



IGF

INTERGOVERNMENTAL FORUM
on Mining, Minerals, Metals and
Sustainable Development



2021 ANNUAL REPORT

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Published by the International Institute for Sustainable Development

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The International Institute for Sustainable Development (IISD) is an award-winning independent think tank working to accelerate solutions for a stable climate, sustainable resource management, and fair economies. Our work inspires better decisions and sparks meaningful action to help people and the planet thrive. We shine a light on what can be achieved when governments, businesses, non-profits, and communities come together. IISD's staff of more than 120 people, plus over 150 associates and consultants, come from across the globe and from many disciplines. With offices in Winnipeg, Geneva, Ottawa, and Toronto, our work affects lives in nearly 100 countries.

IISD is a registered charitable organization in Canada and has 501(c)(3) status in the United States. IISD receives core operating support from the Province of Manitoba and project funding from governments inside and outside Canada, United Nations agencies, foundations, the private sector, and individuals.



The Intergovernmental Forum on Mining, Minerals, Metals and Sustainable Development (IGF) supports more than 75 nations committed to leveraging mining for sustainable development to ensure negative impacts are limited and financial benefits are shared. It is devoted to optimizing the benefits of mining to achieve poverty reduction, inclusive growth, social development, and environmental stewardship.

The IGF is focused on improving resource governance and decision making by governments working in the sector. It provides a number of services to members including: in-country assessments; capacity-building and individualized technical assistance; guidance documents, and conferences which explore best practices and provide an opportunity to engage with industry and civil society.

The International Institute for Sustainable Development has served as Secretariat for the IGF since October 2015. Core funding is provided by the Government of Canada.



IGF

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Advancing Good Governance in Mining Within a New Global Reality

Throughout 2021, our members adapted to some of the worst crises society has seen, from the effects of COVID-19 to climate change. We tailored our support to help them advance their sustainable development goals.

Our 17th Annual General Meeting (AGM), Building Tomorrow Together: Mining for a Responsible and Inclusive Future, was held virtually. Over 1,500 registrants representing delegates from more than 100 countries, as well as companies, international organizations, and civil society, came together to further sustainable mining governance.

We adapted how we deliver our flagship Mining Policy Framework (MPF) to meet members' current realities. We conducted hybrid MPF Assessments alongside virtual capacity building and training to further support implementation across Africa, Asia, and Latin America and the Caribbean.

We published our fourth Guidance for Governments to advance members' effective management of natural resources and ecosystems throughout mining operations.

Our work on tax base erosion and profit shifting (BEPS) in mining continued to expand. We delivered three regional training sessions on international taxation to over 650 government officials in dozens of countries.

We have no plans to slow down. In 2021, we welcomed three new members: Costa Rica, El Salvador, and the United States, bringing our membership to 79 countries. The Government of the Netherlands also joined the Secretariat as a core funder alongside the Government of Canada.

We are proud to continue our work with governments and partners around the globe to advance responsible resource governance in mining.

Sincerely,



Greg Radford

Greg Radford
IGF Director



Maureen Coulas
Executive Committee Chair

2021 SNAPSHOT

2021 VIRTUAL AGM



1,500+
registrants

100+
countries
represented



3
days

15
sessions

34
speakers

MEMBERSHIP GROWTH

+ Costa Rica
El Salvador
United States of America

3
new members

79
total member
countries

DIGITAL COMMUNITY



12+
workshops

1,000+
workshop participants



15
webinars

3,600+
participants



+23%
Twitter followers

4,206
total followers

+38%
newsletter
subscribers



6,156
inboxes

We informed policy development on environmental management, taxation, mining governance, and more.

We covered community engagement, gender equality, new technologies, critical minerals, and more.



1,241
LinkedIn followers

2021 SUCCESSES

The Netherlands Makes 5-Year Funding Commitment to the IGF

The Government of the Netherlands, through its Ministry of Foreign Affairs, pledged EUR 5 million to support our work fostering sustainable development in the global mining sector.

AGM Ushers in a New Executive Committee

Election results bring new Executive Committee members representing Lesotho, Morocco, and Thailand.



New Guidance for Governments: Environmental Management and Mining Governance

We published our fourth comprehensive guidance document

to help governments manage water, biodiversity, waste, and emergency preparedness and response in mining.

Launching an Environmental and Social Impact Assessment (ESIA) Management Tool

We piloted and launched the IGF's Mining ESIA Tool to help governments identify opportunities to improve institutional capacity and legal frameworks around impact assessments for mining.



Advancing the MPF in Latin America

MPF assessments and capacity building were completed in Honduras and Panama. Work is currently under way for assessments in El Salvador and Mexico.

Fostering Knowledge on Supply Chains for Critical Minerals

Over 550 delegates joined the 2021 Mining and Sustainability Forum of the Americas to explore new regional policy opportunities for critical mineral supply chains.

1,500 Delegates Join the 17th AGM

The second virtual AGM, Building Tomorrow Together: Mining for a Responsible and Inclusive Future, brought together more than 1,500 delegates over 3 days.

Over 650 Policy-Makers Equipped to Deal With International Taxation

Our BEPS in Mining Program advanced expertise on international taxation across dozens of countries by delivering three regional training sessions to over 650 government officials.

Exploring the Role of Critical Minerals in Clean Energy Transitions

We partnered with the International Energy Agency to host a lively virtual event for over 220 registrants exploring what a rapid shift to clean energy technologies will mean for mineral demand.



Report Provides Policy Options for New Technologies

Our report *New Tech, New Deal* highlighted policy options for governments to promote shared benefits amid technological developments in the mining sector.



Putting Post-Mining in Focus

We published a series of case studies and reports about post-mining transition, financial assurance, and mine closure with examples from Argentina, Canada, Germany, South Africa, and more.





CONNECTING WITH MEMBERS

Leading the Global Discussion on Mining Governance at the 17th AGM

Our 17th AGM was themed Building Tomorrow Together: Mining for a Responsible and Inclusive Future to support our member countries navigating governance challenges amid global crises. The event included a series of virtual sessions covering important and emerging global issues for policy-makers and other stakeholders.

Artisanal and small-scale mining (ASM) continues to provide livelihoods for millions of people while presenting serious environmental challenges for governments and communities. We analyzed new approaches to restoring ASM sites and how multistakeholder collaboration can be used to revive ecological balance upon site closure.

New technologies will change mining work, affecting women and men differently. We looked at how these upcoming changes may affect gender balance in the sector and what can be done to ensure women thrive in the mines of the future.

The pandemic disrupted the mining sector's supply chains with temporary trade restrictions and shortages of critical materials. We



led discussions on the need to rethink national and regional sourcing strategies and secure local economic activities.

We also shed light on a topic of increasing importance: critical minerals and their role in supporting the transition to a low-carbon economy.

On tailings dam safety, AGM participants heard from a leading mining jurisdiction in Canada, who discussed their lessons learned from inclusive stakeholder engagement and policy and regulatory reforms on mine tailings governance.

We also discussed the need for collaboration to build resilience and promote inclusiveness. This will help governments, companies, and communities cope and recover from ongoing and future crises.

The 17th AGM brought together more than 1,500 registrants to explore solutions to harness mineral resources and build tomorrow together.

Supply Chains and Critical Minerals in the Americas

More than 550 virtual delegates from government, international organizations, academia, civil society, and the private sector joined the 2-day annual Mining and Sustainability Forum of the Americas, to discuss how critical minerals will fuel the shift to renewable energy. We highlighted how a low-carbon transition must be met with a sustainably managed minerals sector and supply chain.

Maximizing Mining Revenues Around the Globe

Now is the time for policy-makers to enhance their government's mining fiscal regime and maximize returns on mineral wealth. We hosted a webinar for over 400 registrants to reimagine domestic resource mobilization for sustainable development.

Technology Trends and Implications in Mining

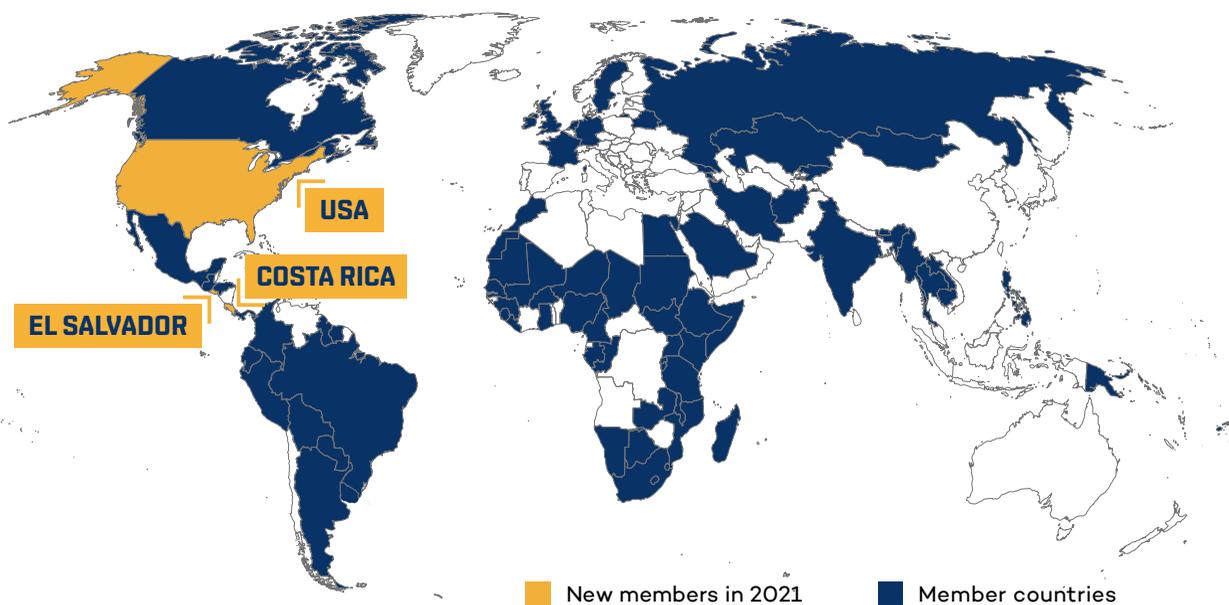
More than 300 people joined us over three online sessions to discuss the upcoming wave of new technologies entering the mining sector. We examined law and policy implications, as well as revenue collection, for governments. We also explored how new technologies can create or improve shared benefits for host governments and mining communities, with an emphasis on digital infrastructure.

Environmental Management in Asia

The annual ASEAN-IGF Mining and Sustainability Forum focused on circular economy initiatives and the environmental impacts of offshore mining in Asia. Delegates left with more knowledge on regulatory and institutional changes that governments can enact.



Our Members



Expanding our Global Impact With New Members

Responsibly managing biodiversity and natural resources, from soil and plants to the air and water communities depend on, is crucial to sustainable practices in the mining sector.

In 2021, three new members joined the Secretariat to strengthen their dedication to mining that strives for environmental stewardship and social development: Costa Rica, El Salvador, and the United States. We look forward to working with our new members to forge a path to improve resource governance, support a clean energy transition, and foster inclusive growth.

We are proud to now work with 79 member countries to help them advance their sustainable development goals and support thriving communities and economies.

IN-COUNTRY IMPACTS



Delivering our Flagship Mining Policy Framework Across Latin America

We help governments across the world leverage mining to achieve poverty reduction, inclusive growth, social development, environmental stewardship, and economic prosperity.

We do so through our flagship MPF, which outlines best practices for good environmental, social, and economic governance in mining, underpinned by six pillars.

In 2021, we worked across Latin America to develop and implement mining laws and policies based on MPF Assessments, as well as capacity building and training with governments.

We completed an MPF Assessment in Panama, a small nation with a fledgeling large-scale mining sector. Beginning in 2019, our work involved reviewing documents, including national and international laws and policies; conducting a 9-day field visit; and meeting with government, civil society, international organizations, and the private sector.

In early 2021, we released our report with recommendations to update Panama's legal framework to meet international standards and best practices on the environment, safety, mine closure and post-closure, and ASM.

Before the end of the year, the government was considering the implementation of three

The Six Pillars of the IGF's Mining Policy Framework

1. Legal and policy environment
2. Financial benefit optimization
3. Socio-economic benefit optimization
4. Environmental management
5. Post-mining transition
6. Artisanal and small-scale mining

tailored IGF guidelines on mine security and four on environmental management. We delivered workshops based on the country's regulations for each of these seven guidelines to further support the Government of Panama's implementation.



The impact of this work is still unfolding, but one notable element is the government's ability to re-negotiate terms for one of its largest mining projects with our recommendations embedded into the contract. //

Marina Ruete
Law Advisor, IGF

recommendations would be tailored to help the government optimize mining's benefits. We conducted our field visit and workshops in a hybrid virtual fashion to ensure the safety of participants.

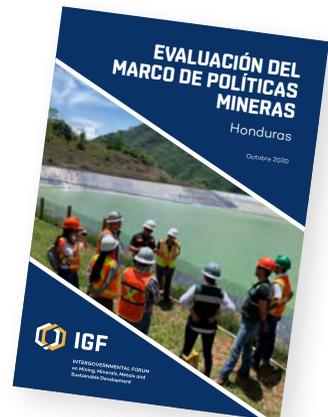
We also work with countries with small mining jurisdictions, such as El Salvador.

In 2021, the Government of El Salvador became a member and requested an MPF Assessment. Although their mining sector is small, it's fraught with challenges, as metallic mining is prohibited in El Salvador. Our team tailored the MPF process to focus on non-metallic mining with an emphasis on ASM and environmental management.

We also published an MPF Assessment for the Government of Honduras. Recommendations focused on formalizing ASM so communities that depend on the sector can maintain their livelihoods while mitigating the environmental impacts of ASM activities.

We also created a tailored approach for the Government of Mexico to accommodate their pandemic realities and the complexity of their mining industry.

Mexico is one of the world's largest metal producers. However, the country's sector is a mosaic of mining activities, including non-metallic projects and ASM. We adjusted our process by adding a thorough review of over 100 mining-specific regulations across Mexico to ensure our





“

We know a flexible approach to our MPF will help our members navigate how to enhance sustainable mining governance.”

Greg Radford
Director, IGF

Improving Impact Assessments in Lesotho

ESIAs are a key tool for governments to understand and manage the effects of mining projects. To be effective, a supportive legal framework, in line with global good practices, must be in place. But discerning such practices can be a challenge for policy-makers with so much variation across jurisdictions.

In 2021, we piloted and launched the Mining ESIA Tool (MET) to help our members implement our flagship Guidance for Governments on improving legal frameworks for ESIAs, released the year prior. This tool helps governments identify gaps in institutional capacity, legal and policy frameworks, and practices in mining ESIAs.

We piloted MET with Lesotho's Ministry of Mines during a 1-week workshop. The goal was to improve government officials' understanding of how the country's domestic laws, policies, regulations, and institutional arrangements compare to regional and international best practices.



The tool was quite useful. It has been an eye-opener into our daily activities as a regulator. //

Mohato Moima
Ministry of Mining, Lesotho

Thirty-five members of seven ministries and two organizations came together to use the tool and our Guidance for Governments to identify strengths and areas for improvement. The result was agreement on priority areas for government action and capacity building to strengthen ESIA processes. We also received input into the tool's effectiveness, which we took into account for an additional pilot in Ethiopia and the tool's launch in Côte d'Ivoire later that year.

Building Economic Potential in Argentina With Financial Modelling

Argentina has more than 30 promising but stalled mineral projects in its territory. The government wanted to know if its fiscal regime was impeding the investment needed to develop these projects into operating mines and create economic growth and thriving communities.

Our experts worked with the Government of Argentina to develop financial models for priority projects. These models assess the economic viability of proposed projects to help the government negotiate contracts with mining companies to optimize economic benefits and weigh the costs and benefits of tax incentives.

However, our work went beyond creating the financial models. We also trained officials within the Secretariat of Mining, the tax authority, and the finance ministry to build mining financial models themselves, ensuring that our impact will endure well into the future.



This cooperation with the IGF allowed us to build financial models for mining projects, providing us with a methodological framework and informing economic and tax policy recommendations to promote mining investment in a sector considered strategic by the national government. //

Jorge Andrés Vera
Subsecretary of Mining
Development, Secretariat of Mining



ADVANCING GENDER EQUALITY IN MINING



Fostering Over 1,700 Champions of Gender and Mining Governance

Governments and industry alike need gender-responsive policies and targeted programs to advance gender equality in mining. This is why we developed a free Gender and Mining Governance massive online open course (MOOC), which takes a multistakeholder approach exploring the role of government, industry, and civil society in gender and mining governance. The course covered various elements of gender inequality and discrimination in mining, including gender-based violence, women's participation in decision making, and investment in governance.

In 2021, we worked with partners to expand the inaugural course to fully translate all materials and lectures into French and Spanish, ensuring more people from underrepresented countries in Latin America and West Africa could benefit.

This effort was undertaken alongside our partners from the Environmental Governance Programme (EGP)—a joint initiative of the United Nations Development Programme (UNDP) and the Swedish Environmental Protection Agency—and UNDP's Learning for Nature Programme.

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Having the possibility to share our experiences and ask questions in three languages was fantastic. It allowed dialogue from people that otherwise wouldn't have participated.

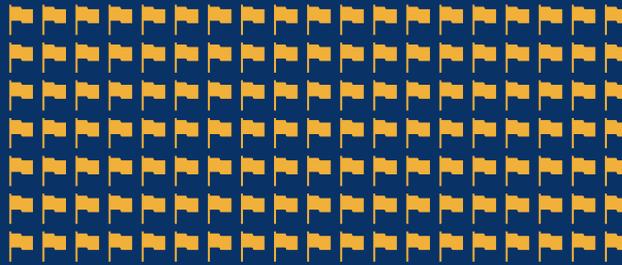
”

Catalina Cañas Yañez
Natural Resources Canada

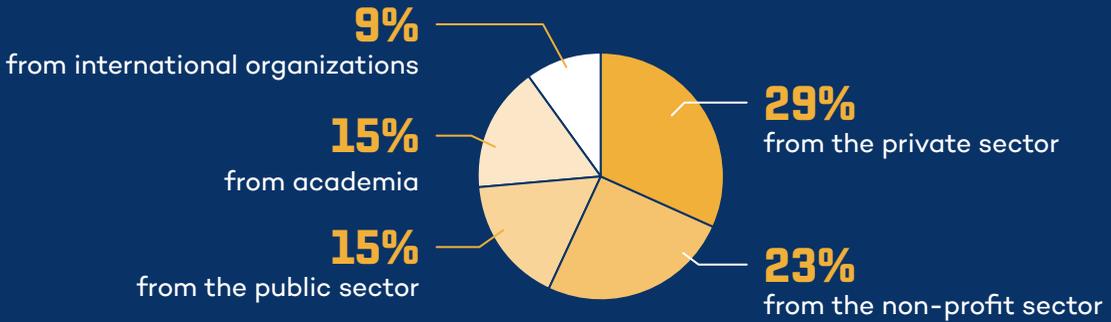
Gender and Mining Governance MOOC



1,747
participants



133
countries
represented



63%
of graduates said they could directly influence policy from their job

97.7%
of these individuals said they would use what they learned in the course to shape policy



97.7%
of graduates said they were satisfied or highly satisfied with their learning experience

For 2021, at the request of participants, we expanded these topics to also cover challenges and barriers for women in ASM, gendered impacts of COVID-19 in ASM, new technologies, and a deep dive into Canada's Gender-Based Analysis Plus assessment process.

The expanded MOOC attracted 1,747 participants from 133

countries with a 24% completion rate—more than double the industry average.

Together with our partners, we grew a community of practice with curated works and original knowledge to create a hub for fostering advocates of gender and mining governance.

Using Data to Empower Women in Mining

We cannot make meaningful recommendations to reform gender equality in mining without concrete data.

We know the upcoming technological evolution will be faster and stronger than anything seen before in mining. Without adequate data, we cannot predict if these new technologies—like automation and digitalization—will spur more opportunities for women or exacerbate existing inequalities and skills shortages.

Governments and industry alike need granular and accessible data to inform gender-responsive policies to empower women in mining. That's why we launched the Women and the Mine of the Future project alongside the International Labour Organization, International Women in Mining, and the United Nations Environmental Governance Programme.

In 2021, we kicked off phase one to create a baseline study. This provides a state of play of gender-disaggregated employment, education, pay, and skills data in large-scale mining. We are collecting and analyzing data from 11 countries: Australia, Brazil, Canada, Chile, Colombia, Ghana, Mongolia, Peru, South Africa, Sweden, and Zambia.

Our first goal is to identify challenges and gaps in data collection. Our second initiative will be to provide recommendations to close data gaps, such as capacity building within national statistics agencies and mining ministries to collect, compile, and analyze gender-disaggregated data. Women must be included in data to improve diversity, governance, and sustainability in the industry.

Our project, Women and the Mine of the Future, will chart a path to gender equality in mining.



Regulatory Tools for Inclusive Growth

Women are often excluded from decision-making processes, underrepresented in the mining workforce, and face harassment on and around mine sites.

These inequities mean women shoulder more burdens of mining while reaping minimal rewards.

Governments have the power to use regulatory tools to make the mining sector more inclusive so women can contribute equally and thrive, but gender-responsive measures are far from standard practice.

To support our members and the industry in advancing gender equality, we hosted a webinar with 469 registrants to present recent research on company practices and governments actions. Alongside the Responsible Mining Foundation, we explored the barriers and opportunities for further progress and showcased which regulatory tools drive stronger responses from mining companies.



Looking at Large-Scale Mining Through a Gender Lens

Throughout 2021, we published resources to aid governments advancing gender equality in mining to achieve their sustainable development goals.

A key report outlines seven areas where policy-makers can improve gender in mining governance: community development and local content, crisis management, impact assessments, land acquisition, legislation, stronger institutions, and women's safety and security.

We also launched a supplementary annotated bibliography with curated resources to inform governments' efforts.

We believe good governance can help remedy gender inequalities and create a more inclusive future for women in large-scale mining.

WHO WE ARE

Executive Committee

Maureen Coulas, Chair
Canada

Abdelaâli Lefdaoui
Morocco

Mohato Moima
Lesotho

Carmen Hagenarrs
The Netherlands

Dione Macedo
Brazil

Kridtaya Sakamornsnguan
Thailand

IGF Members

Afghanistan

Ethiopia

Malawi

Romania

Argentina

Fiji

Mali

Russian Federation

Armenia

France

Mauritania

Rwanda

Bhutan

Gabon

Mexico

Saudi Arabia

Bolivia

Georgia

Mongolia

Senegal

Botswana

Germany

Morocco

Sierra Leone

Brazil

Ghana

Mozambique

Somalia

Burkina Faso

Guatemala

Myanmar

South Africa

Burundi

Honduras

Namibia

South Sudan

Cambodia

India

Netherlands

Sudan

Cameroon

Ireland

Niger

Suriname

Canada

Islamic Republic of Iran

Nigeria

Sweden

Chad

Jamaica

Panama

Tanzania

Colombia

Kazakhstan

Papua New Guinea

Thailand

Costa Rica

Kenya

Paraguay

Uganda

Dominican Republic

Kyrgyz Republic

Peru

United Kingdom

Ecuador

Laos

The Philippines

United States of America

Egypt

Lesotho

Republic of Guinea

Uruguay

El Salvador

Liberia

Republic of the Congo

Zambia

2021 Annual Report: Activities Annex

The Annual Report: Activities Annex is a catalogue of events undertaken by the Intergovernmental Forum on Mining, Minerals, Metals and Sustainable Development (IGF) in 2021. It includes conferences, forums, webinars, and capacity-building and training workshops the Secretariat led or co-hosted but does not include events where our team members were panellists.

January

Global Digital Tax Reforms: Implications for mining nations, January 21

The African Tax Administration Forum (ATAF) and the IGF held this closed webinar for the Secretariat's members to explore how global digital tax reforms may affect resource-rich countries. The virtual event was held in English, French, and Spanish for over 110 registrants.

February

Transfer Pricing in Mining, February 24–April 14

This 7-day workshop, held across 3 months, focused on general transfer pricing analysis and risks in the mining sector. Over 40 policy-makers from the Government of Senegal joined the virtual workshop, which was held in French.

March

PDAC-WEF International Mines Ministers Summit: Preparing for the Future: Building resilience in the mineral industry, March 15

Government officials from 20 countries across five continents participated in this annual event, held virtually for the first time. The IGF co-hosted the summit alongside the Prospectors & Developers Association of Canada and the World Economic Forum. Participants explored the importance of a resilient mining sector to provide financial and socio-economic benefits in a time of crisis.

April

Tax Audit Workshop, April 5–8

This 3-day virtual workshop for officials from the Mongolian Tax Authority and other departments within the Government of Mongolia explored the interaction between different sources of law governing international mining investments with a focus on the taxation of foreign investors in the country. The workshop was held in English and Mongolian.

The Future of Resource Taxation’s Call for Ideas, April 13

This informational webinar, hosted in partnership with the ATAF, provided further information to those interested in answering the call for ideas for the IGF and ATAF’s joint Future of Resource Taxation project. It will explore policy ideas to help resource-rich developing countries maximize mining revenues.

Maximizing Revenues for Sustainable Development in the 21st Century, April 14

Over 400 delegates registered for this webinar to take stock of the current mining taxation system and reforms needed to ensure the sector contributes to financing the Sustainable Development Goals. This webinar was co-hosted by the ATAF and was an official side event of the 2021 United Nations Economic and Social Council (ECOSOC) Forum on Mining for Development.

Technology Trends and Implications in Mining, April 21

Part one of this three-part webinar series focused on the law and policy implications of new technologies entering the mining sector, including impacts on government revenue. Over 80 delegates registered for this webinar, which was hosted alongside CONNEX in English and French.

Global Digital Tax Reforms and Mining: The issues of timing differences, April 29

The ATAF and the IGF hosted this webinar for nearly 120 registrants to explore how timing differences could lead to lost investments and revenue from the mining industry in resource-rich countries.

ESIA Legal and Policy Gap Analysis for Ethiopia, April 20–21

We delivered a workshop and piloted the IGF’s Mining ESIA Tool to government officials in Ethiopia to identify gaps in their legal framework

for environmental and social impact assessments. Policy-makers from the Ethiopian Ministry of Mines and Petroleum; Environment and Community Development Directorate; and Environment, Forest and Climate Change Commission were in attendance. .

May

Coal Pricing and the Coal Value Chain for Royalty and Tax Assessments, May 13–14

Alongside the Organisation for Economic Co-operation and Development, we delivered this workshop to more than 120 officials within the Government of Colombia to bolster knowledge on defining coal prices for royalty collection ahead of the government's methodology reform.

June

The Role of Critical Minerals in Clean Energy Transitions, June 2

The International Energy Agency and the IGF co-hosted a webinar for over 220 registrants to dive into the mineral demand implications of a rapid shift to clean energy technologies and the implications for the mining sector.

International Taxation and the Mining Sector Regional Training Series in Latin America and the Caribbean, June 4–October 29

This eight-part virtual course was held between June and October for more than 220 government officials in 18 countries across the Latin America and the Caribbean region, as well as Lusophone Africa, to explore the theory and practice of international taxation with a mining industry lens that focused on developing and emerging economies. This course was held in English, Portuguese, and Spanish.

Technology Trends and Implications in Mining, June 23

The second installment of this three-part webinar series focused on how advancements in technology in the sector may affect mining communities, as well as their relationships with governments and mining companies. This webinar was co-hosted by CONNEX for over 150 registrants in English and Spanish.

International Taxation and the Mining Sector Regional Training Series in Africa, June 24–November 18

This virtual course consisted of eight sessions held between June and November for 270 policy-makers in 34 countries across Africa to explore international tax developments within the sector and how to improve mining revenue collection. This course was held in English and French.

July

2021 Mining and Sustainability Forum of the Americas: Regional supply chains for critical minerals, Session 1, July 27

Over 550 delegates joined us virtually for the annual Mining and Sustainability Forum of the Americas, hosted in English and Spanish. This opening session discusses emerging challenges and opportunities in Latin America around critical minerals for the low-carbon energy transition. This virtual event was held in partnership with the Inter-American Development Bank (IDB) and the Mines Ministries of the Americas Conference (CAMMA).

ESIA Legal and Policy Gap Analysis for Lesotho, July 19–23

This workshop brought together 35 attendees from various government agencies at national and local levels, as well as civil society and ESIA practitioners, to pilot the IGF's Mining ESIA Tool. The goal was to help policy-makers better understand how the country's domestic laws, policies, regulations, and institutional arrangements compare to regional and international best practices.

August

2021 Mining and Sustainability Forum of the Americas: Regional supply chains for critical minerals, Session 2, August 10

In the final part of this two-part virtual event, delegates explored proposals to strengthen supply chains across Latin America and how critical minerals will fuel the shift to renewable energy and electrification.

ASEAN-IGF Mining and Sustainability Forum: Environmental impacts of offshore mining, August 27

In the first session of this virtual event, we explored legal systems to regulate offshore mining, how to mitigate environmental impacts, and technological concerns.

Design and Implementation of Ring-Fencing Rules in Mongolia, August 30–September 2

This virtual workshop was held for members of the Mongolian Tax Authority and other government officials to explore the implementation of effective ring-fencing rules in Mongolia's mining sector and how to navigate implementation challenges. This workshop was held in English and Mongolian.

September

Valuing Minerals Exports for Tax Purposes, September 10–October 15

This virtual workshop, held over 4 days across 2 months for 65 policy-makers within the governments of Honduras and Panama, explored how to effectively value mineral exports for tax purposes.

Gender and Mining Governance E-Learning Course, September 13

This 4-week virtual course showcased research from leading institutions and the industry to build awareness and skills for gender governance in mining. The course was held in English, French, and Spanish in partnership with the United Nations Development Programme and the Environmental Governance Programme.

New Tech, New Deal: Findings and new directions on the changing face of mining, September 15

This webinar launched our new report, *New Tech, New Deal: Mining Policy Options in the Face of New Technology*, to over 140 registrants. We examined policies and collaborations available to governments to address ongoing technology-driven changes in mining. This webinar was held in English, French, and Spanish.

International Taxation and the Mining Sector Regional Training Series in Asia and the Pacific, September 15–November 17

This four-part course explored international taxation and designing and enforcing mining taxes, royalties, and other fiscal instruments. It was held virtually for government officials across 23 countries.

Demand and Regulatory Framework for Deep Sea Minerals, September 22

Alongside the International Seabed Authority, we hosted this closed webinar for IGF and International Seabed Authority members to explore the core components of the legal regime governing deep seabed mining

and how the sector fits into potential increased demand for critical mineral inputs for an energy transition away from fossil fuels.

Regulatory Tools for Gender Equality in Mining, September 28

We highlighted recent research on company practices and government actions on gender equality in mining for the nearly 470 registrants of this webinar. We explored what gender-responsive action in mining looks like and how regulatory tools can drive stronger action. This virtual event was held in partnership with the Responsible Mining Foundation (RMF).

Macroeconomic Risk Training with Kyrgyz Republic, Papua New Guinea, and Senegal, September 16–17 and 23–24

This two-part training series was used to pilot our new technical assistance tool for macroeconomic risks in mining. Sixteen policy-makers joined two sessions, held in English and French, respectively, to dive into the tool and benefits to mining governance in their countries.

October

ASEAN-IGF Mining and Sustainability Forum: Mining and circular economy, October 5

In the second session of this virtual event, we explored strategies governments can implement to transition to a circular economy and improve environmental management in mining.

17th Annual General Meeting: Building Tomorrow Together – Mining for a responsible and inclusive future, October 19–21

Over 1,500 registrants joined us virtually across 3 days for our Annual General Meeting to explore timely topics in mining governance, including artisanal and small-scale mining, post-mining transition, gender equality, new technologies, community engagement, and more.

November

Protecting the Right to Tax Mining Income: Tax treaty practices in resource-rich countries, November 30

This webinar explored how to equip governments of resource-rich developing countries to decide if tax treaties are necessary and how to design them in a way that safeguards their right to tax mining income at

all stages of the mining value chain. This virtual event was held in English, French, Spanish, and Mongolian for over 500 registrants.

Capacity Building for Côte d'Ivoire Officials on Mine Closure and Rehabilitation, November 30–December 2

We trained policy-makers on mine closure and rehabilitation as part of the launch of IGF's Mining ESIA Tool. We worked with participants to identify gaps in Côte d'Ivoire's ESIA legal framework and institutional practices to support them in creating a roadmap to improve mining governance.

December

Technology Trends and Implications in Mining: Shared (digital) infrastructure, shared benefits, December 1

The third installment of this three-part webinar series focused on how to generate new or better types of shared benefits for both host governments and mining communities by sharing the digital infrastructure used in mining, such as high-speed Internet and geographic information systems. This webinar was co-hosted by CONNEX for over 70 registrants in English and Spanish.



INTERGOVERNMENTAL FORUM
on Mining, Minerals, Metals and
Sustainable Development

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