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The International Institute for Sustainable Development (IISD) is an awardwinning, 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 200 people come from across the globe and from many disciplines. With offices in Winnipeg, Geneva, Ottawa, and Toronto, our work affects lives in more than 100 countries.

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The Intergovernmental Forum on Mining, Minerals, Metals and Sustainable Development (IGF) supports its more than 80 member countries in advancing their sustainable development goals through effective laws, policies, and regulations for the mining sector. We help governments take action to develop inclusive and gender-equitable practices, optimize financial benefits, support livelihoods, and safeguard the environment. Our work covers the full mining life cycle, from exploration to mine closure, and projects of all sizes, from artisanal mining to large-scale operations, Guided by our members' needs, we provide in-country assessments, capacity building, technical training, publications, and events to advance best practices, peer learning, and engagement with industry and civil society. The International Institute for Sustainable Development has hosted the IGF Secretariat since October 2015. Core funding is provided by the governments of Canada and the Netherlands...





CONTENTS

Meeting the Critical Minerals Challenge Will Require Mining Governance	Good 4
2022 Snapshot	5
2022 Achievements	6
Our Members	9
Engaging Our Members	10
In-Country Impacts	14
New Resources for Policy-Makers	20
Who We Are	24
2022 Annual Report: Activities Annex	25

Meeting the Critical Minerals Challenge Will Require Good Mining Governance

In many countries, 2022 brought a return to normalcy as the global pandemic receded, permitting more meetings and travel previously hindered by health protection measures. While the COVID-19 crisis may be fading, the climate crisis is ever-present. And there is a growing consensus that the global mining sector will have a key role to play in addressing climate change by supplying the critical mineral inputs for low-carbon energy systems.

The best estimates show that the energy transition will depend on critical minerals hosted by many IGF member countries. Government officials have expressed their interest to learn more about both the potential opportunities stemming from increasing production and governance challenges that may arise or intensify due to an upswing in mineral demand.

Accordingly, our 18th Annual General Meeting—our first in-person gathering at the Palais des Nations in Geneva since 2019—was convened under the theme of Critical Minerals and the Energy Transition. During the event, we heard clearly from members and other actors about the importance of mining governance and international cooperation to build resilient critical mineral supply chains in support of low-carbon energy sources and sustainable development.

We also used the occasion of the Annual General Meeting to consult with our member governments as we initiated the multistakeholder process to update the IGF's cornerstone Mining Policy Framework (MPF), initially ratified more than a decade ago. Updating the MPF is a key priority for the IGF in coming year. We look forward to receiving more feedback from members, our executive committee, and others to inform an updated MPF that meets our members' evolving needs.

Sincerely,



Greg RadfordIGF Director



Maureen Coulas

Executive Committee Chair

2022 SNAPSHOT

WORKSHOPS AND WEBINARS



21 events



3,000+ participants

18TH ANNUAL GENERAL MEETING



countries represented

388 participants

4 days 13 sessions

70+ speakers

WELCOME TO TOGO

Togo joined the IGF to become our

80th member country

TOGO ____

DIGITAL COMMUNITY



+139% to



+17% to



+21% to

2,965

LinkedIn followers

4,908

Twitter followers

7,441

newsletter subscribers

2022 Achievements

Annual General Meeting Returns to Geneva

After 2 years of operating virtually due to the pandemic, the IGF Annual General Meeting (AGM) returned to the Palais de Nations in Geneva, hosted by the United Nations Conference on Trade and Development (UNCTAD). The event was held under the theme of Critical Minerals and the Energy Transition and brought together more than 380 delegates over 4 days.





Focus on Women in ASM

IGF research examined how COVID-19 affected women working in artisanal and small-scale mining (ASM), focusing on cases in Peru, the Philippines, and Zimbabwe. We also hosted a webinar on the topic and published an annotated bibliography to help support broader gender analysis of the ASM sector.

ASEAN and IGF Finalize Minerals Cooperation Workplan for 2022-2024

The multi-year engagement will support the implementation of the Association of Southeast Asian Nations (ASEAN) Minerals Cooperation Action Plan to stimulate and enhance business and trade integration in a sustainable fashion.





Growing the Catalogue of IGF Case Studies

The IGF published four case studies covering biodiversity, tailings, mine closure, and postmining transition. The reports cover cases from Canada, Germany, Senegal, Tanzania, and Turkey.



Integrating Gender Into Mining Impact Assessments

The IGF published a global review of toolkits, guidelines, and legal frameworks

that have been devised and used by governments, international organizations, and civil society organizations to include gender dimension support.

Assessing Mexico's Mining Laws and Policies

We completed an ambitious
Mining Policy Framework (MPF)
assessment for Mexico, home
to one of the world's
most significant
mining sectors. The
report includes policy
recommendations

to support good

governance in mining.



International Taxation and the Extractives Sector Workshops

In 2022, we worked with the Organisation for Economic Co-operation and Development (OECD) and regional partners to build capacity in more than 700 government officials representing more than 70 nations. This was done through three eight-module workshops for important mining regions: Africa, Asia-Pacific, and Latin America and the Caribbean.





Isabelle Ramdoo (far left), IGF Deputy Director, moderating a panel at Mining Indaba in Cape Town, South Africa.

The IGF at Mining Indaba

The IGF attended the 2022 Mining Indaba conference in Cape Town, South Africa, where we contributed to and organized events discussing critical issues facing mining policy-makers and other stakeholders.

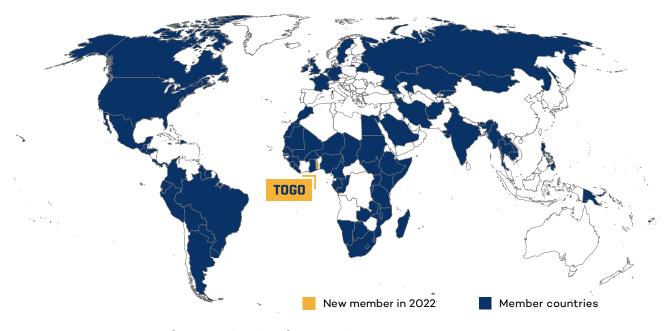
Forum Exploring the Role of Latin America in Critical Minerals Supply Chains

We partnered with the Mines Ministries of the Americas Conference (CAMMA) and Inter-American Development Bank to host more than 450 delegates at the hybrid Mining and Sustainable Development Forum of the Americas to discuss the region's role in supplying critical minerals for the energy transition.





Our Members



See page 24 for a complete list of IGF member countries.

Welcoming Togo as the 80th IGF Member

In 2022, Togo joined the IGF, becoming the 80th nation to do so. At the AGM, the Togo delegation delivered a speech emphasizing how the West African nation's development plans aim to develop the mining sector in a sustainable way to reduce poverty and increase socio-economic benefits while minimizing negative impacts and preserving the environment.



Greg Radford (centre), IGF Director, at the 18th AGM with delegates from Togo's Ministry of Energy and Mines.

Photo: IISD/ENB

Engaging Our Members



What Does the Energy Transition Mean for Resource-Rich Countries?

As climate change intensifies and the imperative to take action grows, it is increasingly clear that IGF members, representing most of the world's resource-rich countries, will play a pivotal role in providing critical minerals to fuel the energy transition. Therefore, we convened our 18th AGM to advance understanding about the emerging opportunities and challenges facing governments and other mining stakeholders.

After a 2-year hiatus due to the pandemic, the AGM was once again hosted by UNCTAD at the Palais des Nations in Geneva, Switzerland, and convened under the theme of Critical Minerals and the Energy Transition. Expert-led sessions focused on several timely topics, including supply chain and community resilience in the energy transition, accelerating decarbonization, women's inclusion in mining, re-mining for critical minerals, and the future of resource taxation.

The AGM welcomed 388 delegates from 85 countries in person and online, including government officials and experts from industry, academia, civil society, and non-governmental and international organizations.

We also hosted a government-only workshop on the Monday prior to the AGM, which provided an ideal forum to collect feedback from members regarding our forthcoming update to the IGF's cornerstone MPF, first published in 2010. The MPF will be refined to ensure the Secretariat best serves our members in a transforming global mining landscape. The updated MPF is to be ratified at the 19th AGM in November 2023.



Forum Exploring Critical Mineral Supply From the Americas

A diverse group of more than 450 delegates gathered in the Dominican Republic and virtually for the 2022 Mining and Sustainable Development Forum of the Americas. The forum focused on the theme Supplying Critical Minerals for the Energy Transition and was hosted by the IGF, in partnership with CAMMA and Inter-American Development Bank.

Supporting ASEAN Nations With a Multi-Year Plan

The IGF formalized a multi-year commitment to work with ASEAN to implement its Minerals Cooperation Action Plan, which covers trade and investments in minerals, sustainable mineral development, and strengthening institutional and human capacities in the minerals sector.



Training Officials on International Taxation and the Extractives Sector

In 2022, we delivered our training workshop International Taxation and the Extractives Sector for government officials in three important regions: Africa, Asia-Pacific, and Latin America and the Caribbean. These eight-module workshops covered the risks and opportunities related to revenue collection in the mining sector. In total, more than 700 officials from 70 nations participated. These workshops were facilitated in four languages and in partnership with the OECD and regional partners the African Tax Administration Forum (ATAF), the Asian Development Bank, and the Inter-American Center of Tax Administrations.

In-Country Impacts



Delivering an MPF Assessment for Mexico

MPF assessments are a core part of the IGF's work. Each assessment entails an in-depth analysis of a country's laws, policies, and regulations that cover the mining sector.

Mexico is the 15th member to receive an MPF assessment and, in many ways, it was our most ambitious assessment due to the size and significance of the country's mining sector. Mexico leads the world in silver production and is a top-10 producer of 17 minerals: in total, the government manages 24,000 mining concessions.

44

Completing our largest MPF assessment during the pandemic was a major achievement for the IGF. Our recommendations provide a clear path to improve environmental, economic, and social performance in Mexico's mining sector.

Marina Ruete Senior Law Advisor, IGF This work was completed at the request of the Mexican government to assess the country's preparedness and capacity to implement the MPF, focusing on six key mining policy areas. The IGF's assessment team conducted a preliminary legal assessment of 126 Mexican laws and regulations applicable to mining as well as desk-based research on other mining-related documents. This was followed by a trip to the country to carry out interviews and field visits.

The final report identifies key strengths, weaknesses, and recommendations for better mining laws and policies to promote a more sustainable mining sector in Mexico.

The Six Pillars of the IGF's Mining Policy Framework

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

After the report was finalized, the IGF
began working with Mexico's government
on implementation. As part of this work,
we delivered a workshop for government
officials and other stakeholders in Mexico
City on issues related to its frameworks
for environmental and social impact
assessment with a special focus
on Indigenous consultation and
mine closure. We also provided a
report with recommendations
for mine closure regulation and
further support on regulating
social impact assessments and
related guarantees.



16

Supporting Accurate Bauxite Pricing in Guinea

In 2022, the Government of Guinea took action to improve revenue collection on bauxite extraction in the country, following assistance from the IGF and partners with the OECD.

Together with the government, IGF experts examined financial information from mining companies and analyzed the global bauxite and aluminum markets. The analysis showed that some mine operators were selling bauxite production to affiliated companies at a discounted price. The lower bauxite prices meant less export revenue, smaller declared profits, and less tax revenue for Guinea.

11

The IGF-OECD assistance program provided critical technical expertise to Guinean officials ... to enable the country to raise the export price of unprocessed bauxite and receive the full value of its mineral resources.

Yakouba Kourouma

Fiscal and economic advisor of the Minister of Mines and Geology, Republic of Guinea In turn, the IGF and OECD coorganized training workshops for officials in the mining and budget authorities, supported their analysis of the main causes of mining revenue loss, and developed recommendations to help Guinea establish effective transfer pricing rules and address bauxite mispricing in related-party transactions.

In turn, Guinea created an intergovernmental committee that designed a "safe harbour" price of bauxite—a minimum price that mining companies would have to adhere to in their sales to affiliated companies. This bauxite reference price was enacted by decree and came into force in September 2022. It is expected to result in tens of millions of dollars of additional revenue for the country each year.



IGF and OECD tax experts meet with government officials in Guinea in July 2022.

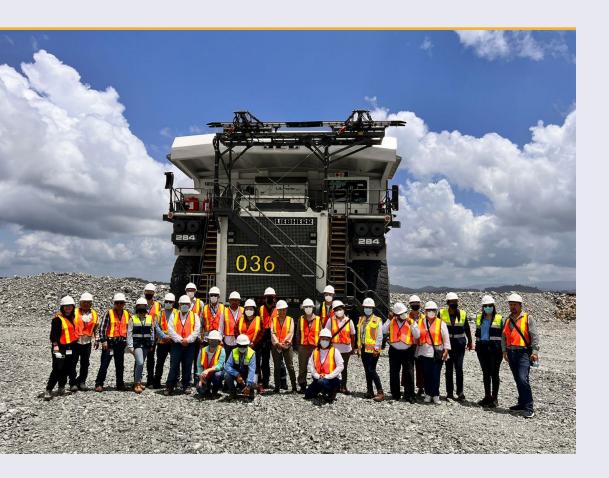
Working With Argentina on Key Mining Policy Concerns

We responded to requests from Argentina to train government officials from the national and provincial governments on gender equality and mine closure, as the country plans to grow its mining sector. The first initiative included a workshop on integrating gender equality into environmental and social impact assessments (ESIAs) for mining projects. We hosted another workshop exploring how to boost women's participation in the mining sector, which has been traditionally dominated by men.

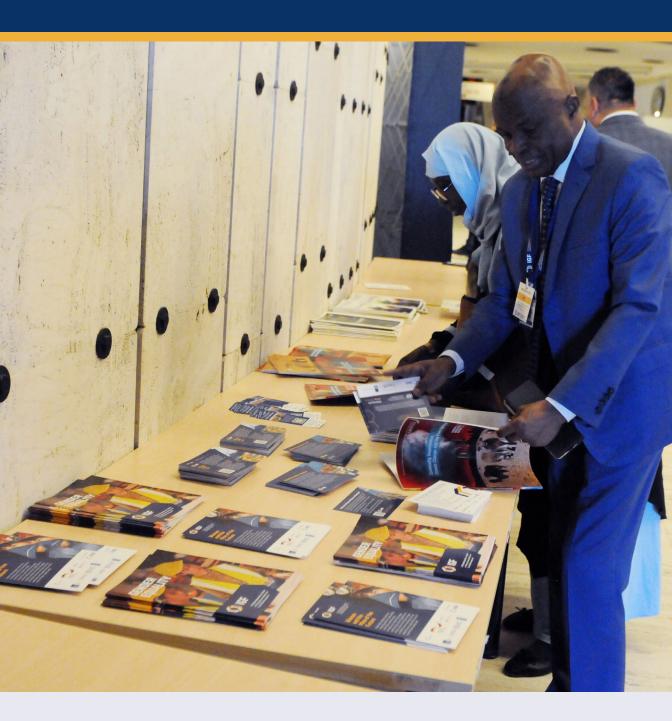
We also provided training on effective policies to ensure financial assurance for mine closure, with key considerations for Argentina's unique economic circumstances. The training supported the guide to financial assurance for mine closure published by the IGF in collaboration with the national government.

Improving Environmental Management and Mine Security Practices in Panama

Panama's mining sector is small but growing, and the country hosts a world-class copper mine that began production in 2019. Following our MPF assessment for Panama in 2021, we worked with the government to develop guidelines to strengthen mine security and environmental controls in the mining sector. We also delivered training programs to support the use of the guidelines. These guidelines were adopted for use in early 2022, reflecting both the IGF's MPF assessment recommendations and published guidance on environmental management.



New Resources for Policy-Makers



Illustrating Good Practices Through Case Studies

IGF member countries frequently request case studies to illustrate how their peers are addressing governance challenges in the mining sector. In 2022 the Secretariat published a series of four such case studies covering a variety of policy areas and jurisdictions, as detailed below.



Achieving a Successful Post-Mining Transition With Renewable Energy explores two examples where former mine sites were transformed into spaces to produce renewable energy in Canada and Germany.



Regulatory Continuous Improvement: Lessons from British Columbia's New Statutory Audit Function's Application to Mine Tailings Facilities describes a new audit function to evaluate the effectiveness of the mining regulatory framework in British Columbia, a major Canadian mining region.



These illustrative case studies detail how governments can elevate their governance practice to meet important environmental challenges in diverse jurisdictions.

Greg Radford

Director, IGF



Biodiversity and Mining Governance in Senegal and Turkey presents how mining impacts on biodiversity and ecosystems have been managed for sites in Senegal and Turkey using the mitigation hierarchy.

Inclusive Closure and Post-Mining Transition at the Golden Pride Mine, Tanzania provides good examples of how closure and post-mining transition can be done effectively and inclusively.

Developing Baseline Data to Support Women in Mining

While gender disparities in the mining sector are well known, the way forward for policy-makers is hampered by a lack of high-quality, granular data. Without the right information, decision-makers cannot assess, anticipate, or address gender inequities mining.

On 2022 International Women's Day, the IGF released preliminary data from our collaborative Women and the Mine of the Future project. It provides a rare glimpse into the gendered employment profile for large-scale mining in a series of diverse mining nations.



This data will feed into a global report to be published in 2023 that will include cross-country analysis of commonly held assumptions and key trends in the sector. This data will inform an assessment of what the unfolding transformations in mining could mean for mining occupations. Additionally, it will equip our researchers to identify the main data gaps and challenges hindering evidence-based policy-making and opportunities for women to participate fully in the future of mining.



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Global Review on Integrating Gender Into Mining Impact Assessments

There are numerous ways to analyze and document the potential and ongoing impacts of a mining operation on people from different genders, ages, and sociocultural backgrounds. We published a global review that takes stock of the toolkits, guidelines, and legal frameworks that have been devised and used by governments, international organizations, and civil society organizations to identify and address the gendered impacts of mining operations. It also features three case studies where these tools have been applied.



Illicit Financial Flows and Conflict in Artisanal and Small-Scale Gold Mining: Burkina Faso, Mali, and Niger

This report focuses on artisanal and small-scale gold mining (ASGM) in border areas plagued by conflict. It examines the existing regional and national governance frameworks for the sector, assesses the scope and movement of associated illicit financial flows, and explores links between conflict, crime, and ASGM. It also presents recommendations for policy-makers in Burkina Faso, Mali, and Niger.

Who We Are

Executive Committee

Maureen Coulas, Chair

Canada

Carmen Hagenarrs

The Netherlands

Abdelaâli Lefdaoui

Morocco

Dione Macedo

Brazil

Mohato Moima

Lesotho

Kridtaya

Sakamornsnguan

Thailand

IGF Members

Afghanistan

Argentina

Armenia

Bhutan

Bolivia

Botswana

Brazil

Burkina Faso

Burundi

Cambodia

Cameroon

Canada

Chad

Colombia

Costa Rica

Dominican

Republic

Ecuador

Egypt

El Salvador

Eswatini

Ethiopia

Fiji

France

Gabon

Georgia

Germany

Ghana Guatemala

Honduras

India

Ireland

Islamic

Republic of Iran

Jamaica

Kazakhstan

Kenya

Kyrgyz Republic

Laos

Lesotho

Liberia

Madagascar

Malawi

Mali

Mauritania

Mexico

Morocco

Mozambique

Myanmar

Namibia

Netherlands

Niger

Nigeria Panama

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Papua New

Guinea

Paraguay

Peru

The Philippines

Republic of

Guinea

Republic of the

Congo

Romania

Russian Federation

Rwanda

Saudi Arabia

Senegal

Sierra Leone

Somalia

South Africa

South Sudan

Sudan

Suriname

Sweden

Tanzania

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Thailand

Togo

Uganda

United Kingdom

United States

of America

Uruguay

Zambia

2022 Annual Report: Activities Annex

This annex catalogues events undertaken by the IGF in 2022. It includes IGF-led or co-led conferences, forums, webinars, and capacity-building and training workshops.

2022

International Taxation and the Extractives Sector: Regional workshops throughout 2022

We delivered this workshop on International Taxation and the Extractives Sector for government officials in three important regions: Africa, Asia-Pacific, and Latin America and the Caribbean. The eight-module workshops cover the risks and opportunities related to revenue collection in the mining sector. In total, more than 700 officials from 70 nations participated. These workshops were facilitated in four languages and in partnership with the OECD and regional partners ATAF, the Asian Development Bank, and the Inter-American Center of Tax Administrations.

March

Mine Closure Readiness: Are governments and industry prepared? March 2

This webinar presented recent work on mine closure from the IGF and International Council on Mining and Metals. Presenters shared assessments of the status and profile of mine closure in the industry, as well as how prepared governments are for the significant number of mine closures that are expected in the coming years.

Bilateral Tax Treaties: Sharing tools with Inter-American Center of Tax Administrations member countries: March 3

The Inter-American Center of Tax Administrations (CIAT) and IGF joined forces in this workshop to promote stronger bilateral tax treaty practices in CIAT member countries. This event shared tools to empower decision-makers and negotiators to improve their tax treaty practice and safeguard their right to tax income.

Local Content Training on Macroeconomic Risks for Asia: March 8, 15, 22, 29

The IGF held a multi-session training on macroeconomic risks that allowed participants to examine the impact of various types of economic, social, or political shocks on their mining-related industrial policies, such as local content policies and the development of mineral supply chains. The objective was to support governments in Asia to improve policy design, foster cooperation across government departments, and provide practice in quickly forming policy responses to shocks.

National Dialogue on ASGM, Illicit Financial Flows, and Conflict in Niger: March 29-March 31

The IGF organized a regional workshop on ASGM, illicit financial flows, and conflict from March 29 to 31, 2022, in Niamey, Niger. The workshop was attended by 52 actors from government, the private sector, universities and research institutes, civil society, and development organizations.

April

Gender-Responsive Policies in Artisanal and Small-Scale Mining: April 5

The IGF and Levin Sources hosted a webinar to explore difficulties faced by women in ASM, as outlined in publications they jointly published earlier in the year. The webinar included leading policy experts discussing gender-responsive government actions for the ASM sector. Speakers shared experiences from government and industry and discussed several questions.

Integrating Gender Equality into Environmental and Social Impact Assessments: April 26–May 5

Following a request from the Government of Argentina, the IGF designed and delivered a virtual training program for public officials on integrating gender equality into ESIAs in the mining sector. The program was designed to increase knowledge and awareness about gender impacts in mining and how ESIAs can help in this assessment.

May

The Future of Resource Taxation Under the Africa Mining Vision: May 5

In partnership with the ATAF and the Tax Justice Network Africa, the IGF co-hosted a webinar to discuss transformations in the mining sector and the need to rethink the future of resource taxation in Africa to achieve the

African Mining Vision, as adopted by the African Union. This webinar was an official side event of the 2022 Alternative Mining Indaba.

Gender and Mine of the Future Breakfast Meeting: May 10

A side event during the 2022 Mining Indaba in South Africa, the IGF organized this event to share and discuss preliminary findings on gender-disaggregated employment data covering education, skills, age, and compensation from pilot countries. This research is part of the Women and the Mine of the Future project, a collaboration by the IGF, International Labour Organization, Swedish Environmental Protection Agency, United Nations Development Program, and International Women in Mining.

New Mining Technologies and the Future of Work Breakfast Meeting: May 11

A side event during the 2022 Mining Indaba in South Africa, this meeting was co-organized with the German Agency for International Cooperation. During the event, panellists discussed the challenges, opportunities, and experiences related to various new technologies employed in the mining sector.

ESIAs and Environmental and Social Audits in West Africa's Mining Sector: Legal frameworks, tools, and good practices: May 18–May 20

The IGF organized a training workshop for member countries of the West African Economic and Monetary Union (WAEMU), in collaboration with the WAEMU Commission and the Netherlands Commission for Environmental Assessment. The workshop, which focused on ESIAs and environmental and social auditing in the mining sector, gathered administrators from Burkina Faso, Cote d'Ivoire, Guinea-Bissau, Niger, Senegal, and Togo.

June

International Mines Ministers Summit: June 14

On the sidelines of the Prospectors and Developers Association of Canada (PDAC) Convention in Toronto, the IGF partnered with PDAC and the World Economic Forum to host the seventh annual International Mines Ministers Summit under the theme Getting to Net Zero: Mining's Role in Reducing Global Emissions. The event convened 20 government ministers responsible for mining in their countries as well as leaders of industry and financial institutions.

July

Indigenous Consultation and Mine Closure Workshop in Mexico: July 18–July 21

Following the conclusion of an MPF assessment for Mexico, the IGF held a workshop in Mexico City on July 18–21, 2022, to support government officials in identifying and building capacity in important mining policy areas related to its framework for environmental and social impact assessment, with a special focus on Indigenous consultation and mine closure.

October

Mining and Sustainability Forum of the Americas: Supplying critical minerals for the energy transition: October 19

Amid the global imperative for an energy transition to address climate change, the 2022 Mining and Sustainability Forum of the Americas convened regional stakeholders to explore the key mining governance issues around critical mineral supply from the Americas. This event was organized in partnership with the Mines Ministries of the Americas Conference and the Inter-American Development Bank.

November

IGF 18th Annual General Meeting: November 7-10

The IGF's 18th AGM was hosted by UNCTAD at the Palais des Nations in Geneva, Switzerland, and virtually online. The meeting's theme was Critical Minerals and the Energy Transition, and the program included expert-led sessions on several timely topics, including supply chain and community resilience in the energy transition, accelerating decarbonization, women's inclusion in mining, re-mining for critical minerals, and the future of resource taxation.

Critical Minerals and Revenue Generation: November 21

The IGF and United Nations University World Institute for Development Economics Research organized the sixth researchers' seminar on the extractives industries, taxation, and revenues. Its aim was to bring together researchers from around the world to share information about work and ideas on data, methods, and how to achieve policy impact.

28

Advancing Women's Participation in Mining Consultations in Argentina: November 26-December 1

The IGF developed and delivered a training program on Advancing Women's Participation in Mining Consultations at the request of Argentina's National Mining Secretariat. The initiative was aimed at government officials working on mining and environmental governance at both the national and provincial levels of government.

December

The Future of Resource Taxation: Public consultation: December 8

This virtual session was designed to present and collect feedback from stakeholders about 10 policy papers to take mining taxation into the 21st century. The papers were developed as part of the IGF and ATAF's Future of Resource Taxation project.

Taxing the Capital Gains in Off-Shore Indirect Transfers of Mining Assets: December 7–8

This workshop was intended for tax policy-makers and tax administrators, as well as mining and extractive industry taxation experts from the West African region. Its aim was to enable the participants to discuss taxation challenges related to capital gains and the sale of mining assets that often evade local tax laws



INTERGOVERNMENTAL FORUM on Mining, Minerals, Metals and Sustainable Development

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