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# THE NEXT COPPER GIANT

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VISION - EXPERTISE - RESOURCE

SEPTEMBER 2024



TSXV: **LBC**



OTCQB: **LBCMF**



DE: **29H**

# DISCLOSURE

Certain statements included in this presentation are forward-looking statements within the meaning of Canadian securities laws, including the following statements: the ability of Libero Copper Corporation ("Libero" or the "Company") to develop resources and then further develop reserves and resources; the anticipated economic potential of the concessions; the availability of capital and finance for the Company to execute its commitments and strategy going forward. Forward-looking statements are based on estimates and assumptions made by the Company in light of its experience and perception of current conditions and expected future developments, as well as other factors that the Company believes are appropriate in the circumstances. Many factors could cause the Company's results, performance or achievements to differ materially from those expressed or implied by the forward looking statements, including: discrepancies between actual and estimated results from exploration and development and operating risks, dependence on early exploration stage concessions; political and foreign risks; uninsurable risks; competition; regulatory restrictions, including environmental regulatory restrictions and liability; currency fluctuations; defective title to mineral claims or property and dependence on key employees. Persons reviewing this presentation are cautioned not to place undue reliance on forward-looking statements due to inherent uncertainty therein. The Company disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by law.

The scientific and technical information contained in this presentation has been derived from the National Instrument 43-101 ("NI 43-101") Technical Report on the Mocoa Copper-Molybdenum Project, Colombia, dated November 1, 2021, prepared by Michel Rowland Brepsant, FAusIMM, Robert Sim, P.Geo, and Bruce Davis, FAusIMM. and the NI 43-101 Technical Report on the Big Red Project, British Columbia, Canada, dated June 27, 2021 prepared by Christopher Hughes, P.Geo. The report is available on [www.sedar.com](http://www.sedar.com). The scientific and technical information contained in this presentation has been reviewed by Edwin Naranjo, P. Geo., who is a "Qualified Person" as defined under National Instrument 43-101 who is also a consultant to the company.

# WHO WE ARE



## COLOMBIA

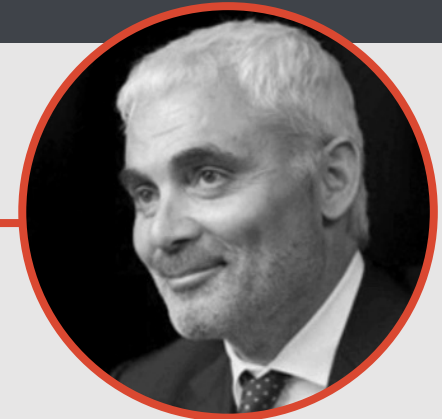


## COPPER



**2.1 MILLION  
TONNES**  
OF CONTAINED COPPER  
(4.6 billion pounds)

## FIORE



## FRANK GIUSTRA

Principal Shareholder  
CEO Fiore Group

### 2000's

- Endeavour Financial
- Endeavour Mining
- Wheaton River Minerals (which later became Goldcorp)
- Wheaton Precious Metals

### 2020's

- Aris Mining
- West Red Lake
- Treasury Metals
- Libero Copper

# EXPERIENCE



## COBRE PANAMA

85Mt/year  
660Mlb/year Copper  
(1.5% of World Supply)  
Avg. Grade 0.37% Copper



### Ernest Mast Director

Advanced to construction first large-scale mine in Panama – Cobre Panama, INMET (\$6 B construction)



### Ian Harris President & CEO, Director

Advanced to construction first large-scale mine in Ecuador – Mirador, Corriente (sold for \$690 M)

## MIRADOR

Expanding to:  
65Mt/year  
550Mlb/year Copper (estimate)  
Avg. Grade 0.52% Copper

Segovia ●

**Aris Mining**

● Marmato



**Frank Giustra**  
Principal Shareholder  
CEO Fiore Group  
Founder of Aris Mining

COLOMBIA

**MOCOA** **LIBERO COPPER**

ECUADOR

VENEZUELA

BRAZIL



**RESOURCE**

**MOCOA**



# PROJECT: MOCOYA



## Location

Putumayo, Colombia  
(1,300-1,600masl)

## Deposit

Porphyry  
copper – molybdenum

## Key info

Inferred Resource  
of 636M<sup>1,3</sup> at 0.45% CuEq<sup>2</sup>  
(0.33% Cu and 0.038% Mo)  
containing 2.1 Mt Cu  
and 232 kt Mo

# 4.6 BILLION POUNDS OF CONTAINED COPPER (2.1 million tonnes)

<sup>1</sup>Technical Report on the Mocoa Copper-Molybdenum Project, Colombia, dated January 17th 2022,

prepared by Michel Rowland Brepsant, FAusIMM, Robert Sim, P.Geo, and Bruce Davis, FAusIMM.

<sup>2</sup>Libero Copper defines copper equivalent calculation for reporting purposes only.

Copper-equivalence calculated as:

$CuEq(\%) = Cu(\%) + 3.33 \times Mo(\%)$ , utilizing metal prices of Cu - US\$3.00/lb, Mo - US\$10.00/lb. Metal recoveries utilized for the resource model are 90% for Cu and 75% for Mo

<sup>3</sup>A Regional Forest Reserve intersects, and is located on, the western part of the deposit. A resource-limiting pit shell is restricted by the Regional Forest Reserve to 325M tonnes at 0.46% CuEq, 0.34% Cu and 0.036% Mo (at a 0.25% CuEq cut-off grade). Libero must follow the procedures set out in Resolution No. 110 dated January 28, 2022 from the Ministry of Environment and Sustainable Development of Colombia, as may be amended, suspended or replaced from time to time, in order to proceed with any mineral exploration in the Regional Forest Reserve. While Libero believes that it can likely satisfy the procedures set out in Resolution No. 110, there is no guarantee that it will do so, and the procedures may be subject to change.

# PROLIFIC JURISDICTION

**COBRE PANAMA**

**JURASSIC  
COPPER BELT**

**COLOMBIA**

VENEZUELA

**PANANTZA - SAN CARLOS**

**ECUADOR**

**MOCOA** **LIBERO**  
COPPER

636Mt (Inf) @ 0.45% CuEq  
2.9Mt of Contained CuEq  
Using \$3.00/lb Cu / \$10/lb Mo

616Mt (Inf) @ 0.74% CuEq  
5.0Mt Contained CuEq

**MIRADOR**

Expanding to:  
65Mt/year  
550Mlb/year Copper (estimate)  
Avg. Grade 0.52% Copper

**WARINTZA** **SOLARIS**  
RESOURCES

902Mt (M&I) @ 0.53% CuEq  
1426Mt (Inf) @ 0.37% CuEq  
10.1Mt Contained CuEq  
Using \$4.0/lb Cu / \$20/lb Mo - \$1850/oz Au

BRAZIL



# EXPANSION & TARGETS

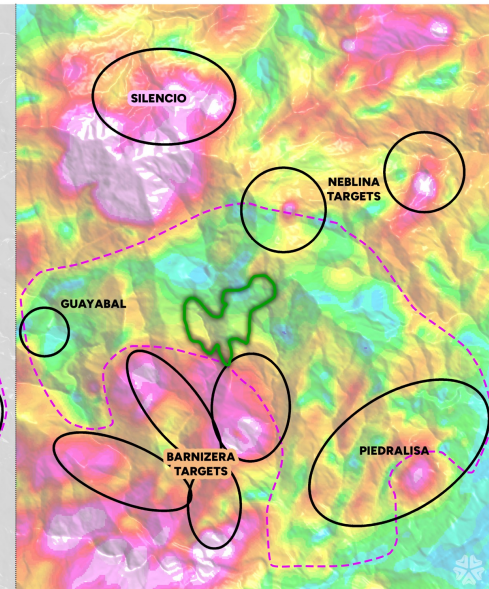
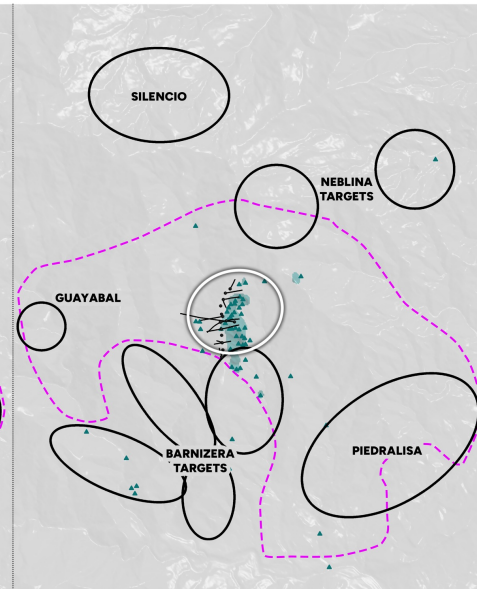
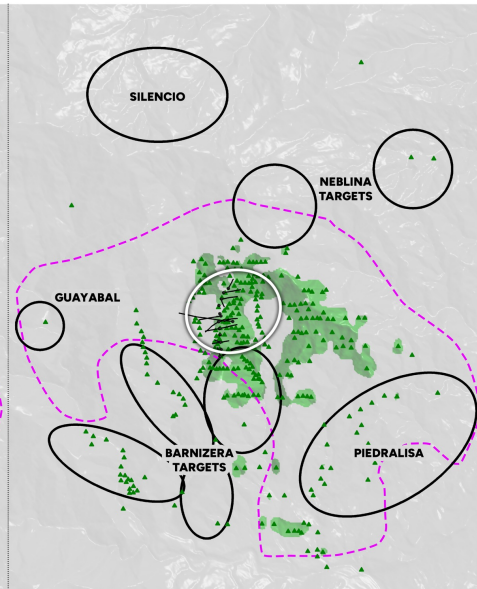
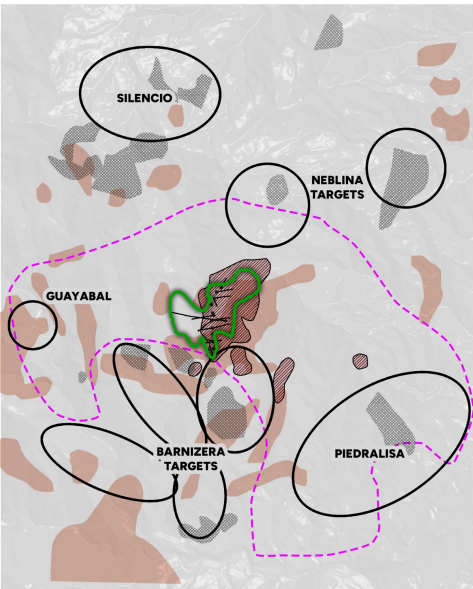


## EXPANSION & TARGETS

## COPPER

## MOLYBDENUM

## ORE BODY

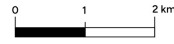


- Porphyry Target Area
- K-alteration
- ⬭ Demagnetized Zone
- ⊞ Leached Cap (mapped)
- ▨ Jurassic Intrusion (interp.)
- ⬭ 0.25% Cu Shell
- Libero 2022 Drill Hole

- Porphyry Target Area
- Mocoa Resource Area
- ⬭ Demagnetized Zone
- Libero 2022 Drill Hole
- > 100 ppm Cu
- ▲ > 100 ppm Cu

- Porphyry Target Area
- Mocoa Resource Area
- ⬭ Demagnetized Zone
- Libero 2022 Drill Hole
- > 50 ppm Mo
- ▲ > 50 ppm Mo

- Porphyry Target Area
  - ⬭ Demagnetized Zone
  - ⬭ 0.25% Cu Shell
- 0.01 0.03 0.05 0.07 0.09 0.11 0.13 0.15 0.18 0.21 0.26 0.33 0.46 0.64





# RESULTS



**A - MD043 @204m.**

Hydrothermal breccia of propylitic altered clasts being overprinted by QSP alteration with moly infilling.



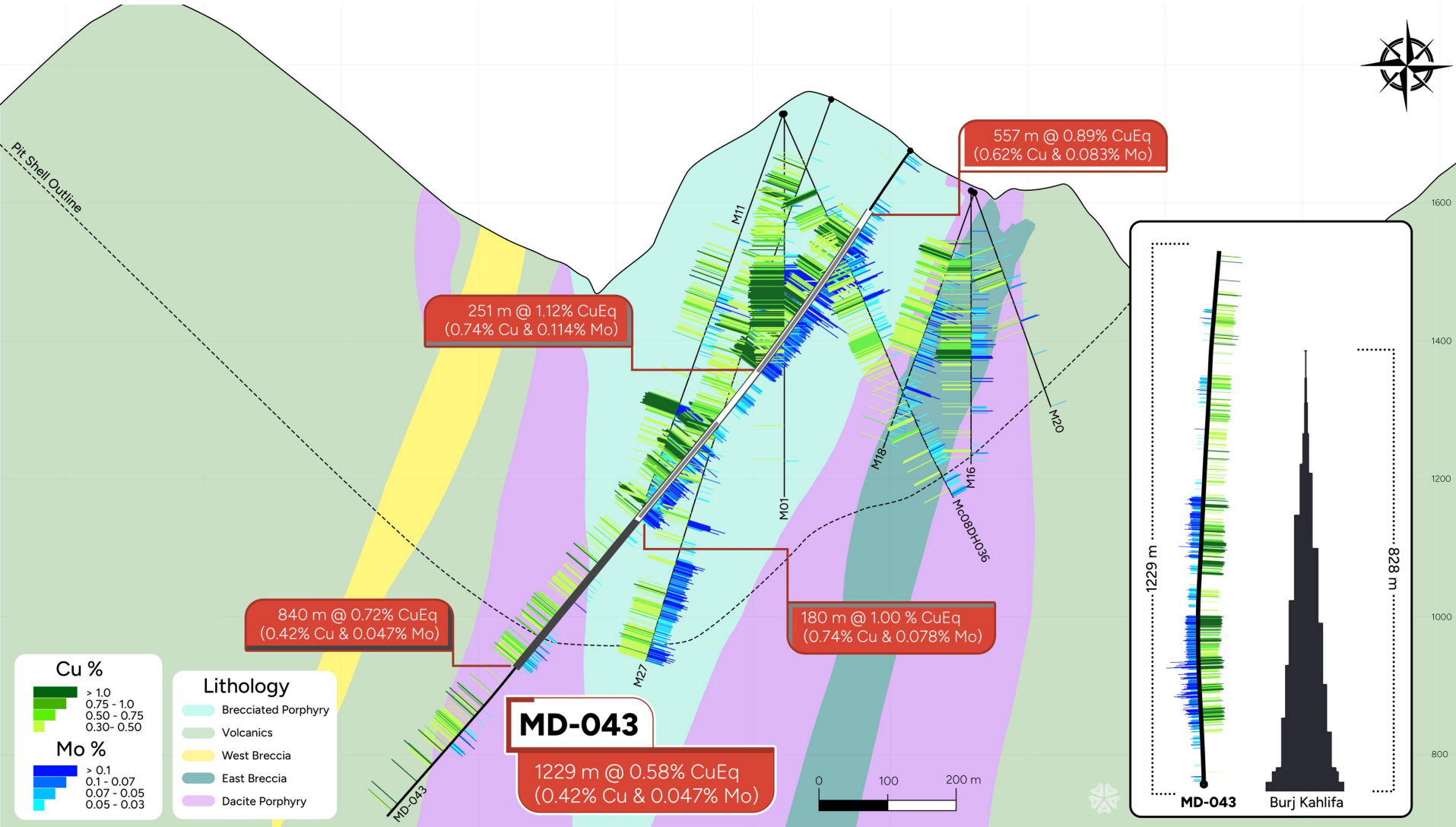
**B - MD043 @227m.**

Dacite porphyry breccia with intense potassic alteration (pink) mostly as halos around type A veinlets, quartz with chalcopyrite, molybdenite veinlets and disseminated chalcocite.

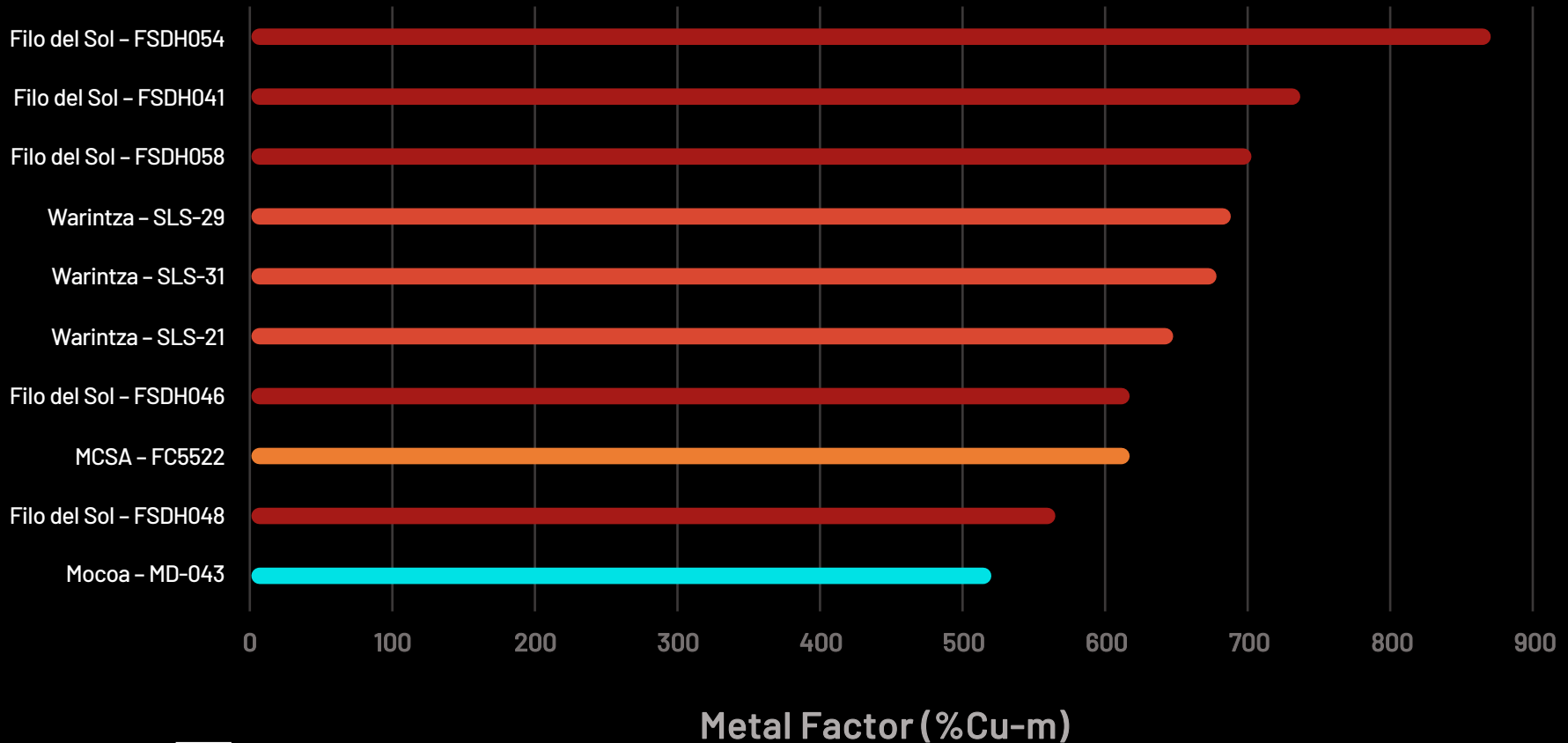
MD - 043	From m	To m	Interval m	Cu %	Mo %	CuEq
	7.0	1235.5	1228.5	0.42	0.047	0.058
incl.	108.1	948.4	840.3	0.52	0.062	0.12
and incl.	139.6	390.4	250.8	0.74	0.114	1.12
And, and incl.	265.3	295.9	30.6	1.30	0.184	1.92
And, and incl.	361.9	390.4	28.5	1.30	0.093	1.61
incl.	484.9	664.9	180.0	0.74	0.078	1.00

Libero Copper defines copper equivalent calculation for reporting purposes only. Copper-equivalence calculated as:  
 $CuEq (\%) = Cu (\%) + 3.33 \times Mo (\%)$ , utilizing metal prices of Cu - US\$3.00/lb, Mo - US\$10.00/lb. Metal recoveries utilized for the resource model are 90% for Cu and 75% for Mo

# RESULTS

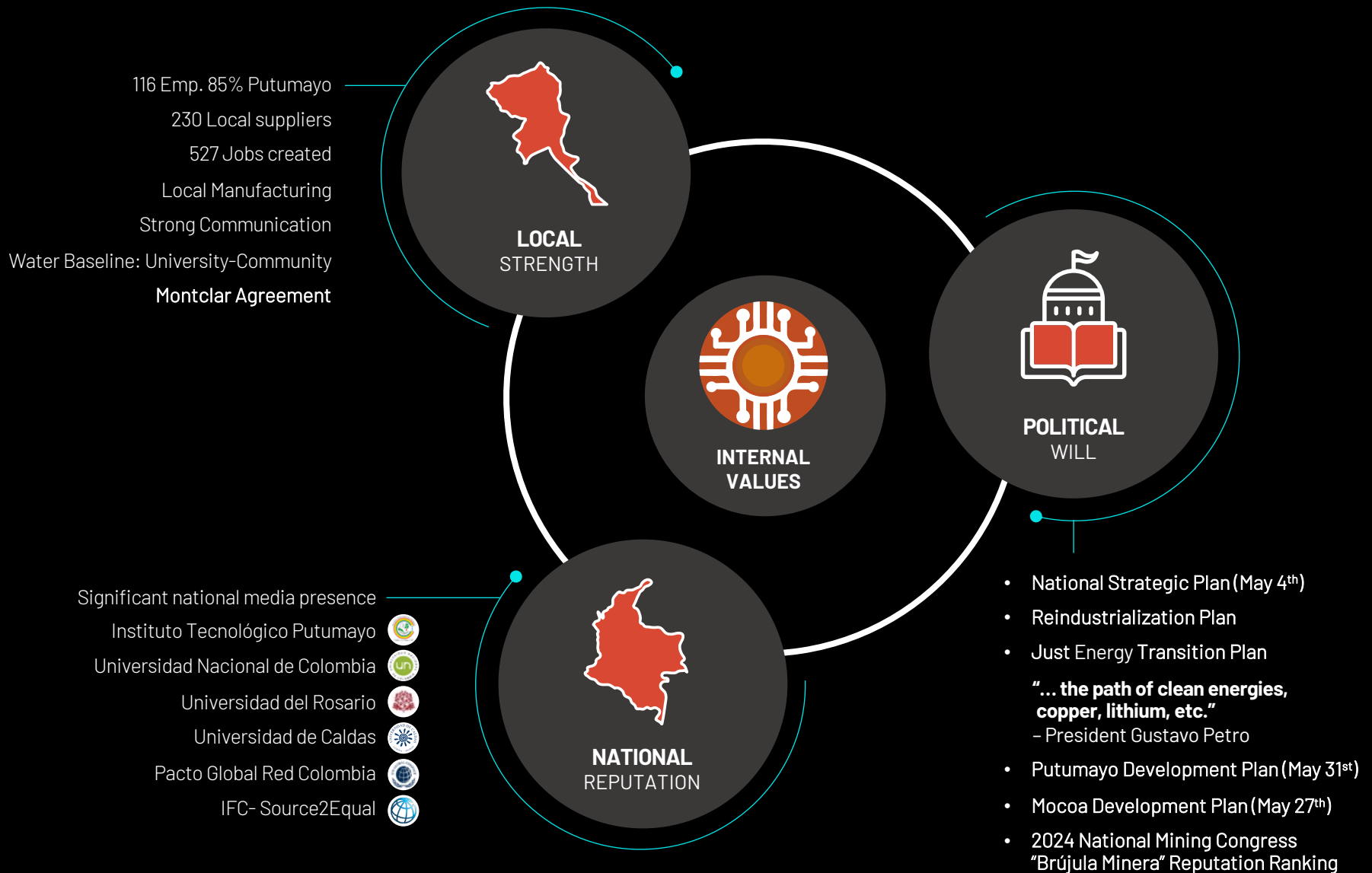


## MD-043 Was a Top 10 Copper Hit in 12 Month Previous\*



\* February 2022

# STRATEGY



# LOCAL STRENGTH NATIONAL REPUTATION



## Cuaran Vélez

Supplies safety boots to Libero Copper, marking the first time these essential items are manufactured locally in Putumayo



## Diverso Mocoa

Provides Libero's uniforms, grew from 3 to 15 Jobs, Empowering Women Heads of Household and Enhancing Local Capacity



## Montclar Copper Cooperation Agreement

On November 21, 2022, "Cooperation Framework Agreement" with the Montclar, the community nearest to the Mocoa Project. Approved with support by 95% of Montclar families.



## Water Sampling Training Program

Libero Copper partnered with SENA to train local community members in water sampling, enabling them to participate in environmental baseline studies and monitor water quality.



## IFC's Source2Equal

One of 15 Companies Selected in Colombia, Fostering Equality in Supply Chains and Empowering Local Communities

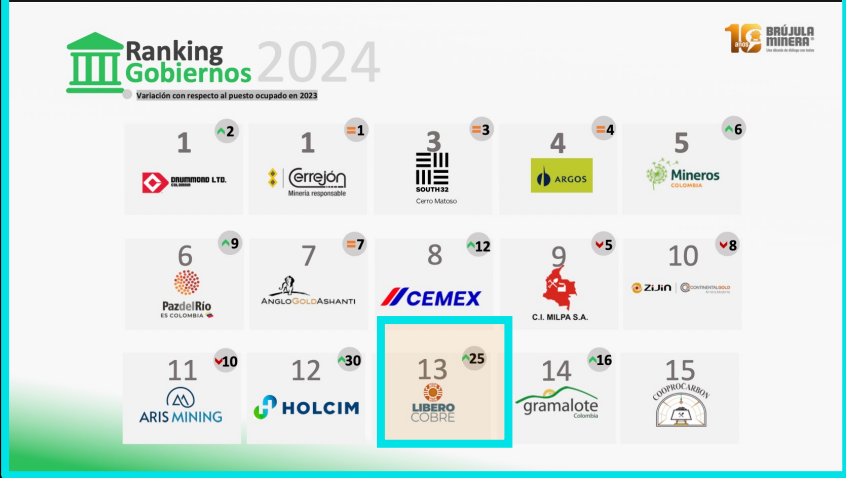


## Colombia's Most Influential Women

July 2024, Thyana Alvarez, Libero VP & Country Manager was selected by Semana magazine as one of the most influential women in Colombia

# NATIONAL REPUTATION

## 10<sup>th</sup> Annual Brújula Minera (“Mining Compass”) at the National Mining Conference – Ranking of Mining Company Reputation



**Reputation with Government Authorities:** Ranked 13th, the second-highest exploration company after AngloGold Ashanti.



**Reputation in Mining Municipalities:** Ranked 12th, the highest-ranked exploration company in Colombia.

# POLITICAL WILL



**National Mining Congress 2024**  
**August 29-30**

**The** Colombian mining sector has been and will continue to be a fundamental pillar of the national economy... The mining sector not only plays a key role in the current situation, but also plays a crucial role in the energy transition. The extraction of minerals such as copper, lithium, nickel and coal are necessary for this transition."

**Efraín Cepeda**

President of Congress - Colombia

# SHARE STRUCTURE

## CAPITAL STRUCTURE

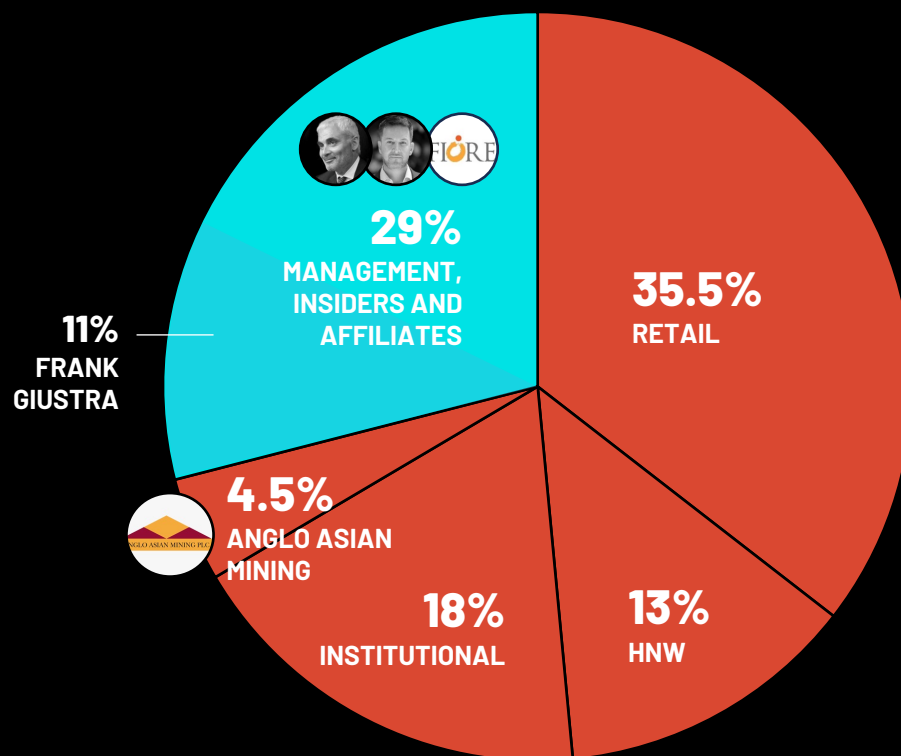
As of July 1, 2024

Shares Issued & Outstanding:	<b>48.5 M</b>
Warrants:	<b>35.7 M</b>
Options:	<b>4.7 M</b>
Fully Diluted:	<b>88.9 M</b>
Market Cap:	<b>C\$14 M</b>
Cash:	<b>~3.5 M</b>

## TRADING SUMMARY



## KEY SHAREHOLDERS





# TEAM

## MANAGEMENT



### **Ian Harris**

Mining engineer with 25 years of experience, 15 in South America.



### **Thyana Álvarez**

Social leader with more than 20 years working with and for communities in exploration and mining projects. Part of multiple successful permitting processes in Colombia.



### **Edwin Naranjo**

Professional geologist with over 14 years of experience in mineral exploration. One of the few qualified QP's in Colombia.

## DIRECTORS



### **Ernest Mast**

MSc. Metallurgical engineer with 30 years experience.



### **Jay Sujir**

Senior partner with Farris, Vaughan, Wills & Murphy LLP. Member of the British Columbia Advisory Committee of the TSX Venture Exchange.



### **Robert Van Egmond**

Professional geologist with over 25 years' experience.

AI Wreaks Havoc on  
Global Power Systems  
- Bloomberg

Inside a copper  
output plunge at No. 1  
global producer  
Codelco  
- Reuters

New York Copper  
Market Tightens  
Again, Piling  
Pressure on Shorts  
- Bloomberg

Why the World  
Has Gone Cuckoo  
for Copper?  
- Wall Street Journal

**Copper is the  
missing ingredient  
of the energy  
transition**  
- Economist

Five reasons  
why we are  
entering the  
next copper  
super cycle  
Mining.com

**“Copper in ‘the  
foothills of what  
will be its Everest”  
- Goldman Sachs**

**The mad scramble for copper**  
- Richard Mills

**High copper prices the new  
normal, likely to impact  
electric cars, expert warns**  
- Investing.com

**Why Copper Demand  
Is Skyrocketing?**  
- CNBC

‘Copper is the new oil,’ and  
prices could soar 50% as AI,  
green energy, and military  
spending boost demand  
- Fortune

# OPPORTUNITY



## COPPER PRICE



## COPPER M&A

	# DEALS	RESOURCES & RESERVES			
		Blbs	\$/lb		
2021	12	43.6	0.16		
2022	17	118.6	0.12	▼ -25%	\$ 0.06 Non-Producer \$ 0.03 Juniors
2023	14	93.8	0.05	▼ -58%	

[www.spglobal.com/marketintelligence/](http://www.spglobal.com/marketintelligence/)

# STRONG CASH POSITION



As part of the Fiore Group, we have unparalleled access to capital and strategic support. Underpinned by an amazing asset and backed by a team of experienced mine builders and company creators, we are poised to pursue ambitious opportunities.

**Ian Harris**  
President & CEO  
Liberio Copper



March 11, 2024

“Liberio Copper Secures  
**\$2.9 M**  
Financing”

February 15, 2024

“Liberio Copper Closes  
**\$3.0 M**  
Financing”

# LIBERO COPPER'S UNIQUE POSITION

## EXPERIENCE

Mirador  
Cobre Panamá  
Aris Mining

+

## MAJOR COPPER RESOURCE

Mocoa  
4.6 billion

+

## ACCESS TO CAPITAL

Fiore



THE NEXT  
**MAJOR  
PLAYER**  
IN COPPER



COPPER  
OUTLOOK

CURRENT COPPER  
RESOURCE VALUATIONS



## **ADDITIONAL INFORMATION**

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