



ALLIANCE FOR  
RESPONSIBLE MINING

# Annual Report 2022



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## **6 Projects and Achievements by Territory**

Colombia  
Peru  
Honduras  
Nicaragua  
Ecuador  
Guyana and Suriname  
Brazil  
Burkina Faso  
Mozambique  
Democratic Republic of Congo

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Content



1.

# Our purpose: to empower artisanal and small-scale miners



**Gina D'Amato**  
Executive Director LATAM



**Marcin Piersiak**  
Executive Director Europe

Since the early days of the Alliance for Responsible Mining (ARM), artisanal and small-scale mining has gained prominence in global discussions due to a variety of projects, approaches and actions that have been implemented directly benefiting hundreds of ASM communities. At the same time, the sustainability agenda of the global industry has evolved, and new players have emerged on the global stage. Supply chain due diligence issues are moving from being a voluntary expectation to a legal obligation. And the equitable supply chain narrative has been transitioning from the traditional fair-trade model towards more integrated and tailored partnerships between downstream and upstream, that can address

specific sustainability and economic needs of the actors.

Likewise, the global climate emergency and challenges related to biodiversity loss have also generated changes in the agenda of donors and of the industry, bringing new priorities such as a just and inclusive energy transition.

As a pioneer in supporting a more responsible ASM supply chain, ARM has been working along with its partners to respond to this new context; one that comes with new challenges but also with opportunities to scale up positive social and environmental impacts in the responsible ASM sector.



Our [Sustainable Mines Program](#) strategy, based on the Craft Code and Fairmined standards, offers a roadmap for miners looking to build stronger, more resilient and responsible small businesses. For the industry, it provides flexible ways to engage with the responsible ASM sector, depending on the companies' sustainability strategy, sourcing needs, and risk acceptance. **Companies such as Metalor, the Samlerhuset Group, and the Kering Group started supporting mining organizations' improvements to reach better environmental, governance, and social practices.**

**We have also partnered with Fairphone to pilot the Fairmined credits model, a novel way to support responsible ASM production, while bypassing the complexities and costs of fully traceable supply chains.** This innovation is a milestone as it opens the way for the involvement of the electronics and automobile industries with the positive transformation of the ASM sector.

We have also developed new thematic approaches adapting them to the ASM sector such as CO2 footprint assessments and reduction measures, and the [Forest Smart Mining standard](#) for ASM organizations in forested areas. This

was done with the financial support of the World Bank, and in partnership with Levin Sources and Flora International. Also, in alliance with Pure Earth, and financed by Brilliant Earth, we have been accompanying mining organizations in the Peruvian amazon to adopt better mining practices and to achieve the Fairmined certification. Improving productivity and eliminating mercury is still a priority, and with Mercury Free Mining, we have tested innovative clean technologies in Peru and Colombia.

Looking to close the gender gap, we have also implemented strategies aiming at successful livelihood diversification and savings strategies with women miners in Colombia, Peru and in Burkina Faso (in alliance with IMPACT and women miners association AFEMIB).

Committed to providing the different actors of the supply chain with traceable and reliable information of the ASM organizations' practices, **we have been investing in developing the ASM Progress App, in collaboration with DataStake, offering online access to the progress of the mines, responding to ESG criteria.** In 2022, ASM ProgressApp won an innovation award organized by the USAID funded Conservation XLab Challenge.

2022 was also a year of deepening even more ARM's belief on the transformative power of strengthening social capital. Our Training Center and also ARM's capacity building work within projects impacted **1094 people**, among miners and other stakeholders, in **21 countries**, from Latin and North America, Africa and Europe.

Since 2014, **over 1.7 tons of Fairmined certified gold** produced has been sold to businesses from **36 countries** worldwide, generating over **6.8 million USD** in Fairmined Premium. **More than 400 brands from the gold industry** truly believe that change is possible and are leading the path of sustainability in the sector by committing to the positive development of mining communities. They are part of the Fairmined Family, sourcing #GoldToBeProudOf and inspiring others to follow this path.

And it's with great happiness that we share with you that **we are preparing to celebrate next year our 20-year anniversary, an important milestone for us as a pioneer NGO in the ASM sector.** Also, a moment to reinvent ourselves and offer innovative solutions to all the actors of the supply chain. In our baggage we have experience, knowledge and fresh ideas, and are ready to continue to work hand in hand with partners to scale up the positive transformation of the artisanal and small-scale mining sector into a formidable force for good.

**Gina D'Amato**

Executive Director LATAM

**Marcin Piersiak**

Executive Director Europe







2.

# Our Strategy's Pillar



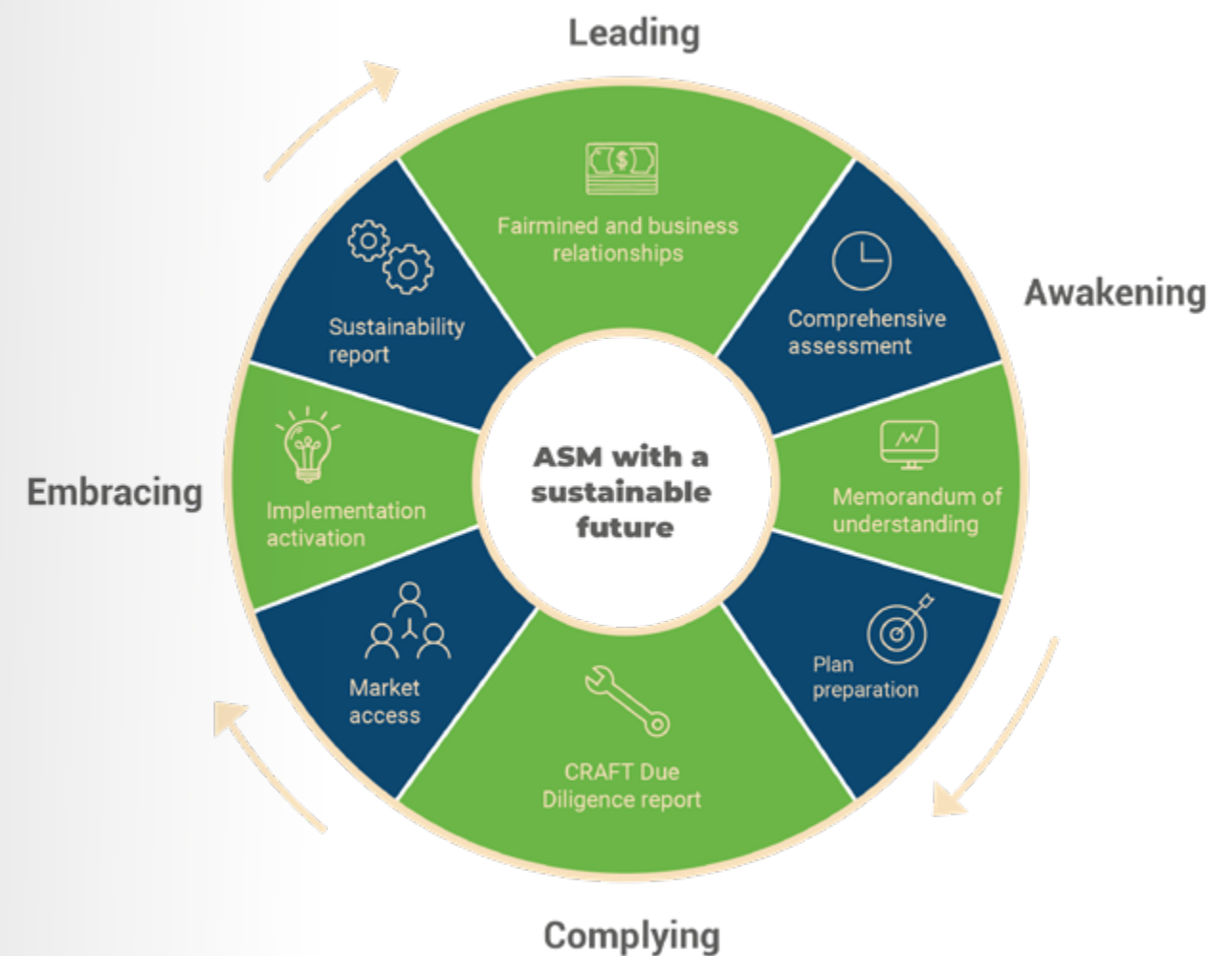


In 2022, we have made progress in our organizational strategy 2021-2023 and reaffirmed our purpose of transforming lives through artisanal and small-scale mining (ASM) through our **Theory of Change**.

At the Alliance for Responsible Mining (ARM), we recognize that the journey towards a more responsible ASM with better environmental, social, and governance practices requires a gradual and progressive approach. We firmly believe that promoting collaborative and coordinated efforts among key stakeholders within the supply chain, including miners, industry players, government entities, civil society organizations, impact investors, is essential to achieving this goal.

To this end, we have developed the Sustainable Mines Program (SMP) as our comprehensive roadmap. This provides a framework for all stakeholders to collaborate and align their actions, leveraging the principles outlined in the CRAFT Code and the Fairmined standard, promoting best practices in ASM and encouraging the responsible sourcing of gold by the market. In addition, the SMP is tailored to meet the diverse needs of stakeholders taking into account all of the existing possibilities to promote positive change in the ASM sector.

Through the implementation of sustainability plans, supported by funding from actors within the supply chain, and with our guidance and support, mining organizations enhance their performance, demonstrating tangible results of their responsible practices which are based on Environmental, Social, and Governance (ESG) criteria, and bringing positive impacts to their communities.





Through the Sustainable Mining Program, we accompany mining organizations in four progressive stages based on their level of compliance:



**Awakening.** These mines make the decision to organize themselves and take the first steps towards responsible mining.

**Complying.** Legitimate operations in complex environments. These mines comply with the CRAFT Code, control the most significant risks, and have the potential to legally commercialize their minerals.

**Embracing.** Embracing sustainability. These mines transition from survival to economically viable businesses. In addition to complying with the

CRAFT Code, they have already taken firm steps towards meeting the Fairmined standard.

**Leading.** Leaders in sustainability. These mines serve as beacons within the sector. They implement demanding economic, social, and environmental practices. They commit to maintaining the Fairmined certification and to continuously improve their operations and impacts.

Learn more about the Sustainable Mines Program and how to become an ally for a partner for change



# The Sustainable Mines Program

The Sustainable Mines Program is based on globally recognized standards to accompany miners on their journey towards progressive improvement:



**CRAFT Code:** Enables access to formal supply chains. It provides miners with a roadmap towards legitimacy and formalization, as well as towards progressive improvement in mining practices, starting from the highest risks according to the OECD Due Diligence Guidance.



**Fairmined standard:** A global reference for achieving deep positive transformation in the ASM sector. It sets more rigorous requirements for miners on their journey towards responsible mining and connects them with formal supply chains to sell their certified gold, gold to be proud of, which also provides them with an additional economic incentive. The standard also includes requirements for ASM organizations that want to produce and sell ecologically certified gold to the market, extracted and produced under rigorous environmental practices without the use of chemicals such as mercury and cyanide.

**Forest-Smart Mining - Intelligent ASM on forests:** This standard promotes mining that recognizes and understands the relationship between forests and other land uses, including socio-economic activities and ecosystem services.







3.

## Our ESG

Approach and  
Contribution to  
the Sustainable  
Development  
Goals





For ARM, responsible artisanal and small-scale mining (ASM) goes beyond addressing, mitigating, or compensating for the social and environmental impacts associated with the activity itself. It is about promoting best practices and strengthening development in the territories. This can be achieved through the right incentives so that these practices can be adopted. Therefore, in our support to mines towards progressive improvement, we embrace the ESG approach (Environmental, Social, and Governance criteria), and also promote the visibility of real impacts on mining communities demonstrating the framework of the standards and strategies developed by ARM.

This approach enables organizations to become more aware of their mining activities and adopt more resilient processes, aiming for sustainability and positive contributions to the environment and society, supported by ethical governance.

The adoption of ESG criteria is also important for companies in the gold industry as it demonstrates the positive changes occurring in ASM resulting from formal trade relationships, which contributes

to their sustainability reports. By incorporating these criteria into their strategy, companies can also achieve and demonstrate their impact in terms of climate change mitigation, water resource conservation, and the reduction of pollutant emissions. Moreover, by committing to responsible and transparent corporate governance practices, companies can strengthen the trust of investors and consumers.

The significance of ESG criteria in the gold industry is also aligned with the United Nations Sustainable Development Goals (SDGs). In our work towards a more sustainable ASM, we have integrated ESG criteria to contribute to the following SDGs:







4.

## Transforming Lives: Our impact



# Figures

In 2022, we developed **30** projects and worked with **106** artisanal and small-scale mining organizations in **11** countries, as follows:

**84** in Latin America

Brazil, Colombia, Ecuador, Guyana, Honduras, Peru, Suriname, and Nicaragua.

**22** in Africa

Burkina Faso, Democratic Republic of the Congo, and Mozambique.



Through our support to these ASMOs, we assisted a total of **8.023** men and women miners in the progressive improvement of their practices.

Based on the stages of the Sustainable Mines Program, these mining organizations are divided as follows:



**20**



## CRAFT Code



CRAFT

**15**

mining organizations have met the criteria of the CRAFT code.

**6**

mining organizations are continuing to advance their practices towards Fairmined certification.

**4.4** kilograms 

of CRAFT gold were sold in the formal market.

**21**



# Fairmined Standard



**7** mining organizations have achieved the Fairmined certification.

**2** of them were also certified with the Fairmined Ecological Gold.\*

## Peru

Oro Puno, Cruz Pata, CECOMIP, Macdesa

## Colombia

Chede, Íquira, La Gabriela

**130.31** of Fairmined (including Ecological) gold and kilograms

**5.55** of Fairmined (including Ecological) silver were sold in the international formal market. kilograms



Certified mining organizations entitled to **\$541,481 USD** in Fairmined premium\*\* to invest in best practices, environmental protection, and the well-being of workers and the community.

[Read more](#)



The Fairmined initiative collaborates with **413** companies from the gold industry in **36** countries.

**\*Fairmined Ecological Gold:** Certification for mining organizations producing and processing their minerals under strict environmental practices without the use of chemicals such as mercury and cyanide.

**\*\*For every kilogram of Fairmined gold sold in the market, certified mining organizations receive \$4,000 USD or \$6,000 USD/kg for Fairmined Ecological Gold, as a recognition for their responsible practices.**



# Milestones

- **Coexistence between small-scale and large-scale mining**

An alliance in San Roque, Antioquia (Colombia) with the large-scale mining company Gramalote that enabled 15 mining production units of the La María mining organization to achieve CRAFT compliance stage of the SMP, benefiting over 122 men miners, 11 women miners, and their families. This is a successful example that demonstrates the possibility of coexistence between small-scale and large-scale mining.



- **ASM Progress app: Innovation in Service of ASM development**

The digital platform **ASM Progress App**, created by the **Alliance for Responsible Mining** in collaboration with **DataStake**, has been selected as one of the winning innovations in the **Artisanal Mining Grand Challenge: The Amazon**, organized by **Conservation X Labs**, a global initiative that seeks to identify solutions for best practices in ASM in the Amazon region.



ASM Progress App is a digital solution that provides reliable and traceable information to supply chain actors about the progress of mining organizations that are implementing best practices.

- **Artisanal and Small-Scale Mining in Balance with Forests**

**Publication of the Forest-Smart Mining Standard - Smart ASM with Forests** - This initiative, funded by the World Bank, was developed by ARM in partnership with Levin Sources and Fauna & Flora International (FFI).



- **Empowerment of Women Miners**

Creation and implementation of a microcredit mechanism for the women of the San Francisco Mineral Selector Association in Puno, Peru (women involved in mineral selection) promoting the financial inclusion (revolving fund).



- **Brazil: Expanding Horizons**

**ARM's starts working in Brazil with a trans-Amazonian perspective**, conducting Comprehensive Mining Assessments for two mining organizations (in the "Awakening" stage of the SMP) and developing the CRAFT course for 20 organizations directly and indirectly involved in gold supply chains in Brazil.







### • Financial Inclusion for Mining Communities:

**Collaboration with IMPACT** to promote economic autonomy and financial inclusion for women and men from artisanal mining communities in Burkina Faso.



### • Carbon Footprint for Assessment ASM

ARM developed a tool and methodology adapted for **ASM to measure the carbon footprint** of artisanal and small-scale mining organizations. The tool, which was first tested in three mining organizations in Colombia, enables an important starting point towards a low-carbon ASM sector.

### • Expansion of Responsible Markets

**Creation of the Fairmined credits pilot model** as an opportunity for companies in the industry to strengthen their sustainability strategies while contributing to the development of ASM.



### • Knowledge Transfer

In Mozambique, we worked closely with the Ministry of Mineral Resources and Energy on a program for **continuous capacity development of ASM on the ground**. This approach was strengthened through the delivery of operational guidelines for diagnosing and mitigating identified risks, as well as a train-the-trainer program through various national workshops.







**5.**

# Main achievements of the Core Strategies



# Standards and Assurance

## CRAFT



Colombia

Perú

Ecuador

Honduras

El The CRAFT Code provides miners with a pathway towards legitimacy, formalization, and progressive improvement in mining practices. In 2022, **21 mining organizations from four Latin American countries complied with the CRAFT Code**. Out of this total, 15 reached the Complying stage in the Sustainable Mines Program pyramid (15 mining production units in La María, Colombia), and 6 advanced to the Embracing stage, continuing to improve their practices (Minas y Cuevas, Honduras; Expansa, Ecuador; AMATAF - 4 mining organizations - Peru).

**Applying the CRAFT Code in these mining organizations enabled their transformation in environmental, legitimacy, mining safety and health, social, gender, organizational, labor, traceability, and commercial aspects.**

These results demonstrate that it is possible to coordinate and engage various private, public, and non-governmental actors to progress towards a more responsible ASM sector. Furthermore, they show that formalization and compliance with mining and environmental obligations are indeed the way forward. Beyond considering them as legal requirements, they are evidence of the social and environmental commitment for territorial transformation.





## Democratic Republic of the Congo

Continuous monitoring of CRAFT risks and the implementation of four training activities for men and women miners were conducted in the region. This resulted in the creation of an intervention plan in the mining sectors with 33 actions for improvement, as well as the identification of 5 mining sites on which this project can deepen the work with (1-Bon Marché, 2-Dieu Merci, 3-Kputuka 4-La Grâce 5-Mapendo (Safina 1 and Safina 2)), benefiting an estimated of 1,600 artisanal miners.

Additionally, we identified 17 local institutions (including mining sites, CSOs, and government entities) to form local monitoring committees, responsible for identifying, assessing, mitigating, monitoring, and reporting on the environmental and social risks faced by the mining sites.

## Burkina Faso

2022 was a year of widespread progress in compliance with the CRAFT Code. While all 11 active mines made progress in their sustainability plans, **the case of the Mémer mining organization stands out, as they achieved near-total compliance with the first three modules of the CRAFT Code, which is an essential requirement to access responsible markets.**

These advancements were primarily due to updating the basic information of the mining site, organizing community dialogue frameworks to provide greater legitimacy to the mining organization, and implementing activities related to Occupational Health and Safety (OHS), first aid, gravimetric processing, and raising awareness about the use of mercury.





## Fairmined

The Fairmined standard certification, developed by the Alliance for Responsible Mining, ensures responsible mining practices in the extraction and processing of gold and silver. Certified mining organizations meet strict criteria and progressive requirements, as follows:

Year in Fairmined initiative	Total criteria	Requirements
Year 0	81	General requirements Environmental protection Working conditions
Year 1	14	
Year 3	29	
Year 6	8	Environmental protection Working conditions
Year 9	9	Environmental protection

In 2022, 7 mining organizations continued to lead the responsible ASM sector, maintaining their certifications and thus meeting the progressive criteria set by the Fairmined Standard in each recertification year. La Gabriela Mine achieved the Fairmined certification for the first time, serving as an example of coexistence between small-scale mining and agricultural activities such as cocoa cultivation, rubber production, livestock and fish farming. In addition, two mining organizations, **Oro Puno** and **CECOMIP - Francisco I**, maintained their Fairmined Ecological certification.

The following are the certified mining organizations and their certification year:

ASMO	Certification year
La Gabriela	1
Cruz Pata	2
Macdesa	5
Oro Puno	5
Cecomip	5
Chedé	4
Íquira	7



Regarding the production of **Fairmined minerals, in 2022:**

**130.31** 

kilograms of gold were produced and sold, representing a 19% increase compared to the total sold in 2021 (106 kg). Additionally,

**5.55** 

kilograms of Fairmined silver were sold in 2022.

These sales were conducted respecting a minimum value of

**95%** of the international price set by the London Bullion Market Association (LBMA), contributing to the greater sustainability of these artisanal and small-scale mining ventures. They also generated a **Fairmined premium** of

 **\$541,481**  
directed to the certified mines.

These funds were used by the mines for the maintenance and expansion of responsible mining practices, considering the progressive nature of the standard. The investments covered various topics such as health and safety, environment, mercury and other toxic substances, gender equity, promotion of local development, employment conditions, well-being of miners, Anti-Money Laundering/Combating the Financing of Terrorism (AML/CFT) prevention, compliance with regulations, among others. The investment of the Fairmined premium follows the rules and procedures established by ARM and agreed upon with the certified mines.

## Revision of the Fairmined Standard

In 2022, progress was made in the process of reviewing and updating the Fairmined Standard 2.0. Expert feedback was sought from ARM on topics such as safety and health, environment, traceability, human rights, and gender for the Fairmined 3.0 draft proposal. This version is being designed to **encompass global agenda topics in mining and sustainability reporting (Global Reporting Initiative - GRI - standards, ESG criteria focus, Sustainable Development Goals, and other sustainability frameworks).**

The following are the main milestones achieved in the standard update process:



- **2 sessions of the Fairmined Standard Committee were conducted, focusing on generating new ideas** to provide new market opportunities for certified Fairmined gold. The committee consists of actors in the gold supply chain, thematic experts, and civil society representatives.
- Approval of the **Fairmined credits pilot model**. This model offers a flexible approach for the gold industry to generate positive economic, social, and environmental impacts in small-scale mining communities and to promote responsible ASM gold production without the need to physically integrate the gold or make changes to their supply chains.



- Internal analysis to integrate the **Forest Smart Mining Standard and the Fairmined 3.0 Standard**. As a standards development organization for responsible ASM, this integration aims to strengthen environmental criteria focused on ASM in areas of high biodiversity.

### 3 participatory sessions were conducted

- **with artisanal and small-scale miners from Colombia, Peru, and Bolivia** to gather their perceptions and needs regarding Version 3.0 of the Fairmined Standard. Here is a brief summary of the sessions held:

- **Convention of Women Miners in Colombia (event held as part of the ARM & MIT D-Lab alliance): 49 women** miners contributed to key topics related to the development of fair mining from the perspective of women in the mining sector. These topics included legality and legitimacy, understanding artisanal and small-scale mining (ASM) as an economic activity, ethical practices, fair trade relationships, health and safety training, fair wages, gender-based violence prevention, non-discrimination, water conservation, mercury management, conflict risk management, and local dialogue. They also emphasized the need to differentiate Fairmined criteria for artisanal miners from those for small-scale miners.



- **2 workshops (in-person and virtual) on Building Fairmined 3.0 Standard: Feedback from ASM Organizations and Leaders: In-person workshop.** 27 mining representatives from Colombia, Peru, and Bolivia were invited to discuss the proposal put forth by the Standard Committee regarding commercialization criteria and the new measurement scale. Participants shared their experiences and challenges as responsible miners, highlighting persistent difficulties in formalization, commercialization, access to financial services, and technologies. They also requested stronger environmental requirements in the new version, as their priority is the implementation of clean technologies for gold extraction. In addition, miners suggested that the Fairmined premium could be used to temporarily finance formalization requirements, helping to mitigate the high costs associated with responsible operations.



## Assurance of the Fairmined Standard

Ensuring the proper operation of current standards and appropriate procedures at all stages of the supply chain is essential. In this regard, we maintain internal organizational management systems in place to ensure compliance with the standards and third-party audits.

The following are the main milestones in assuring the Fairmined standard:

- Issuance of **43 certificates for the verification process conducted by ARM of Fairmined compliance by companies** purchasing less than 1.5 kg of gold (2021 and 2022).
- Verification of **7 third-party audits for Fairmined market actors** by auditing companies recognized by ARM.
- Supervision of **7 Fairmined audits for certified mining organizations and 2 audits for mining organizations that are going through the certification process for the first time.**
- Publication, in the website, of the Fairmined audit reports received by certified mining organizations, ensuring transparency.
- **Validation of transactions on the Fairmined Connect platform which include constant customer support provided to 400 platform users, and in 2022 5 tailored consultancies.**

- Development and implementation of **3** training programs for new Fairmined auditors from SCS, Mazars, and Naturacert audit firms, **involving a total of 17 participants.**

Furthermore, the following milestones are highlighted in terms of maintaining the relevance of the standards and ensuring compliance with current norms and procedures:

### 1. Recognition of the CRAFT Code by the Responsible Minerals Initiative (RMI) Upstream Recognition Process.

RMI conducted an independent alignment assessment of the CRAFT Code between November 2021 and February 2022. The result determined that the CRAFT Code **meets the minimum 70% alignment required** to demonstrate partial compliance with the OECD alignment assessment tool. This recognition is an achievement as it encourages more companies to use the CRAFT Code to engage with ASM organizations that are complying with the due diligence. According to the RMI's recognition process, the CRAFT Code has one year to reach at least 90% alignment with the OECD to maintain RMI recognition as an upstream mechanism. We are committed to continuing to make progress to maintain this recognition in 2023.

### 2. Strengthening collaboration with other initiatives to support the development of responsible ASM.

Since 2022, **companies in the industry that operate under both Fairmined and Fairtrade schemes no longer need to undergo separate audits.** The new mechanism developed exempts licensed Fairmined brands and authorized suppliers from conducting additional in-depth audits to renew their authorization and license. Therefore, it recognizes the results of Fairtrade audits as part of the Fairmined assurance analysis. **This is a significant advancement in favor of expanding and strengthening the responsible ASM market.**



### 3. Internal progress in complying with the ISEAL Assurance Code.

The ISEAL Code is an internationally recognized normative that clarifies the basic requirements for a credible standard-setting process. It includes specific requirements to provide quality and confidence in assurance schemes generated with standards. In ARM, we underwent a semi-independent evaluation in 2021 by one of our master's degree interns from Lund University regarding the three codes. In 2022, ARM's Standards and Assurance department made progress on the recommendations provided by this assessment. **As a result, we implemented 40 actions within the team throughout 2022 and increased our compliance with ISEAL requirements in the Fairmined assurance process from 26% to 64%.** This increase in the percentage of ISEAL compliance allowed us to:

- Create and publish the Fairmined Complaints and Grievance Protocol in Spanish and English.

- Adjust terms of reference for Fairmined certification applications, external audit evaluations, and Fairmined Feedback assessments.

- Define an internal organizational structure, assigning responsibilities for managing data in the Fairmined Assurance processes.

- Create a risk management protocol related to forecasted Fairmined processes for 2023.

- Update and include new clauses in three existing protocols: 1. Fairmined Certification; 2. Auditor Selection; 3. Fairmined Assurance.

## Commercialization and financial inclusion

Making responsible artisanal and small-scale mining (ASM) organizations viable also means ensuring diagnosis and activities in sustainability plans that aim at:

- Understanding the commercialization context in mining territories and groups/organizations.
- Strengthening due diligence processes and the AML-CTF/TBEP risk management protocols.
- Mediating commercial relationships and procedures to ensure sales.

The Anti-Money Laundering and Counter-Terrorism Financing Risk Management System (SARLAFT) defines guidelines for managing and mitigating the risk of money laundering and





terrorist financing. These guidelines enable actions to be taken regarding risk situations that may arise in the operations of mining organizations. This system is implemented through four systematic and interrelated stages, which adopt procedures and tools tailored to the specific characteristics of the mining organization, such as its purpose, size, and organizational structure. The stages are Identification, Measurement, Control, and Monitoring. **In 2022, ARM supported 5 mining organizations in designing and implementing SARLAFT guidelines.**

Additionally, **4 supply chain analyses were conducted in the Latin American region**, including one department in Peru (Madre de Dios) and three departments in Honduras (Colón, Olancho, and El Paraíso). These analyses aim to identify challenges and opportunities in the formal gold commercialization within territories and stakeholders involved in the supply chains.

Activities were also implemented in Colombia, Peru, and Honduras, **enabling 9 organizations that are part of the Sustainable Mines Program to sell their gold formally** and through viable commercialization routes: **7 certified mining organizations and 2 groups of miners in compliance with the CRAFT Code.**

In addition, **ARM provided support for 15 artisanal and small-scale miners to gain access to banking services, greatly expanding their possibilities to participate in formal and responsible markets.**



**Financial inclusion is a fundamental process for achieving formal gold commercialization by communities and mining organizations that have historically been stigmatized.** For this purpose, institutional interconnection is crucial, where processes are integrated, and information is available to those who need to support, manage, or inform third

parties. Such interconnection allows overcoming barriers of stigmatization, lack of access to information, and inadequate management to achieve comprehensive and collective financial inclusion. At the same time it is essential for the financial sector to understand how the ASM business operates, and vice versa. In this regard, ARM works not only from a macro perspective, influencing and generating knowledge about the sector to guide large-scale solutions but also through personalized work that enables the banking of mining groups and organizations in need.

An example of ARM's macro strategy in action was a survey conducted in 2022 in collaboration with the GDIAM (Dialogue Group on Mining in Colombia), which provided technical contextual information on the topic in the Colombian

Bajo Cauca region. The analysis generated has the potential to support multi-stakeholder reflections and possible joint actions to advance broadly in that region of Colombia.



# Responsible Market

The Sustainable Mines Program (SMP), in addition to being the result of coordinated work between different ARM teams and inclusive and equitable partnerships with miners, is also made possible through collaborative efforts with the international cooperation, industry companies (traders, refiners, jewelers, mints, among others), organizations supporting ASM, impact investors, and governments.

To welcome various types of contributions, the SMP offers different levels of involvement with artisanal and small-scale mining (ASM) to its partners according to their needs, risk appetite, sustainability strategies, and market differentiation.

In 2022, we worked with **413 licensed brands purchasing certified Fairmined gold from ASM located in 36 countries**. According to the annual survey conducted by ARM among this audience, **a high level of satisfaction at 85% was once again achieved**.

## Fairmined Credits

In 2022, we developed and began implementing the Fairmined Credits pilot model, which offers an easily accessible alternative for the industry to support responsible ASM development.

## New industry partnerships

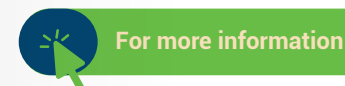
We established new partnerships with more companies from the industry to promote and support responsible practices of artisanal and small-scale miners by sourcing from Fairmined minerals. Here are some highlights:

- **Green Mining:** A project funded by Brilliant Earth and implemented in collaboration with Pure Earth in Peru.



For more information

- Project funded by Kering to support women artisanal miners from the Asomusilupaz association in Cauca, Colombia.
- Project with the Golondrina Mine in Colombia, developed with the support of Metalor, to **assist them in improving their practices and achieving the Fairmined certification**.
- **A Journey to the Origins.** A visit by 13 jewelers and suppliers who source Fairmined gold to certified mines in the Puno region, Peru, to learn more about the origin of their minerals.



For more information





## 100% Fairmined Challenge

In 2022, the 100% Fairmined Challenge concluded, with the participation of **97 licensed Fairmined brands launching 127 jewelry collections made with Fairmined minerals from certified mining organizations**. The challenge was well received by both brands and the press, demonstrating once again that it is possible to work with #GoldToBeProudOf.



It is worth noting that the work carried out to consolidate and expand the responsible ASM market is supported by a robust communication and organizational positioning strategy for the Alliance for Responsible Mining brand.

# Knowledge Management for a More Responsible ASM

At ARM, we believe in the transformative power of access to information and of the development of new capacities and skills. That's why we have developed an organizational strategy to share the knowledge and expertise we have gained over the years of working with ASM. We do this by developing and implementing tailored courses, trainings, and capacity-building processes.

## ARM capacity building and associated services center

In 2022, we intensified our commitment to generate value through knowledge by strengthening ARM's Learning Center. This center aims at serving as a hybrid space (virtual and in-person) for knowledge management and exchange on various topics that are a priority in fair and responsible artisanal and small-scale mining (ASM). The intention is to continue to consolidate it so that it becomes the main support platform for all capacity-building processes led by ARM with the different audiences we work with.

In 2022, we conducted **150 capacity-building processes including courses (both virtual and in-person) with the participation of 1,094 individuals from 21 countries in different regions of the world.**



For example, in the Democratic Republic of Congo, ASM received support for the identification, assessment, and mitigation of social and environmental risks. To achieve this goal, **14 virtual and in-person training activities were carried out** on



the CRAFT Code and the Congolese mining code, with **400 participants** including stakeholders from the civil society, government agents, traditional authorities, and ASM miners. In particular, the local Civil Society Organization (CSO) Justice Plus was key to this capacity-building process as it was the organization selected in the intervention area to replicate ARM's methodologies, tools, and approaches adapted to the dynamics of the local context.

These activities were conducted to build the capacity to support mining organizations through risk and needs assessments and prepare for market access under the CRAFT approach.

## Production and dissemination of knowledge for the ASM sector

**Another way ARM contributes to a more responsible ASM worldwide is through the production and dissemination of knowledge. In 2022, we undertook the following actions:**

- **Consultancy for the International Institute for Sustainable Development (IISD) in Central America: Costa Rica, Guatemala, and Panama.** ARM report presented the main characteristics of ASM activity, as well as environmental, cultural, and socio-economic challenges. It included recommendations and conclusions related to the present and future of the sector in those countries.
- **Consultancy for the PlanetGold Project in Nicaragua, funded by UNIDO with GEF Gold funds.** This involved providing the necessary services for the preparation and finalization of the project document and CEO endorsement package for submission to the Global Environment Facility (GEF).

- **Consultancy in Mozambique in partnership with Levin Sources for the Artisanal and Small-Scale Mining Strategy Implementation Plan as part of the Mozambique Mining and Gas Technical Assistance Project (MAGTAP).** This project proposed appropriate organizational and operational models for ASM in four different organizations located in various provinces of the country.

**We have also developed the following publications:**

- **Harmonized Due Diligence Tool:** This methodological document provides guidance for collecting and integrating guidelines, approaches, and recommendations for various private and social actors who decide to implement Harmonized Due Diligence processes in their companies, schemes, and/or social or community organizations.



- **ICO Tool:** The ICO (Organizational Capacity Index) is a methodological tool designed by the National Planning Department of Colombia (DNP) with the purpose of assessing the management capacity of community organizations in Peace and Development programs. At ARM, we have adapted this tool as part of the organizational and business strengthening process that we implement in alliance with the mining organizations we engage with.
- **Fiscal Modeling Tool:** This tool aims at evaluating the incentives for formalization offered by different fiscal schemes, assess the economic viability of a small-scale mining project, and compare the fiscal systems of Bolivia, Colombia, Ecuador, Peru, and Honduras. You can download the tool in the following link:







**6.**

## **Projects and achievements by territory**



The activities carried out in various territories have benefited both artisanal and small-scale mining organizations (ASMOs) and individuals involved in artisanal and small-scale mining but that are not affiliated with an ASMO, which we refer to as AMPs in ARM.

In 2022, a total of **8,174** miners, both male and female, were benefited in these territories (ASMO and AMPs).



## Colombia



**919** male miners and **219** female miners impacted

## Project

A Mercury-Free Future

## Objective

Supporting the implementation of appropriate and efficient mercury-free technologies and advancing a roadmap for formalization and sustainability, strengthening the access of mining organizations to formal markets with better conditions through the progressive implementation of the Sustainable Mines Program based on the CRAFT Code and the Fairmined standard.

## Partners



- World Wildlife Fund Colombia (WWF)
- Institute of Environmental Research of the Pacific (IIAP)

## Implementation Locations



San José de Tadó and Unión Panamericana (Chocó)

## Donor



U.S. Department of State

## Results Achieved



- Prevention of the use of **1.68** tons of mercury.
- **1** census developed and implemented to understand the context of the mining production units that are located in a Special Reserve Area that is part of the two municipalities.
- **110** individuals trained in environmental aspects, occupational health and safety, organizational skills, processing and the usage of clean technologies, and in commercialization.
- **67** kg of gold produced.
- **2** organizational management capacity assessments conducted.
- **91** miners that have initiated or completed the registration process to become legal miners (100% Afro-descendants).
- **2** organizations formalized their mining activities (COCOMAUPA and ASOCASAN).







## Project

Mercury-Free Supply Chains

## Objective

Building capacities and conditions for the creation of mercury-free supply chains in compliance with the requirements of planetGOLD and CRAFT Code.

## Implementation Locations

- Timbiquí, Guapi, Suárez and Buenos Aires (Cauca)
- Caucasia, Tarazá and Andes (Antioquia)
- Santa Rosa, Montecristo (Southern Bolívar)

## Donor

United Nations Development Programme (UNDP)

## Results Achieved

- Supported **24** mining organizations in a pilot program for the commercialization of mercury-free gold, in compliance with the planetGOLD/CRAFT criteria
- Formalized, organized, and engaged **392** miners in the strategy for a mercury-free Colombia.
- Sensitized **156** women and **50** men about the dangers of mercury and on ways to eliminate/avoid its use in the ASM sector.

## Project

Coexistence of Large and Small-scale Mining

## Objective

Implementing the CRAFT Code in formalized and in-process formalization Mining Production Units (MPUs) located in the areas of the Concession Contracts held by GRAMALOTE mining company.

## Implementation Locations

San Roque, Antioquia

## Donor

GRAMALOTE

## Results Achieved

- Implementation of the Sustainable Mining Program in **20** MPUs from seven formalization subcontracts within the area of GRAMALOTE Colombia Limited.
- The mines achieved a **53%** progress when compared to assessments done at the beginning of the process, with an average compliance rate of **80.70%** to the CRAFT Code.
- ARM's Sustainable Mines Program enabled **11** MPUs to reach **90%** compliance with the established criteria of the standard, while seven reached **80%**, and one at **79.3%** compliance rate.



## Project

ASM Formalization

## Objective

Formalizing artisanal and small-scale miners

## Implementation Locations

Marmato, Caldas

## Donor

Collective mining

## Project

Palmas Doradas (Golden Palms)

## Objective

Comprehensive Mining Evaluation and sustainability plan construction

## Implementation Locations

Los Andes, Nariño

## Donor

Sociedad Minera Palmas Doradas SAS

## Results Achieved

- **1** assesment produced.
- **1** Sustainability plan with CRAFT and Fairmined activities developed.

## Project

Improvement of mining practices

## Objective

Developing and implementing the sustainability plan for La Golondrina mining organization to implement best-practices and achieve the Fairmined certification.

## Implementation Location

Los Andes, Nariño

## Donor

Metalor

## Results Achieved

- **Training sessions:**
  - 18** workers were trained in Occupational Health and Safety: Prevention of work accidents.
  - 16** workers were trained in environmental issues: Mainly in solid waste management.
  - 1** internal control system leader was trained in Mineral Traceability.
- **Others:**
  - 1** initial carbon footprint assessment was done.
  - 1** initial version of the CRAFT report was produced.
  - 4** field consultancies by specialists in the topics: environmental strategies, traceability, legitimacy, and security.





## Project

Strengthening the capacities of women miners

## Objective

Strengthening the capacities of the women of Asomuselupaz by implementing a plan that allows the social, environmental, and economic sustainability of the association.

## Implementation Locations

Suárez, Cauca

## Donor



Kering

## Results Achieved



- **32** associated members trained in gender-based violence and in the protocol against violence and harassment in the workplace, as well as widespread sexual violence in Conflict and High-Risk Areas (ACAR).
- The board of directors, composed of 5 women, was strengthened in multi-stakeholder relationship strategies.



## Project

ASM Fiscal Tool (Colombia and Peru)

## Objective

Pilot testing the usefulness and applicability of the fiscal evaluation tool in underground mining organizations in Colombia and alluvial mining in Peru.

## Implementation Locations



- Montecristo, Bolívar. Pacarní, Huila (Colombia).
- Ananea District (Peru).

## Donor



GIZ

## Results Achieved



- **1** ASM Fiscal Tool published





## Peru

 **1,342** male miners and **608** female miners impacted

### Project

Artisanal Mining Grand Challenge: The Amazon

### Objective

Innovation challenge that promotes innovative solutions to stop the extinction crisis. ASM Progress App.

### Implementation Locations

Colombia, Peru, and the Guianas

### Donor

Conservation X Labs

### Results Achieved

Winners of the challenge with the ASM Progress App digital tool.



### Project

Charpitas Inclusivas

### Objective

Upscaling an inclusive, responsible and gender-sensitive model of Artisanal and Small-scale Mining (ASM) based on the Fairmined certification in the Puno Region of Peru/ Improving the life and working conditions of artisanal and small-scale mining communities in the Puno region.

### Implementation Locations

Puno and Madre de Dios Departments

### Donor

Fondation Ensemble

### Results Achieved

- Recertification of **3** mines in Puno (Cruz Pata, Oro Puno, and CECOMIP). Positive pre-audits for **4** mines in Madre de Dios (Abel 3, Fátima, El Principe Azul 1, and Linda 2)
- Establishment of a Revolving Fund for women mineral selectors.
- CECOMIP, a certified mine, implemented a Gender Equality Committee.



## Project

Core Support for the Sustainable Mines Strategy (Peru and Colombia)

## Objective

Core support for the Sustainable Mines strategy, focusing on the inclusion of artisanal and small-scale mining performed by ethnic communities in high-biodiversity areas. Ethnic communities that choose to work with ASM, do it safely and efficiently while safeguarding the environment and cultural practices, and use the improved income to pursue their collective objectives.

## Implementation Locations

Puno and Madre de Diós (Peru) and Chocó (Colombia)

## Donor

FORD Foundation

## Results Achieved

Preparation of an Integral Mining Evaluation for the Ollachea Mining Community that aims to achieve the CRAFT Code.

## Project

Mercury-free technologies

## Objective

The Alliance for Responsible Mining (ARM) and Mercury Free Mining (MFM) test and evaluate the performance of mercury-free technologies in artisanal gold mining communities

## Implementation Locations

Madre de Dios, Peru

## Donor

ULULA

## Results Achieved

A digital text messaging platform called Quipu was implemented in **4** concessions in Madre de Dios (Linda 2, Fátima, El Príncipe azul, and Abel 3) ) that are going through the Fairmined certification process.





## Project

Green Mining

## Objective

The objective of this project is to help mining concessions in the Madre de Dios region of Peru to implement best-practices and obtain the Fairmined certification.

## Partners



Pure Earth

## Implementation Locations



Madre de Dios, Peru

## Donor



Brilliant Earth

## Results Achieved



**4** mines in the certification process (Linda 2, Fátima, Abel 3, and El Príncipe Azul 1).



## Honduras



**92** male miners and **8** female miners impacted



## Project

Honduras, Land of Shining Gold

## Objective

Expansion of the CRAFT & Fairmined initiative in Honduras, promoting the adoption of better mining practices in the Artisanal and Small-Scale Mining (ASM) sector in Honduras to become a legitimate, responsible, and profitable sector that promotes inclusive and sustainable development in rural areas, improving the quality of life for miners and their communities.

## Partners



- Honduran-German Business Center
- Minas y Cuevas
- Samlerhuset
- Heimerle + Meule
- International Institute for Environment and Development (IIED)

## Implementation Locations



Department of Santa Bárbara, Municipality of Macuelizo

## Donor



EPRM

## Results Achieved



- Improvement of internal processes in Minas y Cuevas in environmental, traceability, and organizational aspects.
- **1** internal and external training for the board of directors and administrative staff of Minas y Cuevas.
- **1** export model framework established to improve the agreement between Minas y Cuevas and Heimerle + Meule to export.

# Nicaragua

## Project

UNIDO Nicaragua

## Objective

Improving the formalization and reduction of mercury in artisanal and small-scale gold mining in Nicaragua.

## Implementation Locations



Managua

## Donor



United Nations Industrial Development Organization





## Ecuador

 **345** male miners and **18** female miners impacted

### Project

Feasibility of Fairmined in Ecuador

### Objective

Conducting a feasibility analysis of the Fairmined certification model in Ecuador, developing a diagnosis of possible scenarios and defining the implementation route of a certification policy.

### Implementation Locations

Camilo Ponce Enríquez and Zaruma-Portovelo

### Donor

UNDP

### Results Achieved

- **6** Comprehensive Mining Evaluations conducted (**3** for mines and **3** for processing plants).
- **39** people from the Ecuadorian government and civil society trained with the Fairmined course.

### Project

Fairmined Certification for EXPAUSA Mine

### Objective

Improving the mining practices of the mining organization EXPAUSA S.A. to achieve its Fairmined certification.

### Implementation Locations

Camilo Ponce Enríquez

### Donor

EXPAUSA

### Results Achieved

EXPAUSA is the first certified Fairmined mine in Ecuador.





## Guyana and Suriname



### Guyana:

**30** male miners; **7** female miners impacted

### Suriname:

**33** male miners; **2** female miners impacted

72

## Project

Mercury Elimination in the Guianas Region

## Objective

By 2025, reducing mercury pollution in the Guianas region by eliminating the use of mercury in the gold mining sector and contributing to the reduction of mercury emissions resulting from mining deforestation.

## Partners



- World Wildlife Fund
- Institute de Recherche pour le Développement (IRD)
- Conservation International

## Donor

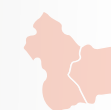


- World Wildlife Fund (WWF)-Netherlands
- French Facility for Global Environment (FFEM)

## Results Achieved



- **2** Comprehensive Mining Evaluations conducted for Guyana (Micobie and Campbelltown).
- **1** assessment conducted for Suriname (Companigkreek).
- **1** multi-stakeholder dialogue round in Micobie with 53 participants.
- **1** multi-stakeholder dialogue round in Companigkreek with 12 participants.



Guyana and Suriname 73





## Brazil

 **39** miners impacted

### Project

Promoting Responsible ASM in Brazil

### Objective

Analyzing the current situation and regulations of artisanal and small-scale mining in Brazil regarding compliance with quality standards and mining certifications.

**Donor** 

WWF

### Results Achieved

- CRAFT Course: **50** people enrolled in the first Craft Course in Portuguese, with participation from students in Brazil and Mozambique. **11** people received certificates of completion for the evaluation activities.
- **2** assessments and **2** sustainability plans developed for **2** Mining Production Units belonging to the Cooperativa dos Garimpeiros do Vale do Rio Peixoto (COOGAVEPE).
- Market analysis: **1** analysis conducted on market opportunities for artisanal and small-scale gold mining (ASM) in Brazil.



## Burkina Faso

 **2595** miners impacted

### Project

DELVE

### Objective

Data collection in two regions of Burkina Faso (Center North and South West regions) and in mine sites, as that participated in the first data collection on COVID-19 in 2020.

### Implementation Locations

In the Center North: Konwoumlougou, Pagdin and Zodma. In the South West: Djikando, Memer, and Ourbi.

**Donor** 

World Bank

### Results Achieved

**83** interviews conducted in the territory





## Project

Foundation for Peace

## Objective

Improved financial inclusion and economic empowerment of women, and promotion of responsible trade. Increased capacity for men and women to participate in legal gold trade in communities engaged in artisanal gold extraction. Support of relevant stakeholders to effectively promote legal trade, resilience, financial autonomy, and solidarity within the communities.

## Donor



Global Affairs Canada (GAC)

## Results Achieved

### The project promoted:

- Leadership and the implementation of specific training for women.
- Stimulation of local economic development (diversification of income sources).
- Economic resilience (food security).
- Social cohesion.



## Project

Forest-Smart Mining

## Objective

Developing Forest-Smart Artisanal and Small-scale Mining Standards Guidance. Increasing the credibility of the FSM ASM PCI and thus the likelihood of their adoption.

## Donor



World Bank

## Results Achieved

- Pilot application of the Forest-Smart Mining standard in three mining operation units.
- Comprehensive analysis of environmental legislation and its relation to ASM in Burkina Faso.
- Recommendations for piloting the standard and integrating the Principles, Criteria, and Indicators (PCI) at the institutional level.
- Development of a participatory roadmap for the application of the Principles, Criteria, and Indicators of the standard in mining operations units and in ASM organizations.





## Project

PISCCA

## Objective

Create a conducive social environment for the integration of internally displaced women (IDW) and improve their living conditions in artisanal and small-scale mining communities.

## Implementation Locations

The Centre-Nord and Central Plateau regions of Burkina Faso.

## Partners

AFEMIB

## Donor

French Embassy in Burkina Faso

## Results Achieved

- Training of **120** internally displaced women and **30** local women in Income-Generating Activities (IGA).
- Training of **125** women in business management.
- Awareness raised in **208** women on creation of cooperatives.
- Provision of economic resources to **100** women to start their economic activities.

## Project

PRODHUMAPE

## Objective

Process of legalization and formalization of artisanal and small-scale mining organizations.

## Implementation Locations

Regions of the Central Plateau and the Center-North

## Partners

TDH, EDUCO, Tabital Lobal

## Donor

European Union, EDUCO

## Results Achieved

- **66%** of the selected mining organizations:
- Engaged in a continuous risk mitigation process using the CRAFT framework.
- Improved their internal management during the project.
- Implemented concrete measures to eliminate child labor.
- Implemented concrete measures at the supply chain level to enhance health, safety, and environmental conditions.



# Mozambique



**161** male miners **156** female miners

## Project

MAGTAP

## Objective

To implement an ASM development strategy for continuous capacity development on the ground. This approach is strengthened through the delivery of operational guidelines for diagnosing and mitigating identified risks, as well as a train-the-trainer program through various national workshops.

## Implementation Locations



Tete, Zambézia and Inhambane

## Partners

Levin Sources, Genesis

## Donor



Ministry of Mineral Resources and Energy of Mozambique

## Results Achieved



- Transformed **4** ASMOs into cooperatives and support provided in legal, administrative organizational, financial, commercial, technical, environmental, and social aspects.
- Conducted **13** technical field missions to train officials.
- Developed **13** operational fact sheets for replication and created **9** training modules.
- Produced a comprehensive document with recommendations for deploying the ASM formalization strategy in the country.



# Democratic Republic of the Congo



**1450** male miners; **150** female miners





## Project

P-DEC - Tujenge

## Objective

The objective of the Tujenge program is to strengthen the foundations for lasting peace in North Kivu and Ituri.

## Implementation Locations

Ituri, North Kivu

**82** Democratic Republic of the Congo

## Partners

- Mercy Corps (leader of the consortium)
- International Alert
- Wildlife Conservation Society (WCS)
- International Peace Information Service (IPIS)
- HIVE
- Chambers Federation
- Association for the Promotion of Hygiene and the Integral Development of the Vulnerable (APROHDIV)
- Justice Plus
- Women's Solidarity for Peace and Development (SOFEPADI)
- North Kivu Community Radio and TV Collective (CORACON)
- Pole Institute

## Donor

United States Agency for International Development (USAID)

## Results Achieved

- **6** Capacity building on ARM's approach, the CRAFT Code, the Congolese Mining Code and Datastake for **183** participants.
- Selection of **5** mining sites part of a Cooperative (Ngayo Congo) to support an estimated number of **812** miners (**740** Men / **72** Women).
- Recruitment and in-depth induction of one **1** local coordinator, and agreement to work with **1** local agent part of Justice Plus.

Democratic Republic of the Congo **83**





7.

## Climate change mitigation: a contribution from ASM



At ARM, environmental issues have always been at the core of our strategies to support artisanal and small-scale miners on their path to continuous improvement. An example of this is the environmental criteria of the CRAFT Code that mines must comply with, which are verified through mining assessments involving a total of 22 criteria related to Modules 2 and 5. Similarly for the Fairmined standard, the assessment has 37 criteria distributed progressively according to the year of certification. It is also important to highlight the Forest-Smart Mining (FSM) standard.

Therefore, significant results related to the mitigation of negative environmental impacts are achieved as mining organizations progress through the stages of the Sustainable Mines Program. This progress is made possible through mining assessments conducted by our ARM team together with miners. Additionally, sustainability plans adapted to their specific contexts are implemented in alliance with the mining organization and other partners.

However, in the face of global challenges posed by the current planetary crisis, in ARM we are deepening our focus on effective strategies where ASM can contribute to mitigating negative environmental and social impacts, particularly in addressing climate



change, biodiversity loss, and water source contamination.

In the same vein, our ARM team has been exploring strategies to increase the resilience of mining communities, which face high levels of vulnerability associated with climate change and biodiversity loss.

## Mercury free gold

A significant milestone in promoting mercury-free ASM was the alliance we formed with the PlanetGold program, aimed at significantly improving production practices and working conditions for artisanal and small-scale miners. Additionally, we promote bridging the financial gap, supporting formalization efforts, and connecting mining communities that implement mercury-free technologies with formal markets. **In 2022, 27 artisanal and small-scale mining organizations received support within the framework of the CRAFT Code and the PlanetGold Program.** Actions aimed at eliminating the use of mercury in mining activities were carried out in all of these organizations.



**Two organizations achieved significant milestones: AGROMIN reached CRAFT compliance, and La Gabriela was in the first year of Fairmined certification compliance.**

In Peru, the Green Mining project, implemented by nonprofit organizations Pure Earth and ARM and funded by the global jewelry company Brilliant Earth, supports mining organizations in the Amazon region in adopting mercury-free practices. The project also focused on restoring degraded Amazon rainforest areas affected by gold mining through reforestation. Nearly 50 miners from the Tauro Fátima Artisanal Miners Association (AMATAF), composed of mining organizations Fátima, Abel 3, El Principe Azul 1, and Linda 2 in Madre de Dios, are part of this initiative.

These mining organizations began their journey in the Embracing stage of the Sustainable Mines Program in 2022 and are on their way to becoming a benchmark for responsible mining in the region. The good practices they are implementing will help them meet the strict requirements of the Fairmined Standard to sell their gold in international markets at a fair price.

Additionally, in Peru, there are two certified ecological Fairmined mines, CECOMIP - Francisco I - and Oro

Puno, which means they do not use any chemicals in their extraction and processing, demonstrating their environmental commitment.

## Carbon footprint assessment

As pioneers in the field, ARM has developed a carbon footprint assessment tool for the ASM sector using a methodology based on the NTC ISO14064 technical standard and the criteria established by the Intergovernmental Panel on Climate Change (IPCC) reports. The results of the pilot application in three mining organizations in Colombia (La Gabriela, El Cangrejo, and Golondrina) provide important clues on how to progress towards potential pathways to low-carbon Artisanal and Small-Scale Mining (ASM). Some priorities on this path include:

- Conducting carbon footprint assessments for other mining organizations, particularly for certified mining organizations.
- Implementing actions that promote the reduction of the carbon footprint in each of the mining organizations we work with, based on available funding.

## Other implemented activities

In line with our commitment to climate change mitigation and environmental protection, our Mining Sustainability Team strengthened its strategy by developing procedures, metrics, indicators, and tools for the effective monitoring of environmental best practices implemented by mining organizations. These actions include the utilization and recirculation of water, reforestation, proper management of hazardous substances, and waste management.







8.

# ARM and Fairmined visibility



In 2022, we continued to position ourselves among different audiences through digital media (websites and social media platforms of ARM and FAIRMINED) and by participating in both in-person and virtual events with various partner organizations.

**A total of 71 contents were published on the websites**, including 25 news articles, 9 press releases, and 3 blogs on ARM's website, as well as 18 blogs and 16 news articles on the Fairmined website. These publications contributed to communicating our impact in the different territories where we work and fostered reflection and analysis on the challenges of ASM and the importance of sourcing metals from this sector to achieve a positive transformation in the lives of miners and their families.

Additionally, **we participated in 45 significant global events in the sector, including six events organized by our team:**



Intercultural dialogue sessions in the mining context (in partnership with GDIAM, WWF, and funded by the Ford)

Presentation of the Financial and Fiscal Model for ASM (in partnership with Minsus).

Strengthening of the gold supply chain in mining communities in Colombia: A tool for implementing due diligence (within the framework of the Golden Roots project, in partnership with Atabaque Foundation and Altea Group).

OECD Due Diligence Workshop - Peru (in partnership with and funded by the OECD).

Convention of Women Gold Miners in Colombia.

First National Dialogue on Artisanal and Small-Scale Mining in Honduras





9.

## Financial statements



As a result of the 2022 operations, the organization mobilized financial resources amounting to \$1,232,444 USD (\$5.928 billion Colombian pesos). Out of this figure, 68% corresponds to income received from development cooperation projects, totaling \$844,208 USD (\$4.061 billion Colombian pesos). Within the same flow of resources, noteworthy amounts include \$205,151 USD (\$987 million Colombian pesos) and \$60,996 USD (\$293 million Colombian pesos) from product and service revenues and industry and individual income, respectively. These figures experienced significant growth during the 2022 reporting period.

The income from Fairmined development and administration fees reached \$112,754 USD (\$542 million Colombian pesos), and financial income amounted to \$9,335 USD (\$45 million Colombian pesos). Both of these categories showed an increase compared to 2021.

Funding sources	COP	USD	%
Development Cooperation Projects	4.060.810.455	844.208	68%
Industry and Individuals	293.402.051	60.996	5%
Products and Services	986.817.860	205.151	17%
Fairmined Development and Administration Fee	542.370.424	112.754	9%
Financial Income	44.901.948	9.335	1%
Total	5.928.302.737	1.232.444	100%





# Annual Report 2022



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