



Key Issue 2: Bring Stakeholders

- ASGM Project funding from bilateral and multilateral donors and local funding institutions
 - The World Bank
 - UN Industrial Development Organization (UNIDO)
 - UN Environment Programme (UNEP)
 - Geological Survey of Denmark and Greenland (GEUS)
 - US Agency for International Development (USAID)
- Implementation of Quick Start Programme (QSP) for Artisanal and Small-scale Gold Mining (ASGM)



Key Issue 3: Mainstreaming

- a. **ASGM Conferences, Meetings and Consultations**
- **March 2007:** Forum on Small-scale Mining in the Philippines, Makati City
 - **June 2005:** Community and State interests in Small-scale Mining – Sharing Experiences from the Asia-Pacific Region, Manila
 - **March 2004:** International symposium on the diversity of mining and sustainable local development: A Meeting to Study the Business Practices of Small-scale Gold Mining in Benguet, Philippines, Baguio City
 - Benguet Federation of Small-scale Miners Annual Mining Congress



Key Issue 3: Mainstreaming

(Continued)

- Inception Meeting – Jan 19-21, 2010
- ASGM Global Forum
- NSP Plan:
 - ✓ Approach from development perspective
 - ✓ Popularize the issue – targetted IEC Campaign
 - ✓ Focus on policymakers



ASGM support interventions: past and present

- Formulation of environmental regulations to restrict mercury use
- Awareness raising campaigns on mercury's harmful effects
- Health and environmental studies on ASGM including testing of mercury free gold processing alternatives
- Training of small-scale miners and their families on the safe handling of mercury



ASGM support interventions: past and present

- **Related researches and studies**

1. Mercury pollution in ASGM

- The Effect of Mercury Emissions from Diwalwal Small-scale Gold Mining Operations to Environment and Health: UNIDO 2001
- Accumulation of Mercury and Other Heavy Metals in Some Edible Marine Mollusks in Sibutad, Zamboanga del Norte: Lacastesantos – Fernandez 2000
- Mercury Contamination Associated with Small-Scale Gold Mining in the Upper Ambalanga River, Benguet, Philippines from River Sediment Sampling: Maglambayan et al.



ASGM support interventions: past and present

- **Related researches and studies**

1. Mercury pollution in ASGM

- Human Exposure to Mercury in Fish in Mining Areas in the Philippines: DOH
- Health and environmental assessment from mercury exposure among gold miners in Pantukan, Compostela Valley Province: DOH
- Baseline Environmental Study of Barangay Runfuno Small-scale Mining in Quezon, Nueva Vizcaya: CERMSD-NVSU 2007
- Baseline Study of the Major River Systems and Tributaries of Barangay Didipio, Kasibu, Nueva Vizcaya: CERMSD-NVSU 2006



ASGM support interventions: past and present

- **Related researches and studies**
- Evaluation of a New, Mercury-free Method for Small-scale Gold Mining in the Philippines: Lucke 2005
- An investigation of an environmentally benign method for small-scale gold mining in the Philippines: Ohlander 2005
- Mercury Pollution Due to Small-Scale Gold Mining in the Philippines: An Economic Analysis: Israel & Asirof 2000
- Country Case Study on Artisanal and Small-scale Mining: Bugnosen 2001



Conclusion

- ✓ **Work in progress**
- ✓ **No silver bullets**
- ✓ **Immediate actions needed**

Thank you!



Central Office: Visayas Avenue, Diliman, 1100 Quezon City
Telephone: +63-2-929-6626
www.denr.gov.ph