



INSTITUTO
DE INGENIEROS
DE MINAS
DEL PERÚ

VII INTERNATIONAL EXPLORERS CONFERENCE

PROEXPLO 2011

Peru: Country for Exploration

Building Bridges:



AEPE
Asociación de Exploradores del Perú

 **ADIMB**
Agência para o Desenvolvimento
Tecnológico da Indústria Mineral Brasileira

February 6-8, 2011

Lima, PERU

1. ORGANIZING COMMITTEE

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- Guido Del Castillo, PROEXPLO 2011 Chairman
- Miguel Carrizales, IIMP Chairman

COORDINATORS

- Jeff Hedenquist, SEG/PROEXPLO
- César Aguirre, Epithermals
- César Vidal, Skarns
- John Black, Cu/Au Porphyries
- Silvia Rosas, Teaching of Geology

TECHNICAL COMMITTEE

- Miguel Cardozo
- Les Oldham
- Daniel Arias
- César Velazco



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2. OBJECTIVE

To project the image of Peru as the best country to explore in the world.

3. PERU - PRODUCTION

GOLD	
South America	Number 1
World	Number 6

Mining Ranking	1	2	3	4	5
Silver	Perú	China	México	Chile	Australia
Copper	Chile	Perú	USA	China	Indonesia
Zinc	China	Perú	Australia	Canadá	USA
Tin	China	Indonesia	Perú	Australia	Congo
Lead	China	Australia	USA	Perú	México
Molybdenum	China	USA	Chile	Perú	Canadá

4. PRINCIPAL PROJECTS OF PERU



Toquepala
Southern Copper Corp.



Yanacocha
Newmont



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Pierina Minera Barrick

Tukari Aruntani



5. FUTURE EXPLORATION PROJECTS

- Peru obtained the investment level by three of the main international credit rating agencies: Standard & Poor's, Moody's and Fitch.
- More than 100 exploration companies are currently exploring in Peru from USA, Canada, Australia, China and England.

- Third worldwide mining investment in exploration destination and second in Latin America. Metals Economics Group, MEG.
- It is calculated that the mining investment will exceed \$ 32.800 billion dollars in the following 6 years. Ministry of Energy and Mines of Peru, MEM.
- 75 Environmental Impact Assessment EIA approved in 2009 for exploration and 43 EIA approved for production at MEM

Estimated mining projects portfolio

	Project/Region	Metal	Start of Operations	Investment estimate (US\$B)	
EXPANSION	Fund. y Ref Ilo / Moquegua Toquepala / Tacna Cuajone / Moquegua	Cu	2012	600	8 PROJECTS Total \$3.494 B
	Marcona / Ica	Fe	2011	1.000	
	Ref. Zinc Cajamarquilla / Lima	Zn	2010	500	
	Cerro Verde / Arequipa	Cu	2012	1.000	
	Antamina / Ancash	Cu – Zn	2011	197	
	Colquijirca / Junín	Polymetallic	2011	197	
CONFIRMED INVESTMENT	Tía María / Arequipa	Cu	2012	950	3 PROJECTS Total \$3.210 B
	Toromocho / Junín	Cu	2012	2.200	
	La Zanja / Cajamarca	Au	2010	60	
FEASIBILITY STUDY	Río Blanco / Piura	Cu	2012	1.440	3 PROJECTS Total \$6.640 B
	Bayovar / Piura	Phosphates	2012	2.200	
	Quellaveco / Moquegua	Cu	2014	3.000	

Project/Region	Metal	Start of Operations	Investment calculation (US\$B)
Galeno / Cajamarca	Cu	2010	2.500
La Granja / Cajamarca	Cu	2014	1.000
Michiquillay / Cajamarca	Cu	2016	700
Quechua / Cusco	Cu	2013	490
Antapaccay / Cusco	Cu	2011	1.300
Hilarión / Ancash	Cu	2013	300
Tantahuatay / Cajamarca	Au	2011	56
Pampa de Pongo / Arequipa	Fe	2012	3.280
Corani / Puno	Ag	2014	428
Minas Conga / Cajamarca	Au	2014	2.500

DEVELOPMENT

10 PROJECTS

TOTAL
\$12.554 B

	Project/Region	Metal	Start of Operation	Investment calculation (US\$B)	
EXPLORATION	Pucamarca / Tacna	Au	2010	65	7 PROJECTS
	Las Bambas / Apurimac	Cu	2014	4,100	
	Los Chancas / Apurimac	Cu	2013	1.200	
	Marcobre, Mina Justa / Ica	Cu	2012	744	
	Haquira / Apurimac	Cu / Mo / Au	2013	301	
	La Arena / La Libertad	Au / Cu	2010	360	
	Shahuindo / Cajamarca	Au	2012	90	
TOTAL				US\$ 32.800 B	TOTAL \$6.860 B

6. VENUE

- **LIMA SHERATON HOTEL & CONVENTION CENTER**





7. PRELIMINARY PROGRAM

SUNDAY FEBRUARY 06		
10: 00 - 18:00 hrs.	Registration	
18:00 hrs.	Opening words Miguel Carrizales Guido del Castillo Steve Enders	IIMP President ProExplo President SEG President
19:00 hrs.	Welcome cocktail	

MONDAY FEBRUARY 07	
SALA A	SALA B
MORNING: 08:00 TO 13:00 hrs.	
Epithermal deposits	SEG / PROEXPLO
Organized by: César Aguirre	Organized by: Jeff Hedenquist
AFTERNOON: 15:00 A 18:00 hrs	
Copper /Gold Porphyry	Skarn deposits
Organized by: John Black	Organized by: César Vidal

TUESDAY FEBRUARY 08	
SALA A	SALA B
MORNING: 08:00 TO 13:00 hrs.	
Juniors	Teaching of Geology
	Organized by: Silvia Rosas
AFTERNOON:	
15:00 a 18:00 hrs.	Juniors
18:00 a 19:00 hrs.	Closing
20:00 hrs	Comradeship dinner

8. EXHIBIT



ALUBÖRG 07/04/10 - PROEXPLO 2011 01-D

9. TECHNICAL VISITS

Arasi Mining project, Puno

The Andrés Mine, Arasi is located in the province of Lampa, department of Puno at 4,600 masl. It is a high sulphidation gold deposit, operating in open pit with leaching pads and recovery in the MC Plant.



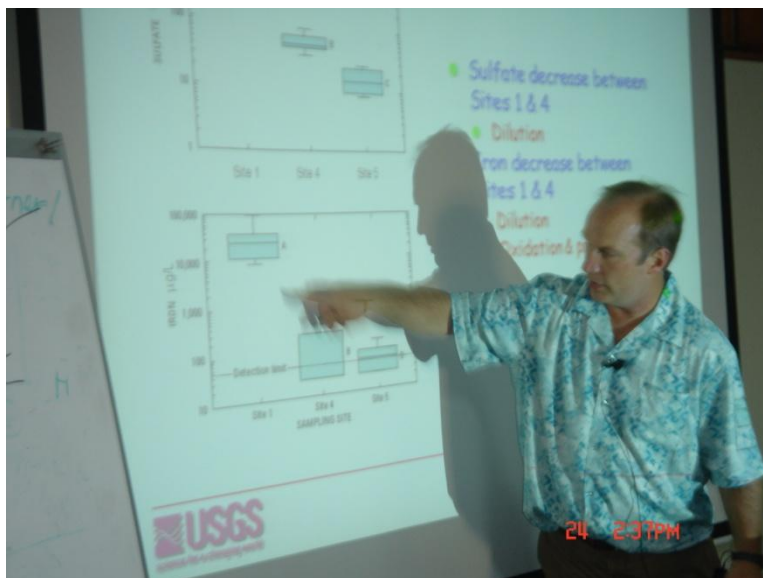
Xstrata Tintaya, Cusco

Xstrata Tintaya is located in the province of Espinar, department of Cusco at 4,100 masl. Xstrata produces concentrate and copper cathodes.



10. PRE AND POST EVENT COURSES

- Pre and post event courses with participación from SEG members will be held





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11. REGISTRATION

REGISTRATION – PRICES*					
ADVANCE REGISTRATION		LATE REGISTRATION		REGISTRATION IN VENUE	
<i>May 1 - October 31, 2010</i>		<i>November 1 – February 5, 2011</i>		<i>Starting February 6, 2011</i>	
Member	US\$ 300	Member	US\$ 350	Member	US\$ 400
Non-member	US\$ 350	Non-member	US\$ 400	Non-member	US\$ 500
Student	US\$ 50	Student	US\$ 75	Student	US\$ 100

** Taxes included*



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THANK YOU



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