ARTISANAL MINING GRAND CHALLENGE: THE AMAZON

FINALIST

ASM PROGRESS APP

Facilitating transparency for responsible environmental and social management in ASM

B2B

A digital online tool that supports mineral supply chain companies who want to buy from artisanal and small-scale mining organizations (ASMO) and access reliable, traceable and transparent social and environmental data on ASMOs and their compliance with international standards like CRAFT, Fairmined and/or Forest Smart Mining (FSM)

ASM Progress App streamlines the compliance verification, reporting, and monitoring process.

Problem

To manage risk, supply chain actors do not want to buy minerals and materials (i.e. gold) from artisanal and small-scale mining organizations (ASMOs) involved in social or gender conflicts, mercury contamination, child labor and/or producing negative impacts on the environment and biodiversity. Conducting due diligence on ASMOs and monitoring responsible practices is costly and time-consuming.
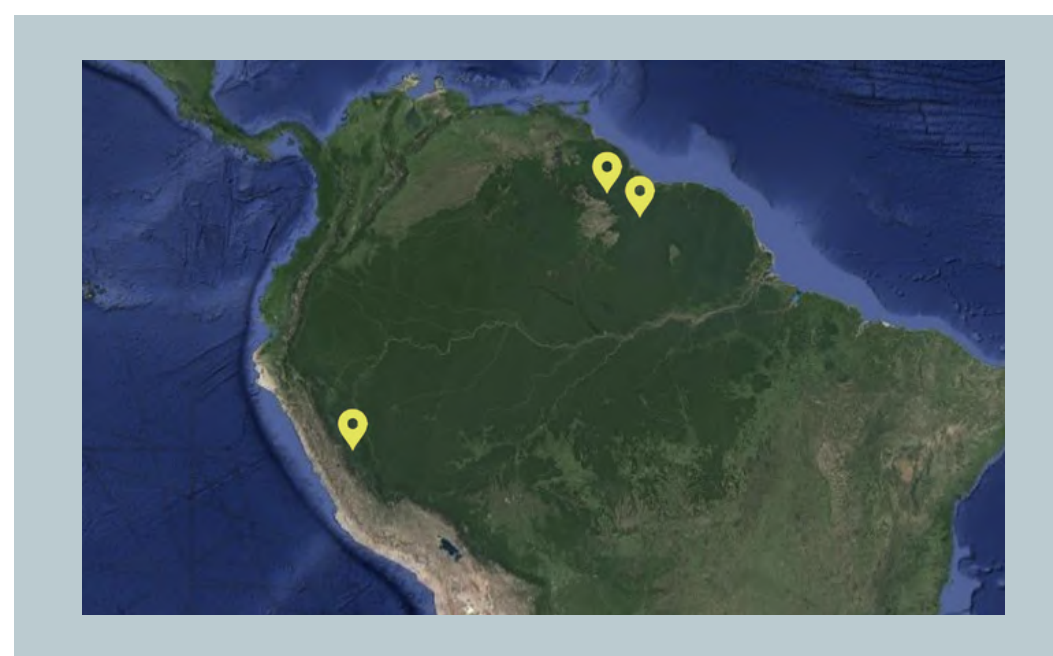
Solution

A digital platform that enables actors and partners in the mineral supply chain to visualize in real-time the status and management practices of ASMOs.

The app operates in three languages (English, Spanish and French) and allows users to view/create reports on each ASM mining site, or organization and the context and characteristics of their locations. Buyers and supply chain actors can quickly understand the legal status of each ASMOs' legal status; environmental, social and labor practices; and risk profile.

Market & Users

Supply chain actors such as mineral traders, buyers, refiners and downstream companies.

NGOs, donors, governments and public entities that seek to support org. environmentally responsible ASMOs.

With its partner Betterchain, ASM Progress App is being developed and tested in Guyana, Suriname and Peru through its participation in the Amazon CoLab

Organización

The Alliance for Responsible Mining (ARM) is a global expert in artisanal and small-scale mining and designer of the Fairmined & CRAFT standards, widely recognized responsible mining schemes in the sector. For the last 20 years, ARM has worked with **+200 ASMOs** in **25 countries** and has generated an impact for **34K miners**.

In partnership with Levin Sources and Fauna & Flora, ARM is co-designer of the Forest-Smart Mining (FSM) standard, a novel standard created to protect forests.
FSM has been tested in five (5) different countries, such as Colombia, Peru, Ghana, Burkina Faso, and Liberia.

Competitive Landscape

There is no other digital platform to connect ASMOs with the global supply chain actors and visualize their commitment to environmental and social responsible practices.

The ASM Progress App wants to position itself as the go-tool for ASM miners to document responsible management practices and connect with supply chain actors.

Future Development

Seeking additional funding and investment to continue platform development, expand testing and user acquisition, to keep connecting more and more miners to the formal supply chain.

The Artisanal Mining Grand Challenge: The Amazon is implemented by Conservation X Labs in partnership with the United States Agency for International Development (USAID), the Gordon and Betty Moore Foundation, Microsoft, and Esri. The Challenge seeks to advance innovation solutions that make artisanal and small scale mining more environmentally responsible and socially equitable.

www.artisanalminingchallenge.com