



Madagascar Small mining activities

Progress since CASM 2006

« ASM: An opportunity for Rural Development »

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Ministry of Energy and Mines

MADAGASCAR

Stones and Gold

- Amelioration of the Regulatory framework adapted to the context
- Strategic Decision Meeting for the small mining sector
- Strengthening of the capacity of the « Institut de Gemmologie de Madagascar »

Regulatory framework

- ASM allowed by the mining Code
- Reduction of the dimension of the square for the permit adapted to the small miners
- Installation of the « couloir d'orpaillage » for the gold panners
- Local Authorities responsible for the gold panning sector follow up
- Formalization of gold panning activities at the commune

National Forum on Small Scale Mining « Strategic Decision Meeting, Petites Mines »

- 1,000 participants for the three Regions : Horombe, Diana, Analamanga



« Strategic decision meeting »

Resolutions

- Formalization of Small miners activities
- Amelioration of gemstone trade
- Development of jewellery hand made trade
- Creation of lapidary schools
- Set up of Mining Administration Bureau at Ilakaka
- Training of Local Authority

Results for Antanimbary Gold formalization

- 1,500 gold panners formalized
- Increase of gold production declared 0kg 2004 to 72kg 2008
- Amelioration of the gold price; 8\$US/gr (2004) to 24\$US/gr (2008)
- Amelioration of taxes revenue for the Commune from 700\$US (2004) to 5,000\$US (2008)

Antanimbary Gold formalization impact



Social infrastructures ameliorated



Standard of living ameliorated

Ilakaka Small Mining Formalization

- 20 Local Authorities for the 5 Communes trained on administration management, budget processing and mining activities follow up



Ilakaka Small Mining Formalization



- 1,200 Small Miners trained on environmental impact, exploitation technique and familial budget management
- 62 Small Miners cooperative created

Ilakaka Small Mining Formalization

Mining Administration Bureau built



The image shows the exterior of a modern building with a mix of wood paneling and light-colored walls. A flagpole with the Malagasy flag is visible on the left. A sign on the wall identifies the building as the Institut de Gemmologie de Madagascar. The text is overlaid in white, bold font.

**Extension of « Institut de
Gemmologie de Madagascar »
activities
for a Rural Development
through education.**

From 2004 date of creation to 2006 CASM in Antsirabe

IGM held few courses and has trained:

- 34 gemmologist FGA
- 280 lapidaries
- 1500 hand miners through 13 rural communities with « gemmologie pour tous »

From 2006 up to 2009

- New branches and classes have been added.
- New activities started

Gemmology branch

- 6-month gemmology course
- 2-week practical gemmology
- 2-year gemmology distant education



3-DAY GEMMOLOGY FOR KIDS

Lapidary branch

- 4-week beginning course
- 4-week advanced course
- 4-week special instructor course





3-month basics on Thai
gem cutting techniques



Creation new lapidary schools



EESVA ANTSIRABE

Custom Jewellery branch

- 2-week beginning class
- 1-week advanced class



« IGM ambulant »

IGM moves to the Regions to teach its courses. These courses are the same as taught at the IGM campus and included lapidary, gemmology and custom jewellery courses.



Lapidary public workshop

IGM rents its cutting machines for students who followed lapidary courses at IGM.





A laboratory technician working on a gemstone
at the IGM laboratory



Madagascar Gemstone Market, MGM

Realisation from 2006 to 2009

- 817 educated on gemmology
- 419 trained on lapidary
- 80 new designers on custom jewellery
- 1273 stones tested
- 89 lots of stones controlled for exportation

Students from about 20 nationalities are now members of the IGM Family.



Students from different nationalities

Partners

- Artminers Madagascar, branch of Tiffani and Co.
- Vogue group Madagascar- a representative of Vogue group Dubai
- South African Mining Madagascar
- Madacana- a canadian company based in Madagascar

Projection for the next five years

New branches and new classes:

- Advanced level on thai gem cutting techniques.
- 3-month practical gemmology
- 1-year lapidary course
- Fine jewellery course
- Basics on heat treatment class

- More implication in Africa and around the World :
 - Pakistan
 - Afghanistan

IGM - A job incubator for ASM

- Staff of 15 agents
- Up to 7 semesterly renewable trainees from local and international instituts or high schools and from different specialities.
- Increase people involved, directly or not, on gemstones activities.
- Improvement of the cut stone quality sold on local market.

IGM is

- A Gemmological Association of Great Britain (Gem-A) Accredited Teaching Center (ATC);
- A member of CIBJO (The World Jewellery Confederation) and
- A candidate to be an accredited institut in the SADEC (Southern Africa Development Community).



Ladies and Gentlemen
Thank you for your attention.

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