



IGF 2019

October 7-11, 2019
Palais des Nations, Geneva
MINING IN A CHANGING CLIMATE

Monday, October 7 – Intergovernmental Workshop (Government Delegates Only)

Tuesday, October 8 – Annual General Meeting Day 1

Time	Agenda Item	Location
08:00–10:00	Registration and Security	Pregny Gate
10:00–11:15	<p>SESSION 1: FORMAL OPENING AND SECRETARIAT UPDATE</p> <p>SPEAKERS:</p> <ul style="list-style-type: none"> - Alexander Medina, IGF Executive Committee Chair - Isabelle Durant, Deputy Secretary-General, UNCTAD - Nathalie Bernasconi, Senior Director, IISD 	Room XXVI
11:15–11:45	Morning Networking Break	
11:45–13:00	<p>SESSION 2: IMPACTS AND POLICIES OF MINING IN A CHANGING CLIMATE</p> <p>This session will explore the AGM's theme and provide the global context for key topics in future sessions including global climate commitments, low-carbon trends, policy implications for governments, and measures to address adaptation and mitigation in the mining sector.</p> <p>MODERATOR: Greg Radford, Director, IGF Secretariat</p> <p>PANELISTS:</p> <ul style="list-style-type: none"> - Jan Kosmol, Policy Officer, German Environment Agency, Government of Germany - Kirsten Hund, Senior Mining Specialist, World Bank - Osvaldo Urzúa, Director, Centro de Estudios del Cobre y la Minería 	Room XXVI
11:45–13:00	<p>SESSION 3: PARTNERSHIPS FOR CHANGE: FOSTERING VOLUNTARY SUSTAINABILITY INITIATIVES</p> <p>How can partnerships in the mining sector ensure a more sustainable supply chain? An expert panel will discuss how voluntary sustainability initiatives can contribute to the sector's sustainable development when done collaboratively and the need for harmony among the growing number of multi-metals initiatives.</p> <p>MODERATOR: Gillian Davidson, Executive Board, Global Battery Alliance</p> <p>PANELISTS:</p> <ul style="list-style-type: none"> - Matthew Wenban-Smith, Executive Director, Responsible Steel - Aimee Boulanger, Executive Director, Initiative for Responsible Mining Assurance - Ben Chalmers, Senior Vice President, Mining Association of Canada 	Room XXV

Tuesday, October 8 – Annual General Meeting Day 1 (continued)

Time	Agenda Item	Location
13:00–15:00	<p>Lunch</p> <p>(14:00–15:00) – An Interactive Session on Gender Responsive Human Rights Due Diligence in the mineral supply chain led by Women’s Rights and Mining (WRM)</p> <p>WRM is a collaborative effort of the Dutch Ministry of Foreign Affairs, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), Global Affairs Canada, and civil society organizations including IMPACT, ActionAid, Simavi, Solidaridad and KIT Royal Tropical Institute.</p>	Room XXV
15:00–16:15	<p>SESSION 4: RISKS AND OPPORTUNITIES: CLIMATE CHANGE ADAPTATION IN MINING</p> <p>Climate change presents the mining sector with an increasing number of risks and opportunities, both today and in the future. This session will focus on identifying the key impacts of climate change on the mining sector and discuss how the sector—including governments and companies—is responding by adapting to negative impacts and increasing their resilience going forward.</p> <p>MODERATOR: Anne Hammill, Director of Resilience, IISD</p> <p>PANELISTS:</p> <ul style="list-style-type: none"> - Sean Capstick, Principal, Golder Associates - Nick Cotts, Vice President, Sustainability & External Relationships, Newmont - Geoffrey Omedo, Programme Officer, Government of Kenya 	Room XXVI
	<p>SESSION 5: STRENGTHENING ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENTS (ESIAs)</p> <p>There are several challenging and important topics specific to environmental and social impacts of mining projects that require special attention such as climate change, human rights, and gender considerations. How should these issues be integrated into ESIA processes and management plans over the life cycle of the mine? This session will explore various approaches, challenges and opportunities for effective and integrated ESIA governance.</p> <p>MODERATOR: Clémence Naré, Outreach Manager and Law Advisor, IGF Secretariat/IISD</p> <p>SPEAKERS:</p> <ul style="list-style-type: none"> - Kristi Disney Bruckner, Executive Director, Sustainable Development Strategies Group - Martha Ly, Associate-Regional Leader of EIA, Golder Associates - [TBC], Government Representative 	Room XXV
16:15–16:45	Afternoon Networking Break	
16:45–18:00	<p>SESSION 6: RENEWABLE ENERGY AND EFFECTIVE POLICY FRAMEWORKS</p> <p>How can the mining sector integrate more use of renewable energy to reduce and mitigate its carbon emissions? This session will discuss case studies and ways governments can incentivize and create effective policy frameworks.</p> <p>SPEAKERS:</p> <ul style="list-style-type: none"> - Alexandra Guaqueta, Global Practice Leader, External Affairs & Communities, Rio Tinto - Thomas Koch Blank, Principal, Rocky Mountain Institute - Osvaldo Urzúa, Director, Centro de Estudios del Cobre y la Minería 	Room XXVI
	<p>SESSION 7: ARTISANAL AND SMALL-SCALE MINING (ASM) STRATEGY MARKETPLACE</p> <p>The development and implementation of ASM management strategies can present a significant path for countries wishing to strengthen the governance of their ASM sectors, in order to help ensure the increasing contribution of the sector to livelihoods and sustainable development. This marketplace session will explore active efforts among member states to manage the challenges and opportunities associated with ASM within their countries.</p> <p>MODERATOR: Alec Crawford, Senior Researcher, IGF Secretariat/IISD</p> <p>SPEAKER:</p> <ul style="list-style-type: none"> - Rachel Perks, Senior Mining Specialist, World Bank <p>MARKETPLACE PRESENTATIONS:</p> <ul style="list-style-type: none"> - Brazil, Burkina Faso, Ghana, Honduras, Mali, Nigeria 	Room XXV
18:00–19:30	RECEPTION	Bar Serpent

Wednesday, October 9 – Annual General Meeting Day 2

Time	Agenda Item	Location
08:00–10:00	Registration and security	Pregny Gate
10:00–11:15	<p>SESSION 8: GOVERNMENT STRATEGIES FOR LOW-CARBON MINERALS</p> <p>This session will present new global research on commodities and climate change while highlighting government strategies needed to help transition to a lower-carbon economy.</p> <p>MODERATOR: Kirsten Hund, Senior Mining Specialist, World Bank</p> <p>PANELISTS:</p> <ul style="list-style-type: none"> - Roberto Sarudiansky, Advisor, Mining Policy Secretariat, Government of Argentina - Claudine Sigam, Economic Affairs Officer, Commodities Branch, UNCTAD - Hilary Morgan, Director, International Affairs and Trade Division, Natural Resources Canada, Government of Canada - [TBC], Government Representative 	Room XXVI
10:00–11:15	<p>SESSION 9: THE VALUE OF PLANNING: MINE CLOSURE AND POST-MINING TRANSITION</p> <p>How can planning for closure lead to improved biodiversity or help keep local economies vibrant? This session explores how to sustain post-mining benefits and examples of governance for effective post-mining transition to attract responsible investors.</p> <p>MODERATOR: Eibhlin Doyle, Chief Geologist, Mining and Exploration Division, Government of Ireland</p> <p>PANELISTS:</p> <ul style="list-style-type: none"> - Jerry Garry, Managing Director, Mineral Resource Authority, Government of Papua New Guinea - Tom Butler, CEO, ICMM 	Room XXV
11:15–11:45	Morning Networking Break	
11:45–13:00	<p>SESSION 10: SUPPORTING TRANSITION IN COAL REGIONS</p> <p>Economies of coal-dependent regions can lag for decades, affecting workers, families and communities. This session will share current global experience on the transition from coal mining, the need for strong governance and consultation, assistance for workers, and technical advice on reclamation, land and asset repurposing.</p> <p>MODERATOR: Michael Stanley, Global Lead Extractives, World Bank</p> <p>PANELISTS:</p> <ul style="list-style-type: none"> - Chris Littlecott, Associate Director, Fossil Fuel Transition, E3G - Martin Weberink, CEO, German Hard Coal Association - Anna Zvolikevich, DTEK Representative in Brussels, DTEK - Catharina Sikow-Magny, Head of Unit, Energy Networks & Regional Initiatives, European Commission - Jhon Olivares, Director Dirección de Minería Empresarial, Ministry of Mines and Energy, Government of Colombia 	Room XXVI
11:45–13:00	<p>SESSION 11: TRANSFORMATIVE TOOLS FOR PROMOTING GENDER EQUALITY IN MINING GOVERNANCE</p> <p>Overwhelming evidence shows gender equality in mining is crucial to maximizing benefits, minimizing harm and reaching the Sustainable Development Goals. This session makes the case for why integrating gender in mining governance is important and presents resources, tools and practical examples that can be used by government officials to empower women and achieve gender equality in mining.</p> <p>MODERATOR: Gillian Martin Mehers, Learning Designer, Green Bright Learning</p> <p>PANELISTS:</p> <ul style="list-style-type: none"> - Sophie Kwizera, Policy Advisor Natural Resources and Just Transition, Action Aid - Fernanda Benavides, Senior Advisor, Social and Environmental Affairs, Ministry of Mines and Energy, Government of Colombia - Ayasgalan Molor, Head of the Finance Division, Ministry of Mining & Heavy Industry, Government of Mongolia 	Room XXV

Wednesday, October 9 – Annual General Meeting Day 2 (continued)

Time	Agenda Item	Location
13:00–15:00	<p>Lunch</p> <p>(14:00–14:30) – Tellus Geological Survey of Ireland</p> <p>Ireland's Tellus Programme is an ambitious multi-decade geological mapping program. It combines low level, high resolution multi-parameter airborne geophysics (magnetics, radiometrics and airborne EM) with regional baseline geochemistry (soils, stream sediments and stream waters) with data freely and openly available from the Geological Survey Ireland. The data acts as both an environmental baseline of the country, including mapping metals of interest to exploration and mining companies as well as a high-quality pre-competition geophysical dataset in a country where exploration targets are often located at significant depths. A number of exploration companies have now co-funded various campaigns of the airborne geophysics to provide significant cost savings to this Government funded initiative.</p> <p>(14:30–15:00) – OECD Guiding Principles for Durable Extractive Contracts</p> <p>This session will present the Guiding Principles developed through an open, intense, enriching four-year multi-stakeholder consultation process hosted by the OECD Policy Dialogue on Natural Resource-based Development. The <i>Guiding Principles</i> set out eight principles and supporting commentary that host governments and investors can use as a common reference for future negotiations of enduring, sustainable and mutually beneficial extractive contracts. They provide guidance on how resource projects can be developed to reflect the balance of risks and rewards that underpins durable contracts, while also taking into due account from the beginning community interests and concerns. After receiving the endorsement of participants in the 12th Plenary Meeting of the Policy Dialogue on Natural Resource-based Development on 20-21 June 2019, the Guiding Principles are being submitted to the OECD Development's Centre Governing Board for their formal adoption.</p>	Room XXV
15:00–16:15	<p>SESSION 12: ASM MINERALS FOR CLIMATE RESILIENCY</p> <p>Climate change—through rising temperatures, more variable rainfall, and increasingly frequent and intense extreme weather events—threatens sustainable development across the globe. This session will explore the increasingly important role that development minerals will play in building the resilience of communities and countries to withstand and recover from the impacts of climate change.</p> <p>MODERATOR: Caroline Ngonze, Programme Specialist, ACP-EU Development Minerals Programme, UNDP</p> <p>PANELISTS:</p> <ul style="list-style-type: none"> - Rajjeli Taga, Deputy Permanent Secretary, Ministry of Lands & Mineral Resources, Government of Fiji - Regina Asariotis, Chief Policy & Legislation Section, Trade Logistics Branch, UNCTAD - [TBC], Government Representative 	Room XXVI
	<p>SESSION 13: GLOBAL TAILINGS REVIEW CONSULTATION</p> <p>The United Nations Environment Programme (UNEP), the International Council on Mining and Metals (ICMM) and the Principles for Responsible Investment (PRI) share a commitment to the adoption of global best practices on tailings storage facility management across the mining industry. To further this commitment, they have co-convened the Global Tailings Review to establish an international standard on tailings management. The work of this review is led by Dr Bruno Oberle, supported by an expert panel, and informed by a multi-stakeholder advisory group (http://globaltailingsreview.org/about/governance). The first draft of the standard will be the subject of online public consultation in October and November 2019, complemented by in-country consultation across a range of mining jurisdictions in both the Northern and Southern hemispheres. This IGF event will be an opportunity for members and other stakeholders to learn more about the work of the Review, the intended outcomes, and, importantly, how they can contribute to the development of this standard.</p> <p>SPEAKERS:</p> <ul style="list-style-type: none"> - Bruno Oberle, Chair, Global Tailings Review - Tom Butler, CEO, ICMM - Elisa Tonda, Head, Consumption & Production Unit, Economy Division, UNEP - Susan Joyce, President, On Common Ground Consultants & GTR Expert Panel 	Room XXV
16:15–16:45	Afternoon Networking Break	

Wednesday, October 9 – Annual General Meeting Day 2 (continued)

Time	Agenda Item	Location
16:45–18:00	<p>SESSION 14: EUROPEAN PARTNERSHIP FOR RESPONSIBLE MINERALS (EPRM)</p> <p>This session will highlight the achievements of the multi-stakeholder initiative the European Partnership for Responsible Minerals (EPRM). EPRM started in 2016 and can be seen as an accompanying measure to the EU Regulation on Conflict Minerals. The goal of the partnership is to increase responsible mining in and sourcing from conflict and high-risk areas (CAHRAs) in the world. The mineral scope of the EPRM is tin, tantalum, tungsten and gold (3TG). The partnership is an international network on due diligence and is an instrument to finance projects on 3TG in CAHRAs. The proposed impact of the EPRM is to improve the livelihoods of miners and to improve the level of responsible sourcing of companies in general, and the EPRM members in particular. EPRM members are governments, companies, and civil society.</p> <p>MODERATOR:</p> <p>Jan Pieter Barendse, Policy Coordinator, Raw Materials, Ministry of Foreign Affairs, Government of The Netherlands</p> <p>PANELISTS:</p> <ul style="list-style-type: none"> - Boukje Theeuwes, Senior Policy Advisor, Solidaridad & EPRM Chair - Virginie Bahon, Head of Corporate Affairs, Valcambi - Louis Marechal, Senior Policy Advisor on Extractives, Investment Division, OECD - Jhon Olivares, Director Dirección de Minería Empresarial, Ministry of Mines & Energy, Government of Colombia 	Room XXVI
	<p>SESSION 15: STRANDED MINERAL ASSETS AND THE FUTURE OF MINING: EVIDENCE AND PRACTICE</p> <p>The panel discussion will focus on the risks and opportunities posed by asset stranding, the policy implications for mineral-dependent countries and practical steps being taken by mining companies to manage risks and profitability. It will seek to contribute to the policy debate on the future of mining and sustainable mineral-based development.</p> <p>MODERATOR:</p> <p>Vanessa Ushie, Division Manager, Policy, African Natural Resources Centre, African Development Bank</p> <p>PANELISTS:</p> <ul style="list-style-type: none"> - Richard Morgan, Head of Government Relations, Anglo American - Nicolas Maennling, Senior Economics & Policy Researcher, Columbia Center on Sustainable Investment - Janvier Nkurunziza, Chief, Commodity Research and Analysis Section, Commodities Branch, UNCTAD - Carolina Sanchez, Mining Policy Secretary, Government of Argentina - Vincent Kedi, Principal Engineer (Mining), Ministry of Energy & Mineral Development, Government of Uganda 	Room XXV

Thursday, October 10 – Annual General Meeting Day 3

Time	Agenda Item	Location
08:00–10:00	Registration and security	Pregny Gate
	SESSION 16: IGF General Council (Members Only)	Room XXVI
10:00–11:15	<p>SESSION 17: THE FUTURE OF WORK</p> <p>This session will follow the format of a forum conversation jointly hosted by the International Labour Organization and the IGF to dissect what the future of work will look like in the mining sector and what that means for creating shared value.</p> <p>MODERATORS:</p> <ul style="list-style-type: none"> - Aaron Cosbey, Senior Associate, IGF Secretariat/IISD - Casper Edmonds, Head of Unit, Extractives, Energy and Manufacturing, Sectoral Policies Department, ILO <p>PANELISTS:</p> <ul style="list-style-type: none"> - Jörgen Sandström, Head of Mining & Metals, WEF - Zainab Usman, Social Development Specialist, World Bank - Kemal Ozkan, Assistant General Secretary, IndustriALL - Nicky Black, Director, Environmental Stewardship & Social Progress, ICMM 	Room XXV
11:15–11:45	Morning Networking Break	
	<p>SESSION 18: GREEN MINE OF THE FUTURE: MINING AND THE RESTORATION AGENDA</p> <p>How does restoration support the idea of a “green” mine? Mining brownfield sites is one strategy for greening the mining industry. Reprocessing tailings can reduce pressure on greenfield sites, enable the decontamination and restoration of damaged landscapes, and offer opportunities for net positive gains in terms of carbon balance and biodiversity. If reprocessing tailings is going to be a key strategy for greening the mining industry, what does good practice look like? Is policy aligned to support this objective? What are the current examples?</p> <p>MODERATOR:</p> <p>Estelle Levin-Nally, Founder & CEO, Levin Sources</p> <p>PANELISTS:</p> <ul style="list-style-type: none"> - Steve D’Esposito, President, RESOLVE - Victor Santoni, Panasia Fund Management - Richard Kofi Adjei, Chief Inspector of Mines, Minerals Commission, Government of Ghana - Olivier Demierre, Group Head of Corporate Social Responsibility, MKS Switzerland 	Room XXVI
11:45–13:00	<p>SESSION 19: BREAKING BARRIERS TO MINING REVENUE COLLECTION</p> <p>One of the most important keys to unlocking mining revenues lies in tax authorities having knowledge of the industry and access to information along the mining value chain. To a large extent, this can be achieved through greater cooperation between finance ministries that set tax policy, revenue authorities who administer tax regimes and mining ministries themselves. The panel will showcase how, in practice, effective cooperation between these authorities, supplemented by sector-specific capacity building and information-sharing tools, are being used to increase mining revenue collection in IGF member countries.</p> <p>MODERATOR:</p> <p>Mary Baine, Director: Tax Programmes, African Tax Administration Forum</p> <p>PANELISTS:</p> <ul style="list-style-type: none"> - Alexander Medina, Director of Mines, Ministry of Mines, Government of Dominican Republic - Andrew Gunua, Chief Mining Warden, Mineral Resources Authority, Government of Papua New Guinea - Bevon Sinclair, Chief Technical Advisor, Tax Authority of Jamaica, Government of Jamaica - [TBC], Government Representative 	Room XXV

Thursday, October 10 – Annual General Meeting Day 3 (continued)

Time	Agenda Item	Location
	<p>Lunch</p> <p>(14:00–15:00) – Revisiting Artisanal and Small-Scale Mining Policies in Africa (session will be in French)</p> <p>This session will focus on emerging environment friendly ASM management approaches. The discussions will feature speakers from the Union Economique et Monétaire Ouest-Africaine (UEMOA) Commission, the Alliance for Responsible Mining (ARM) and a representative of the Government of Guinea.</p>	Room XXVI
13:00–15:00	<p>Lunch</p> <p>(14:00–15:00) – Prior Consultation under ILO Convention 169 in Latin America (session will be in Spanish)</p> <p>Fifteen countries in Latin America and the Caribbean have ratified ILO Indigenous and Tribal Peoples Convention 169. The implementation of its prior consultation provisions has become increasingly challenging for Ministries of Mining throughout the region where projects are being suspended or even closed. Indigenous peoples are requesting better consultation processes and regulations, national and international courts are building jurisprudence on the subject and, consequently, the governance of the mining sector is currently disoriented. This lunch session will be an opportunity for governments of the region to discuss with ILO indigenous peoples team leader, Martin Oelz, about interpretation of the convention, common challenges, recommendations for implementation and future joint work.</p>	Room XXV
	<p>SESSION 20: NEW TECH: THE GREEN MINES OF TOMORROW</p> <p>New technology has the potential to fundamentally transform mining, from extraction to processing to waste management. This session will survey new and coming technologies that are aimed at improving environmental performance or that are greener as a side benefit of increased productivity.</p> <p>MODERATOR: Edwin Ritchken, Strategy Advisor to Department Public Enterprises, Government of South Africa</p> <p>PANELISTS:</p> <ul style="list-style-type: none"> - Janice Zink, Director Green Mining Innovation, Natural Resources Canada, Government of Canada - Scott Yarrow, Vice President Sustainability, Glencore - Richard Morgan, Head of Governments Relations, Anglo American 	Room XXVI
15:00–16:15	<p>SESSION 21: RESOURCE TAXATION IN A CHANGING WORLD</p> <p>Four years on from the OECD Base Erosion and Profit Shifting (BEPS) project, the world is once again at the crossroads of fundamental global corporate tax reform. Motivated by the challenge of taxing the modern digital economy, the OECD has opened up a comprehensive review of international tax rules. This represents an important opportunity to rethink the existing tax system and address the root causes of BEPS, including in the mining sector. The panel will discuss novel approaches to resource taxation that aim to safeguard against BEPS, as well as the current proposals for global tax reform.</p> <p>MODERATOR: - Alexandra Readhead, IGF Technical Advisor, Tax & Extractive Industries</p> <p>PANELISTS:</p> <ul style="list-style-type: none"> - Ann-Maree Wolf, Head of Tax, RioTinto - Norman Wingen, Advisor, Transfer Pricing Unit, OECD - Thomas Lassourd, Senior Economic Analyst, Natural Resource Governance Institute 	Room XXV
16:15–16:45	Afternoon Networking Break	
16:45–18:00	<p>SESSION 22: CLOSING REMARKS</p> <p>SPEAKERS:</p> <ul style="list-style-type: none"> - Nathalie Bernasconi, Senior Director, IISD - Yanchun Zhang, Chief, Commodities Branch, UNCTAD 	Room XXVI

Friday, October 11 – Annual General Meeting Day 4 Local Content Policy Technical Workshop

Time	Agenda Item	Location
08:00–10:00	Registration and security	Pregny Gate
10:00–10:15	OPENING & WELCOME REMARKS	Room XXVI
10:15–11:30	SESSION 1: IGF GUIDANCE FOR GOVERNMENTS: LOCAL CONTENT POLICIES <ul style="list-style-type: none"> • Part I: This session will introduce the IGF local content policies guidance document and will take participants through the four steps of the guidance. • Part II: Top challenge dive 	Room XXVI
11:15–11:45	Morning Networking Break	
11:45–13:00	SESSION 2: PRACTICAL SESSION TO FOCUS ON TWO TYPES OF LOCAL CONTENT <ul style="list-style-type: none"> • Part I: Local procurement and supply chain development • Part II: Downstream beneficiation • Participants will be invited to share their own experiences and lessons learned. 	Room XXVI
13:00–14:00	Lunch	
14:00–15:00	SESSION 3 (LUNCH SESSION) <ul style="list-style-type: none"> • Launching of the new IGF online training modules for local content policies (no translation) 	Room XXVI
15:00–16:30	SESSION 4: IMPACTS OF TECHNOLOGICAL CHANGE ON LOCAL CONTENT POLICIES <ul style="list-style-type: none"> • This session will discuss the trends in technological change and likely impacts these will have on employment and procurement. • Participants will be invited to reflect on the forms that local content might take, including potential changes to employment levels and procurement opportunities. 	Room XXVI
16:45–17:30	Closing	Room XXVI