

SALUDOS A LOS AMIGOS DE COLOMBIA EN MONGOLIA,



SOME CONSIDERATIONS ABOUT SO CALLED SMALL MINING IN FACE OF FORMALIZATION PROCESS

THE CURRENT SITUATION OF ASM AND FURTHER TRENDS IN THE LAC REGION

ASIA PACIFIC REGIONAL CONFERENCE

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LATIN AMERICAN COUNTRIES RECEIVE EXPLORATION INTEREST



¿WHY PROMOTE SO CALLED ASM ?.

- **PROMOTE THE IMPROVMENT OF THE MINING COMPANIES TOWARD THE QUALIFICATION OF THE THECNICAL, SOCIAL, ECONOMICS, ENVIRONMENTAL ISSUES WHITOUT ANY CONSIDERATIONS ABOUT THE SIZE OF THE OPERATIONS, LOOKING THE FEASIBILITY AS A ECONOMIC UNIT***
- **LOOKING ALTERNATIVES FOR SMALL COMPANIES OR OPERATIONS TRANSFORMING ITS THCNOLOGY AND MANAGEMENT, IN ORDER TO GIVE THEM CONPETITIVITYACCORDING***

• * Declaración de Buenos Aires, 1.998

START POINT

- **MINIG POLICY MUST PROMOTE REAL SUSTAINABILITY**
- **SUSTAINABILITY MUST BE CONNECTED WITH EFFICIENCY, AND MUST BE PAID WITH EARNINGS, WITHOUT EARNINGS, IT IS IMPOSIBLE GOOD QUALITY MINING AND THE ACTIVITY MUST BE RETHINKED**
- **SUSTAINABILITY IT IS A VERY DINAMIC CONCEPT, ,IT IS RELATIVE AND VARIABLE IN TIME, LIKE THE CONCEPT OF RESERVES**

*COMO EL DE LAS RESERVAS

SUSTAINABILITY FACTORS

- CONSENSUS
- ASSET INTEGRITY
- GLOBALIZACIÓN
- MULTIPLIER AS JOINT INTERNAL
- SOCIAL EQUITY

TODAY

- **MORE THAN HALF CENTURY, COUNTRIES AROUND OF THE WORLD, INSIST IN THE “PROMOTION OF SMALL MINING**
- **THIS MINING SUPPORT DO NOT TRADUCE IN THE CONSOLIDATION OF THE NATIONAL MINING COMPANIES**

CRITERIA FOR THE CLASIFICATION OF ASM

1. VOLUME OF PRODUCTION
2. NUMBER OF PEOPLE INVOLVED PER PRODUCTION UNIT
3. CAPITAL INTENSITY(VOLUMEN OF CAPITAL USED)
5. PRODUCTIVITY OF THE MAN POWER
6. SIZE OF THE AREA OF MINING RIGHT
7. VOLUME OF RESERVES
8. CONTINUITY OF OPERATIONS
9. LEVEL OF FORMALITY OF OPERATIONS

THE TRUTH IS THERE NO, A UNIVERSAL DEFINITIONBU ABOUT ASM



ASSOCIATED PROBLEMS TO THE ASM

IN GENERAL

- ENVIRONMENTAL
- OCCUPATIONAL HEALTH
- INVESMENT
- PRODUCTIVITY
- SOCIALS.
- TAX EVASION
- VIOLENCE

WHIT THE AUTHORITY

- LACK OF ECONOMIC AND HUMAN RESOURCES
- LOW CAPACITY CONTROL
- LOW TAX AND ROYALTIES COLLECTION
- LOW INCOME
- INSTITUCIONALITY

**ALL THESE FACTORS HAVE
PRODUCED, PRODUCE AND
WILL PRODUCE, ALWAYS,
STATE IN HAZARDOUS DE
LEGITIMIZATION IN THE
MINING DISTRICTS**

¿IT IS IMPORTANT THE WORK OF THE ASM ?

- A NUMBER INDICATES, A PRIORI, BE AVERAGE SALARY OF U.S. \$ 300/month. IF THIS IS SO, THE YEAR IN A COUNTRY LIKE PERU, WHERE IS RECOGNIZED THE EXISTENCE OF SMALL MINERS 50,000, WAGES ARE PAID BY U.S. \$ 180'000 .000 / YEAR AND METHODOLOGY APPLIED THE SAME, YOU CAN ESTIMATE THAT VALUE OF THE WORK OF SMALL MINERS IS MORE OR LESS AROUND US\$ 5,760 MILLIONS OF U.S. DOLLARS

¿WHO SHOULD RECEIVE STATE ACTION??

- **WHO DEVELOP FULL MINING CYCLE: THE TRUE ENTREPRENEUR, WHATEVER YOUR SIZE.**

WHAT TO DO?

- **ADOPT POLICY DECISION MAKING GOOD LONG TERM SMALL MINING**
- **REDEFINE THE ROLE OF STATE AND THE PRIVATE SECTOR.**
- **EXECUTE INSIDE OF THE MINING AUTHORITY AN INDICATIVE DEVELOP MINING PLAN**

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¿HOW TO IMPLEMENT THE DECISION?

- **MINING AUTHORITY SHOULD NEGOTIATE WITH THE HEAD OF STATE AND ECONOMIC AUTHORITY, AN INTEGRAL MATRIX BUSINESS DEVELOPMENT PROJECT, BASED SUPPORT RECIPIENT IDENTIFICATION AND DIGNIFIED FORMULE ECONOMIC ALTERNATIVES FOR THOSE WHO DO NOT MEET THE MINIMUM..**

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¿TRADES WHAT??

- **CREDIT ACCESS TO FINANCE
WORKING CAPITAL**
- **IMPROVEMENT IN THE
MARKETING PROCESSES,
INCLUDING THE COLLECTION**
- **GETTING WITH PHYSICAL
SECURITY AND DEVELOPMENT
HEALTH AND SAFETY MINING
(OCCUPATIONAL HEALTH)**
- **ENVIRONMENTAL RECOVERY >
LAND RECLAMATION AND
PREVENTION OF NEW
DAMAGES.**
- **A NEW MODEL OF RELATIONS
OF MINING WITH THE
COMMUNITY AND SOCIETY**
- **CONSOLIDATION OF
ALTERNATIVE MODELS THAT
ASSUME MAN POWER**

¿WHO WARRANT AND SUPPORTING POLITICAL DECISION?

- NATIONAL CONGRESS
- UNIONS AND MINERS ASSOCIATIONS
- NGOS
- ESPECIALLY COMMUNITIES OF MINING
AREAS.

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¿WHAT DO YOU NEED?

- NATIONAL MINING PLAN INDICATIVE
- PROGRAM WORKING WITH A PUBLIC MANAGER RESPONSIBLE TO GIVE AND RUN ECONOMIC TECHNICAL PROPOSAL
- A SMALL TEAM AND A STRICT SCHEDULE
- DEFINING THE AMOUNT, ORIGIN AND CONDITIONS OF RESOURCES THAT THEY BEAR ENTIRE PLAN AND UPDATE

THE OBJECTIVE OF STATE SUPPORT, TO THE NATIONAL MINING DEVELOPMENT.

- **MORE THAN GIVE SUPPORT, HAVE TO CREATE MINING COMPANY**
- **MORE THAN OVER COACHING ENTREPRENEURS HAVE TO BE THAT BE GOOD CITIZENS,**
- **GOOD EMPLOYERS THAT KNOW WELL THE MINING BUSINESS, BINDING THE COMMUNITY, CARE FOR THE ENVIRONMENT AND SOLID FORMING SOLID MINERS ASSOCIATIONS .**

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MINERALS TO BE SELECTED

- THOSE MINERALS HAVE THE COUNTRY
- THOSE THAT GEOLOGICAL SERVICES.
DETERMINE HOW INTERESTING
- THOSE MINERALS THAT HELP TO SATISFY THE
NATIONAL BASIC NEEDS

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SUMMARY

- **SMALL-SCALE MINING. IS NOT A LOCAL PROBLEM OR GIVEN ONLY ONE COUNTRY,**
- **IS SURROUNDED BY A LACK OF WIDESPREAD HAZARDOUS AND FIGURES AND RELIABLE DATA**
 - **THE P.M. PROVIDE A LOCAL ECONOMIES AND CONTRIBUTE TO THE REGIONAL DEVELOPMENTS.**
- **THERE, AND SHOULD NOT BE A SINGLE DEFINITION PM MUST SEEK AND REMOVE THE CONCEPT LOOKIN FOR A NEW OKNE MORE COMPREHENSIVE**
- **YOU SHOULD CONSIDER ECONOMIC, SOCIAL AND ENVIRONMENTAL CONDITIONS OF THE COUNTRY.**
- **THE THEME OF THIS SRTATA OF THE PRODUCTION REACHES A WIDE SECTOR OF THE STATE**
- **IT IS IMPERATIVE USE C & T. AND THUS A POLICY MUST BE SET TO ACCEPT AND USE DEFINED TECHNICAL COOPERATION . AND SUPPORT MULTILATERAL PROGRAMS .**
- **ANY RATING FOR ASM, SHOULD LOOK MINING CYCLE**

CONCLUSIONS

- **IT IS NECCESARY STABLISH THE DIFFERENCE BETWEEN SMALL MINING, ARTISANAL MINING AND SURVIVAL MINING .**
- **THE ASM CAN NOT CONTINUE TO BE CONSIDERED AS A PROBLEM SHOULD BE MADE TO LOOK LIKE A REAL ECONOMIC OPPORTUNITY.**
- **RAISE YOUR ELIMINATION BEFORE, YOU SHOULD FIND YOUR TRANSIT TO CONSOLIDATED BUSINESS FORMS (TESAS).**
- **TAKE IN ACCOUNT CITIZENS TO PRACTICE MINING AND NOT WITH STARTERS THAT SOMETIMES HAVE LUCK.**
- **TRAINING TO FILL EFFECT SHOULD BE FURTHER, PERSEVERANCE AND ENLARGE THE BASIC EDUCATION EFFORT TO GIVE.**
- **MINING PROJECTS IN SOME COUNTRIES FEASIBLE, CAN NOT GROW, IF THERE IS A DEFINITION WITH OPERATORS MADE, SMALL INFORMAL AND CRAFTS**

!!!MUCHAS GRACIAS!!!

