

# Madagascar Small mining activities

Progress since CASM 2006

« ASM: An opportunity for Rural Development »

> Ranorosoa Nadine General Secretary

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



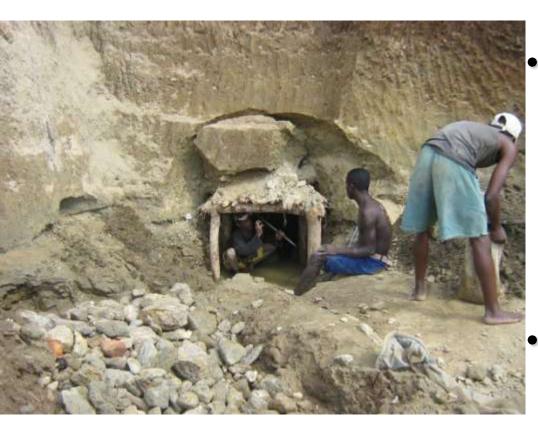
Standard of living ameliorated

# 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





### 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 inclued 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 controled 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).

