INCENTIVES & ENVIROMENTAL PROTECTION

BIG FIGURES

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

BIG MINING 95% 16 FIRMS + CODELCO

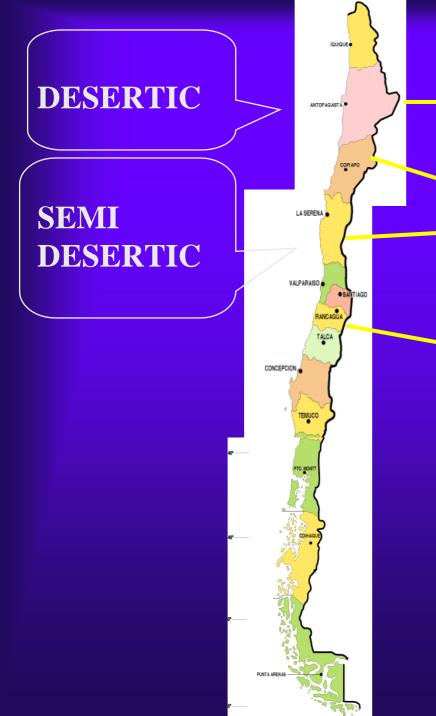
MEDIUM MINING 3% 18 FIRMS

SMALL MINING 2% 10³ · 10⁴



Incentives for Environmental Protection

Juan Carlos Cuchanovich Chile



BIG

MINING

HIGH PLATEAU ALTIPLANO ECOSYSTEM

MEDIUN & SMALL **MINING**

TRANSVERSAL VALLEYS

BIG MINES UNDERG.

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 CLASIFICATION 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 PROCESES, PRODUCTIOIN 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