippe Dupont



15:00 VENDOR SESSION

Lowering Emissions with Data and AI

- Simulation of the decarbonisation of different assets
- Cutting carbon emissions with a digital twin
- H2 leak detection simulation
- Advanced analytics and big data increase fuel efficiency
- Applying AI to lower emission

Applicable for: Intelligent mining software providers / Cloud service providers/ Sensing technology applications providers / Predictive maintenance vendors / AI and ML vendors

15:30 COFFEE & NETWORKING BREAK

16:10 Case Study KGHM Polska Miedź S.A.

16:30 Q&A with Radosław Żydok



16:40 End of the Summit



RADOSŁAW ŻYDOK

Director of the Department of Transformation Projects

KGHM POLSKA MIEDŹ S.A.



Radosław manages the team responsible for implementing new, low-emission technologies to the main production line of KGHM. The department's key areas of activity are the shift from fossil fuels to alternatives (such as hydrogen) in metallurgical and mining processes, the production of hydrogen and the capture of CO2 from metallurgical installations. Within this framework, Radosław Żydok manages contacts with subcontractors, research units, and production departments and manages a team of project managers. An IT specialist and economist by education. Previously, he led the regulatory team at KGHM for 3 years.



RENATA CARDOSO

Vice President, Sustainability and Low Carbon

ELECTRA BATTERY MATERIALS



Renata Cardoso is an economist with MBA and extensive experience in corporate sustainability and climate change strategy in the international mining and metals industry.

Prior to joining Electra Battery Materials, Renata spent over 15 years with Vale, based both at headquarters in Brazil and in Canada. After beginning her career in Vale's corporate strategy organization, Renata transitioned to the sustainability team, assuming management positions in Climate Change and Sustainability functions in Brazil, and most recently, serving as Low Carbon Manager for Vale's global Base Metals headquarters in Canada. In her last role, she led cross-functional efforts across the organization for the development and implementation of a decarbonisation program, touching everything from mines to processing plants in several countries. Now as Electra's VP Sustainability and Low Carbon, Renata oversees the development of the company's ESG governance and credentials to supply ethical, low carbon and traceable battery materials for the growing electric vehicle's market.



ANDREW COOPER

Energy Specialist

NEW GOLD



Andrew Cooper is a Strategic Energy Management Specialist who is passionate about minimizing waste, maximizing efficiency and helping to improve your bottom line. During his time as the Energy Specialist at New Gold Inc., energy management practices at the New Afton mine have resulted in energy savings equivalent to more than 10% of the annual energy use. The mine has received numerous industry awards in recognition of his energy management initiatives. Andrew initiated and led the implementation of the ISO 50001 Energy Management Standard at New Gold's New Afton mine. Under his leadership, the mine also achieved a AAA rating for the Mining Association of Canada's Towards Sustainable Mining (TSM) Energy and Greenhouse Gas Management protocol. In recognition of his significant contribution to energy management, he received the Association of Energy Engineers (AEE) International Energy Manager of the Year award and was inducted as a Fellow Member with the AEE. Andrew serves on various national energy efficiency related committees in Canada. He was also a member of the Mining Association of Canada working group for the new TSM Climate Change protocol. An energetic, entertaining and thought-provoking speaker, Andrew has presented at various international conferences and events and has received many positive reviews. In his spare time, Andrew enjoys sports and the outdoors. Some of his memorable moments include running the Boston and Comrades Marathons, as well as playing rugby and field hockey at a provincial level.



MICHAEL WURMSER

Founder & Deputy CEO

NORGE MINING



An astute economist and entrepreneur, Michael will advise on the finances and strategic direction of Norge Mining. He's worked for Citibank Zurich, and has held a prestigious array of senior positions at multinational financial institutions in New York and Frankfurt. He's previously been mandated by various governments, finance ministries and state banks to help settle sovereign debts. Over the years, Michael has advised on structure financing for companies in the natural resources, commodities and mining sectors in Russia, the Middle East and Mongolia.



DR. ALI SOOFASTAEI

AI Program Leader

VALE



Dr. Ali Soofastaei is a global artificial intelligence (AI) industrial projects leader, an educational programs instructor, international keynote speaker, academic editor, and professional scientific author. Dr. Soofastaei has been involved in industrial research and development projects in several industries, including oil and gas (Royal Dutch Shell); steel (Danieli); and mining (BHP, Rio Tinto, Anglo American, and Vale). His extensive practical experience in the industry has equipped him to work with complex industrial problems in highly technical and multi-disciplinary teams. Currently, Ali is leading the Soofastaei-Businesses, an organization focused on digital transformation, practical innovations, and value chain improvement by applying integrated AI solutions. Ali completed his Ph.D. and Postdoctoral Research Fellow at the University of Queensland, Australia, in the field of AI applications in mining engineering, where he led a revolution in the use of Deep Learning and AI methods to increase energy efficiency, reduce operation and maintenance costs, and reduce greenhouse gas emissions in surface mines. In the past 15 years, he has provided practical guidance to postgraduate students in different prestigious universities across the world as a principal industrial advisor. Leading actively industrial analytical based projects in giant industrial companies, designing and presenting innovative educational programs, keynote speaking in important conferences around the world, having more than one hundred published papers, books, and technical documents, and working with prestigious publishers to provide the scientific resources has made him a pioneer leader in creating a digital revolution in industry 4.0.



ØYSTEIN RUSHFELDT

CEO

NUSSIR ASA



Nussir ASA, Øystein Rushfeldt, CEO, M.Sc Technology. Mining engineer with 34 years of experience from various positions in Norwegian and international mining companies. Rushfeldt has been CEO at Nussir ASA since 2009 and was Chairman of the Nussir board from 2008-9. Employed as technical director and Sauda Plant manager of Eramet Norway AS during 2008-09. During 2004 – 08 managing director of Titania AS a major manufacturer of titanium feedstock. Before that, he worked for 8 years at Hustadmarmor AS (now owned by Omya AG) as a production engineer, production manager and operations manager, and for 8 years as a process engineer at AS Sydvaranger, Norway's then largest iron ore company. Rushfeldt is a graduate of the Norwegian Polytechnical University, Trondheim (now NTNU). He has served as president of the Norwegian Mining Association, as well as the Norwegian Miners society. Rushfeldt received the Nordic exploration award in 2014 for the exploration successes at Nussir and for the ability to build acceptance with the local community.



COLIN NEXHIP

Vice President Asset & Energy Management

NEWMONT



Colin Nexhip is Vice President – Assets & Energy Management at Newmont Corporation, the world's leading gold producer. Colin's role oversees the management of their global assets base, including Operational Support Networks. He also leads the Energy and Decarbonization Program, supporting Newmont's 2030 emissions reductions targets and also their 2050 net zero target. Colin has been with Newmont for over 3 years, and his previous mining related experience includes working for the Commonwealth Scientific and Industrial Research Organization, mining commodities and copper smelting experience within Rio Tinto, as well as experience in rare earth minerals production. Colin also has leading operational experience in the Critical Materials space, whereby he has previously been an invited speaker to the European Commission in Brussels, and the US Department of Energy. He holds a PhD in Chemical Engineering from the University of Melbourne, and is currently based in Denver, Colorado.



ROLF KUBY

Director General

EUROMINES



Rolf Kuby has extensive experience with over 22 years in public affairs and EU advocacy and 8 years of active involvement in sustainability strategies. Rolf is also a senior expert in EU Sustainability, Environment, Climate and Energy policies. Rolf's most recent roles were Head of EU Brussels Office of Wirtschaftsvereinigung Stahl and previously Director External Affairs and Head of EU office at Aurubis.



IAN A. BRODIE-BROWN

Director of Business
 Development

BIG TREE CARBON INC



Ian A. Brodie-Brown is the Founder of Big Tree Carbon Inc (TSXV:BIGT) where he is the Director of Business Development. Mr Brodie-Brown has spent his career in the resource business having worked around the globe representing the mining profession in various Executive roles. Recognizing the opportunity to expand the Natural Resource business into resource enhancement and protection through an annual carbon harvest, biodiversity and clean water credits - Big Tree transitioned from a pure mineral exploration play into a modern Natural Asset Development company. This reflects the insight and forward thinking that Ian is known for. Whether working globally, as in Afghanistan for the U.S. governments Task Force for Business Stability Operations or transitioning Big Tree as a First Nations lead company that represents the modern objectives of participation and inclusion, Ian is a lifelong seeker of understanding, between others and the role of Nature in everything we do. It is his firm belief that the next great resource opportunity is the Natural Asset Resources Sector specifically Carbon, Biodiversity and clean water offsetting.



CARL WEATHERELL

Executive Director & CEO
**CANADA MINING INNOVATION COUNCIL
 (CMIC)**
 President
RETHINK MINING VENTURES



Carl is a natural connector bringing together disparate and seemingly unrelated people, groups, and organizations to transform possibilities into plans and plans into action. The hallmark of Carl's experience is collaboration and building innovation ecosystems to solve complex problems. As such, he provides strategic advice on partnerships, business development and intellectual property to organizations of all sizes. His experience includes over 40 consortia comprised of more than 500 organizations from business, government, and academia, spanning industries from mining, software, microelectronics, cybersecurity, photonics, and aerospace and defence. He has worked with organizations in Canada, the United States, Europe, Australia, South America, and Saudi Arabia. Carl has won awards for breakthrough leadership and technology transfer and holds an M.Sc. from Carleton University and a B.Sc. from the University of Waterloo.



MICHAL KOWALCZYK

VP ESG Strategy

KINROSS GOLD CORPORATION



Michal Kowalczyk is the Vice President of ESG Strategy at Kinross. He joined Kinross in 2014 and has held progressively more senior roles in the Operations Strategy team overseeing Strategic Planning, Continuous Improvement, and Innovation, which he launched as a new function. He has also led a number of special projects; most recently the development of Kinross' strategy and action plan for the reduction of greenhouse gas emissions, and business reliance and continuity planning during COVID-19. Prior to Kinross Michal was a management consultant with PwC and a rock engineering specialist with Golder. He is a licensed Professional Engineer (Geotechnical) and holds a B.A.Sc. and M.Eng. in Civil Engineering from the University of Toronto.



KEVIN PCJ D'SOUZA
 Chief Sustainability Officer

RESOURCE CAPITAL FUNDS



Kevin PCJ D'Souza - Kevin is a recognized professional and thought leader with 30 years of direct experience in responsible mining including Environment Social Governance (ESG) related issues, security management, and diversity & inclusion. Kevin is currently the Chief Sustainability Officer with Resource Capital Funds where he leads the full integration of ESG throughout the company's investment processes. Kevin has a proven and successful track record focused on creating value through informed strategic planning, governance, and tactical operational implementation for numerous top, mid-tier, and junior mining companies. He has worked directly for or consulted to, numerous mining companies including many of the industry's majors such as Barrick Gold, AngloGold Ashanti, Gold Fields, Rio Tinto, BHP Billiton, Kinross, and De Beers and was recently the VP of Security, Sustainability & Environment for Centerra Gold. He has gained wide-ranging knowledge and experience in a variety of operational, managerial, and executive leadership roles from remote exploration camps, mine construction sites, operational mines, and closure sites, to Corporate and Ministerial offices. Kevin is known for his strong cross-cultural competency and deliberate relationship-based approach and has also worked extensively on mining-related developmental programs for major NGOs and with International Funding Institutions (IFIs) supporting emerging market Governments on mining development policy reform and mining investment programs (including the World Bank, IFC, EBRD, ILO, USAID and the UK's DFID). Throughout his career, Kevin has amassed direct mining experience in over fifty countries worldwide with a deliberate and dedicated focus on developing countries in Central Asia, Oceania, South America, and sub-Saharan Africa. He has an MEng in Mining Engineering from the renowned Royal School of Mines in London, England (Imperial College of Science, Technology & Medicine). Kevin is also currently a committee member of the new Canadian Black North Initiative (BNI), a Board member of Women in Mining (Canada), a mentor on the International Women in Mining (IWIM) mentoring program, and a member of the international Mining Security Working Group (MSWG).



PIERRE-PHILIPPE DUPONT
 Vice President Sustainable
 Development

CANADA NICKEL COMPANY



Pierre-Philippe has over fifteen years experience in leading efforts to successfully acquire environmental, community stakeholder and First Nation approvals for mining projects. For ten years he worked with RNC Minerals to successfully permit the large-scale Dumont Nickel project with broad support from the local community and First Nation stakeholders through the implementation of an extensive consultation process that is now regarded and applied as a model. Prior to this, he was also involved in the permitting process of major resource projects such as the Canadian Malartic Gold Mine and the Nunavik Nickel Mine. Before his appointment with Canada Nickel, he served as Director of Sustainability at Glencore's Horne Copper smelter where he was responsible for the environment, health and safety, governance, communications, and community relations departments. Pierre-Philippe holds a Bachelor Degree in Biology and a Masters Degree in Science from Laval University.



SAMUEL FRIMPONG

PhD, PEng, Professor and Robert H. Quenon Endowed Chair,
 United Nations Environmental Program
 Expert on Sustainable Mining and Metals,
 Director, Heavy Mining Machinery Research
 Laboratory, Director, The MERIT Center

Samuel Frimpong is Professor and the Robert H. Quenon Endowed Chair at S&T. He is also the Director, Heavy Machinery Research Laboratory and Director for The MERIT Center. He holds PhD from University of Alberta, Canada. His professional experience includes over 30 years of research and teaching, over 20 years of university leadership and administration, and several years of industry practice. His research areas include mine automation and intelligent mining systems, formation excavation, machine dynamics and fatigue modeling, synthetic and renewable energy, and mine safety and health. Frimpong has been recognized with the 2018 Faculty External Recognition Award by S&T; 2018 Outstanding Faculty of the Year Award by Sigma Chi Fraternity at S&T; 2017 Daniel C. Jackling Award by Society for Mining, Metallurgy and Exploration (SME); 2010 S&T Chancellor's Leadership Award; Robert H. Quenon Endowed Chair by S&T, MO (2004-Date); Distinguished Lecturer Award by Canadian Petroleum Institute (1998-04); 1997 Award of Distinction by World Mining Congress; University of Alberta/CIDA PhD Scholar (1989-92); Life Patron of George Grant Univ. of Mines and Tech. Alumni Association (2001-Date); 1989 Grand Award by the NW Mining Assoc., UNESCO Research Fellow (1986-88) and State Gold Mining Corporation Gold Scholar (1981 – 1986). Frimpong is a member of APLU Board on Natural Resources, College of Reviewers for Canada Foundation for Innovation and Canada Research Chairs' Program and American Society of Civil Engineers (ASCE)-UNESCO Scientific Committee on Emerging Energy Technologies and served 4 years as its co-chair. He served 5 years as a member of CDC-NIOSH Research Board, and 2 years on Japan's Global Warming Research Consortium. He is currently the Editor-In-Chief of the Journal of Powder Metallurgy and Mining; Editor-In-Chief of International Journal of Mining Engineering and Technology; and Editor for 6 other refereed international journals. He served 5 years as Associate Editor for ASCE Journal of Energy Engineering and Chair of the Graduate Program Review Committee of the Energy Engineering Program at UNI in Lima, Peru. Frimpong has led major global academic efforts with universities and educated several professionals in Australia, Botswana, Brazil, China, Dominican Republic, Ecuador, Ghana, Indonesia, Mongolia, Peru, and Saudi Arabia. He is a Professional Engineer and a Member of the Association of Professional Engineers and Geoscientists of Alberta, Canadian Institute of Mining, Metallurgy and Petroleum, SME, ASCE, and Society for Modeling and Simulation International.

About the Organizer

What We Do

At Future Bridge our mission is to guide today's companies in embracing tomorrow with certainty. All of our activities are aimed to build value for today's industries and facilitate their sustainable and long-term growth, providing a seamless transition into the digital era, as well as assisting with better adapting to ever-changing environmental policies without compromising efficiency.

How We do It

Future Bridge organizes B2B corporate events, conferences and summits. Please visit our Upcoming Events for more information on upcoming projects. Utilizing our global behind-the-scenes access to exclusive information and a vast network of industry experts, Future Bridge is the partner of choice for organizing tailored conferences or specific business activities tailored to meet your organization's goals.



www.future-bridge.eu

**FUTURE
BRIDGE**
we provide certainty

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