

# INCENTIVES & ENVIRONMENTAL PROTECTION

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## BIG FIGURES

**Cu, Au, Ag PRODUCTION: >4 million Tons/YEAR**

**BIG MINING                      95%                      16 FIRMS + CODELCO**

**MEDIUM MINING            3%                      18 FIRMS**

**SMALL MINING                2%                       $10^3 - 10^4$**



# Incentives for Environmental Protection

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Chile

**DESERTIC**

**SEMI  
DESERTIC**



**BIG  
MINING**

**MEDIUN  
& SMALL  
MINING**

**BIG MINES  
UNDERG.**

**HIGH PLATEAU  
ALTIPLANO  
ECOSYSTEM**

**TRANSVERSAL  
VALLEYS**

**MOUNTAIN  
CLOSE TO DENSE  
URBAN AREAS**

## DIRECT PROTECTION OF BIODIVERSITY

- > ENVIROMENTAL IMPACT ASSESMENT SYSTEM.
- > PROTECTED AREAS ( 18 % OF THE COUNTRY)
- > ABSENT OF A NATIONAL BIODIVERSITY STRATEGY.
- > NOT UPDATE CLASIFICACION LISTS OF FLORA AND FAUNA.

==> DOES NOT EXIST A FOUND FOR THE PROTECTION OF BIODIVERISTY

# WHAT EXIST AS AN “INCENTIVE” ?

- ◆ FRAME AGREEMENT OF CLEAN PRODUCTION FOR THE BIG MINING
- ◆ ENVIROMENTAL ORIENTED TRAINING PROGRAM FOR SMALL MINING

# CLEAN PRODUCTION IN THE MINING INDUSTRY

- ◆ AGREEMENT BETWEEN THE PUBLIC ENFORCEMENT AGENCYS AND THE “MINING COUNCIL” (ALL THE BIG COMPANIES), FOR THE APLICATION OF A PREVENTIVE ENVIROMENTAL STRATEGY, APLY TO THE PROCESSES, PRODUCTION AND RELATED SERVICES
- ◆ OBJECTIVES
  - COORDINATION PUBLIC/PRIVATE
  - INFORMATION
  - EFICIENT USE OF WATER AND ENERGY
  - INCREASE REQUIREMENT OF WATER, SOLID WASTE AND GAS EMISONS OF THE BIG MINING
  - CHANCHING WASTE --->TO SUBPRODUCT

- ◆ THE CPA INCREASE LEVEL OF TRUST
  
- ◆ STABLISHING AND Environmental management system, gave:
  - 65% Improve their image
  - 61 % had direct financial benefits
  - 40 % improve their relation with stock owners
  - 28 % won competitive vantages
  - 23 % surviving

# ACTIONS

- ◆ FUND ONLY FOR MINING & ENV.
- ◆ PRIVATE PROTECTED AREAS
- ◆ PHILANTHROPY LAW
- ◆ DIFFUSION OF ACTUAL INITIATIVES