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

Geol. EDUARDO CHAPARRO AVILA

Director Ejecutivo Cámara Asomineros ANDI,
LATIN AMERICAN COUNTRIES RECEIVE EXPLORATION INTEREST

Canadá 18%
Estados Unidos 8%
México 6%
Colombia 2%
Perú 4%
Chile 5%
Argentina 2%
Brasil 3%
Europa 4%
Ex URSS/Mongolia 3%
China 4%
Africa Occidental 6%
Africa Subsahariana 8%
África del Sur (países del sur de África) 6%
Rusia 3%
Isla del Pacífico 5%
Australia 13%
Otros países representan el 6%

Fuente: Metals Economics Group, 2012
¿WHY PROMOTE SO CALLED ASM?.


- LOOKING ALTERNATIVES FOR SMALL COMPANIES OR OPERATIONS TRANSFORMING ITS TECHNOLOGY AND MANAGEMENT, IN ORDER TO GIVE THEM COMPETITIVITY ACCORDING*

  * Declaración de Buenos Aires, 1998
START POINT

- MINING POLICY MUST PROMOTE REAL SUSTAINABILITY

- SUSTAINABILITY MUST BE CONNECTED WITH EFFICIENCY, AND MUST BE PAID WITH EARNINGS, WITHOUT EARNINGS, IT IS IMPOSSIBLE 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 DEFINITION BUT ABOUT ASM
ASSOCIATED PROBLEMS TO THE ASM

IN GENERAL
- ENVIRONMENTAL
- OCCUPATIONAL HEALTH
- INVESTMENT
- 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

ASOMINEROS-ANDI
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.
¿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

ASOMINEROS-ANDI
¿WHO WARRANT AND SUPPORTING POLITICAL DECISION?

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

ASOMINEROS-ANDI
¿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.
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

ASOMINEROS-ANDI
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 looking 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 NECESSARY TO ESTABLISH 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!!!