planetGOLD
In Review
Making a world of difference in small-scale gold mining
planetGOLD In Review

Ludovic Bernaudat
planetGOLD Phase 1 Programme Manager,
UN Environment Programme
Overview of the planetGOLD Programme

Ludovic Bernaudat
planetGOLD Programme Manager
Artisanal and Small-Scale Gold Mining (ASGM)

- 80 countries
- 10-20 million miners
- 4 million women and children
- Important source of livelihoods in rural areas
- Often associated with negative social and environmental impacts
Mission:
To make small-scale gold mining safer, cleaner, and more profitable

Vision:
A clean global supply of gold from small-scale miners

planetGOLD Phase 1:
**GEF financing:** $45,262,294
**Co-financing:** $135,174,956
<table>
<thead>
<tr>
<th>Category</th>
<th>Members</th>
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<tbody>
<tr>
<td>Large Scale Mining</td>
<td>MWAMBA</td>
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<td>Academia</td>
<td>CENTRO DE INNOVACIÓN CIENTÍFICA AMAZONICA</td>
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<td>CIRDI - Canadian International Resources and Development Institute</td>
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<td>Governmental Entities</td>
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<td>MERCURY PARTNERSHIP - UNITED STATES OF AMERICA</td>
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<td>NGO/Social Enterprises</td>
<td>pact - building local promise</td>
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<td>ALLIANCE FOR RESPONSIBLE MINING</td>
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<td>Refiners</td>
<td>LEVIN SOURCES</td>
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<td>Mining Finance</td>
<td>OCIM - Strategic Assets Finance</td>
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<td>ARGOR-YS</td>
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<td>BETTERGOLD - SWISS</td>
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<td>ITALPREZIOSI - Precious Metals Refining and Trading</td>
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High-level Progress Overview
### Formalization

<table>
<thead>
<tr>
<th></th>
<th>Review of legal framework &amp; recommendation of changes either initiated or completed</th>
<th>Identified miner organizations for assistance</th>
<th>Training/sensitization and/or assistance with permitting</th>
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### Access to Finance

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<tr>
<th>Country</th>
<th>Analysis of existing financial mechanisms / Outreach to finance entities</th>
<th>Financial mechanisms designed / Agreement with institutions developed/underway</th>
<th>Loan application assistance provided</th>
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Legend:
- Green Circle: Yes
- Orange Circle: No
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<tr>
<th>Country</th>
<th>Experts hired / Site assessments (ore, mercury, land) conducted</th>
<th>Focus group discussions / mercury-free technology trainings conducted for miners</th>
<th>Land/plants identified &amp;/or applications in process / Mercury free system designed / Manufacturers, concessionaires, suppliers identified</th>
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### Access to Markets

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<tr>
<th>Country</th>
<th>Tools/capacity building for due diligence (DD) and/or gold branding</th>
<th>Review of gold trade policies / Recommendations for reform</th>
<th>Supply chain mapping &amp; identification of potential downstream buyers</th>
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Evaluation of GEF interventions in artisanal and small-scale gold mining
- Juha Uitto, GEF Independent Evaluation Office

GEF ASGM highly relevant to Minamata Convention and target major mercury using countries

GOLD program learned lessons from past, increasing focus on access to finance, markets for miners and private sector partners

GEF-5 projects sustained mercury use reductions in many cases, but common replacement is cyanidation

Global “hub” project increases communication and learning between child projects

The GOLD program targets mercury reductions but not other environmental or health monitoring issues related to ASGM

2/3 of mercury reductions to come from knowledge dissemination rather than project activities, which will be difficult to monitor
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Miguel Morales
Senior Vice President, GEF Project Agency, Conservation International
planetGOLD
Making a world of difference in small-scale gold mining.
A GEF Initiative
planetGOLD Active Projects
- Burkina Faso
- Colombia
- Ecuador
- Guyana
- Indonesia
- Kenya
- Mongolia
- Peru
- Philippines

planetGOLD Projects in Development
- Bolivia
- Ghana
- Madagascar
- Suriname
- Congo
- Honduras
- Nigeria
- Uganda
**Bolivia**
- ASGM gold is a main export, critical to economy
- Country has become a regional hub for informal mercury trade
- Growth in ASGM = strong need to conciliate land use, biodiversity and other livelihoods

**Suriname**
- ASGM accounts for at least 50% of annual gold production
- Suriname’s significant ASGM sector has contributed to deforestation and river contamination
- ASGM labor force is dominated by Brazilian (Garimpeiros) and Surinamese Maroons (tribal peoples of African descent)

**Honduras**
- ASGM sector employs roughly 3,000 people
- Diverse local mining techniques
- Mechanized operations coexist with artisanal miners
Madagascar
ASGM is livelihood source for 600,000 miners
Country has lost 90% of its original forest
Responsible ASGM is a priority for the government

Uganda
ASGM is primary livelihood source for 30,000 miners in all 4 provinces
Workforce characterized by high proportion of women, especially in alluvial mining
Children comprise 20-30% of the workforce

Nigeria
>90% of all gold production is carried out by ASGM miners
ASGM is livelihood source for 500,000 people
Country experienced rare case of combined contamination

Republic of the Congo
ASGM is primary livelihood source for 5,000 miners in 8 districts
Majority of mining is alluvial using rudimentary panning, amalgamation and open burning
Project will collaborate with Congo Basin Impact Programme to reduce biodiversity impacts

Ghana
Known as the ‘Gold Coast’ until 1957
Africa’s largest gold producer
ASGM sector employs at least 1 million rural Ghanaians
Jurisdictional Approach to ASGM Formalization

- Economic
- Environmental
- Social
- Policy

Jurisdiction (sub-national)

Stakeholder engagement across sectors
Action plans
Financing plans
Monitoring and evaluation
Adaptive management
WHAT IS THE JURISDICTIONAL APPROACH?

- Place-based approach to sustainability focused on areas defined by government administrative boundaries (e.g. state or province).
- Reconcile social, economic, environmental objectives through multi-stakeholder participation + government engagement.
- Sustainable sourcing that considers sustainability of a commodity producing region.
JURISDICTIONAL APPROACH COMPLEMENTS SUPPLY CHAIN MANAGEMENT

- Government Engagement + Alignment
- Multi-stakeholder participation + inclusivity
- Production + Conservation, multi-commodity
- Greater potential scale of impact
Potential Benefits to Jurisdictional Approach

- Avoids costs of “mine by mine” approach
- Creates direct link between market interests and government policy and enforcement
- Mechanism better suited to address co-benefit issues like watershed health, biodiversity conservation, forest smart mining
- Potential for more integrated approach which could include additional commodities and/or issues such as human health
- Traceability improvements - only need to trace to jurisdiction rather than individual mines
Jurisdictional Approaches in planetGOLD

planetGOLD countries will be supported in Jurisdictional Approaches via:

- Webinar series
- Topical presentations
- Tools and methodologies workshops
- Product review and consultations
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Ludovic Bernaudat
planetGOLD Phase 1 Programme Manager, UN Environment Programme

Supported by:  Led by:  In partnership with:

planetGOLD  gef  UN Environment Programme  UNIDO  UNEP  CONSERVATION INTERNATIONAL  MINAMATA CONVENTION ON MERCURY
“Mastermind” Session on Responsible Gold
2021 Cannes Film Festival

Featuring:

- Ludovic Bernaudat, planetGOLD
- Selim Fendi, Aurum Monaco
- Louis Marechal, OECD
- Daniel Stapper, Pact
- Dr. Okyere Darko-Mensah, Ghana regional minister
- Iris Van der Veken, Responsible Jewellery Council
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