



RIDGE
SOLUTIONS

COMPANY PROFILE

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CHAIRMAN'S WORD

I will always share with you the vision and culture of trust, the art of creating and thinking of Ridge Solutions Group because... When we set a goal and we intend to achieve it, we cannot separate them from our Mission, Vision and Values.



To develop a business requires thorough knowledge of all aspects of the target areas, with a different mindset that is focused on giving a comprehensive 360-degree view based on the best of both worlds.





Jose Ferreira Ramos

Chairman
Ridge Solutions Group



PROFILE SUMMARY

Mr. Jose Ferreira Ramos is the Chairman and Executive President of Ridge Solutions Group with assets valued at \$6 billion dollars in Angola, Dubai, Abu Dhabi, Hong Kong, Shanghai, Luxembourg and Lisbon which is into financial services, real estate, agriculture, aquaculture and infrastructure projects. Mr. Ramos is also the Chairman of JFR Investments, a parent company that runs and operates a number of investment companies across the globe namely, Ridge Energy Holding, Ridge DWC, Ridge Solutions Group, Ridge Solutions Capital, Ridge Solutions International Holdings and a number of other entities.

INDUSTRIES INVOLVED

- ▶ Aviation
- ▶ Mining
- ▶ Construction & Civil Works
- ▶ Real Estate
- ▶ International Trading
- ▶ Broker Commodities
- ▶ Oil, LNG & Mining Industry
- ▶ Farming
- ▶ Aquaculture
- ▶ Islamic Finance
- ▶ Investment Banking & Asset Management
- ▶ Structured Finance & Project finance

DIVERSE SET OF PORTFOLIOS

- ▶ Investment Banking
- ▶ Asset Management
- ▶ Property Development
- ▶ Industrial Projects
- ▶ Aquaculture Projects
- ▶ Agriculture
- ▶ Sports & Formula One Racing
- ▶ Socially Responsible Projects

MEMBER OF INTERNATIONAL GROUPS & GOVERNMENTS

- ▶ European Business Member Association by Socrates Foundation
- ▶ Board Member of Black Sea and Caspian Sea International Fund
- ▶ Board Member of Finance and Banking Association of Euro Asian Economic Countries
- ▶ Logistic & Transportation Adviser of the Presidency of DRC and Congo Republic on behalf of Angolan Presidency
- ▶ Economic Adviser of President of Sao Tome (Minister)
- ▶ Adviser and Supporter of United Kingdoms of Africa
- ▶ Ambassador of Arab Business Club for Angola and Sao Tome
- ▶ Officially Invited as Key Speaker for OBOR Panels in Xinjiang/China
- ▶ 1st African Sponsor of Formula One
- ▶ Co-Founder of William Foundation/Philanthropist of Africa Awarded 2015 by Mkiva Foundation

CHAIRMAN'S PROFILE



DIVERSE SET OF PORTFOLIOS

- ▶ Investment Banking
- ▶ Asset Management
- ▶ Property Development
- ▶ Industrial Projects
- ▶ Aquaculture Projects
- ▶ Agriculture
- ▶ Sports & Formula One Racing
- ▶ Socially Responsible Projects

RIDGE SOLUTIONS GROUP INVOLVEMENT

ANGOLAN MARKET

- ▶ Jardins do Eden
- ▶ Ridge Solutions
- ▶ Marimba
- ▶ Platinum
- ▶ Ceramica Ridge
- ▶ Geon Imob.
- ▶ RS Capital
- ▶ Ridge Solutions
- ▶ Kapari
- ▶ WRW TV Factory

INTERNATIONAL MARKETS

- ▶ RS International Holdings (Dubai)
- ▶ Emirates Ridge Solutions Contracting (Abu Dhabi)
- ▶ RS Capital Middle East (Abu Dhabi)
- ▶ RS Capital Asia (Hong Kong)
- ▶ RS Capital (Cayman Islands)
- ▶ Ridge Capital Holdings (Egypt)
- ▶ Ridge Asset Management (Egypt)
- ▶ Ridge Chadeco Upstream Downstream (Ghana)
- ▶ Ridge Capital Funds/MishkatFoF (Bahrain)
- ▶ Ridge Solutions (Shanghai) Co., Ltd.

ACADEMIC DETAILS

EDUCATION

- ▶ School of Aviation Business Management
- ▶ Education in Economics & Islamic Finances

HIGHLIGHTS

- ▶ Government Advisor
- ▶ Economic Advisor
- ▶ Entrepreneur
- ▶ Philanthropis
- ▶ Investor
- ▶ Motivational Speaker
- ▶ Private Equity



BIOGRAPHY & ACTIVITIES

- ▶ Mr. Jose is engaged in Financial Sector with Ridge Capital Holding in position as an entity that holds his own investment bank and asset management companies in Cairo/Alexandria, Bahrain, Dubai (UAE) and Luanda Angola. At the moment, Jose is in the process of acquiring commercial banks and insurance companies in Albania, Macedonia, and Kosovo.
- ▶ Since acquiring majority of the ownership of Ridge Solutions in 2004, Jose has been the architect of the strategic business plan and management of the company's overall business portfolio. In particular, Jose has utilized his vast experience in Angola's housing sector to position Ridge Solutions as a major property developer, and has consolidated this market leading position to now re-position the Group as a more diversified group of businesses operating throughout Angola. In Real Estate, the Eden Gardens in Luanda Sul project initiated in 2005 is one of the most emblematic. Positioned to the upper class, intervention area 300 Ha; housing development exceeds 1 million sq. meter, and commercial/services area 666,562m² is currently developing the second phase of the project, with the construction of multi-storey buildings for commercial and residential use, and a large shopping center (Kalandula Shopping) & social facilities. In 2006, the 19-floor project Platinum Tower initiated its construction in the heart of Luanda. The building has been completed and handed over in early of 2011. One of the high luxury furnishing apartment building, Edificio Platinum is creating more than \$13 million returns annually for the Group. In 2009, the construction of the New Kitulu began in Luanda with 5,000 houses project directed to the various social classes and deployed in an area of 789 hectares. In Luanda, Ridge Solutions is also completing one 12-storey tower in the center of the city (Marimba Palace), a complex of villas (Zambo Condos) and building a five-star hotel (Kilamba) to add to what will be built in Malanje (Villas deMalanje) and tourist resort on the beach in CaboLedo (Ledo Cliffs). Although many of these projects are still undergoing completion, in the past three years, the group has already delivered about 3,000 villas and 3,000 apartments to the Angolan people.
- ▶ 2008 marked the beginning of the Industrial Projects of the group (via RS Industry) with the start of the Botomona Industrial Park in Catete. The area of 225 hectares aims to install a friendly eco-environment industrial park, with heavy, medium and light factories and offer a logistics center, Retail Park, business center, restaurant and hotel facilities.
- ▶ Camarões de Angola, started in November 2010, is the largest Aquaculture Project in Africa. The project will have a production area of 1000 hectares and produce 6000 tons of tiger shrimp, a species much appreciated by the markets of Europe, Asia and North America where the consumption of seafood has been increasing. The project was developed with the technological support of French technicians with extensive experience in the culture of this species in Madagascar (African leader in aquaculture) according to internationally accepted biological methods. Production began with a pilot project with 32 acres and will have a strong social impact in the region of Ambriz including a social housing project. On the second phase, Jose Ramos provides the ability to add value to the product.



BIOGRAPHY & ACTIVITIES

- ▶ Another activity of the Group headed by Jose Ramos is to accelerate Development in Agriculture. In 2009, RS Farming, directed to the development and management of agricultural projects, started the first farm in Huambo, in preparation to start up similar units in Beguile and Bengo. In total, the group's objective in the medium term is to reach 500 thousand hectares. All farms have a strong industrial component. The group used the latest technology to capture images of the area, quantify the plots of arable land, assess the quality of soils and needs in terms of water resources. Strongly Jose Ramos focuses on the use of clean energy and the creation of mini-hydro. Another key component will be the logistics center and distribution and construction of railway sidings for the sale of products to the main points of Southern Africa. Initially, the projects are directed mainly to the domestic market in order to fight food deficit that still exists in the country. In the future, the surplus will be used for export.
- ▶ In order to advertise the Brand of the Group Ridge Solutions, Ridge Solutions became one of the sponsors of the AT&T Williams (a traditional F1 team) since 2009. It was the first African Group to sponsor an F1 team. Through this collaboration Sr. Jose F. Ramos demonstrated a great enthusiasm to his country.
- ▶ Another strong focus of Mr. Jose Ramos is Social Responsibility. The collaboration between RS and AT&T Williams take a strong social aspect to creating a foundation that aims to contribute to the promotion of road safety in Africa. The program has an educational component connected to road safety and is aimed primarily at children and young people. Ridge Solutions supports Shelter Arnold Janssen (Lar de Cranks do Padre Horacio) ensuring food, education and health care to hundreds of children. Since its foundation, Ridge Solutions became the main sponsor of the Paralympics Games athletes representing Angola (Jose Ramos is vice president of the Committee) providing a blueprint for the training center. The group also supported other events related to entertainment such as "Miss Angola 2010", and one of the patrons of the 2nd Triennial of Luanda Culture.
- ▶ Being someone who sees beyond the future, currently, he is the Economic Advisor of the President of the Republic of S. Tome e Principe.
- ▶ Keeping the friendship and strong bond Mr. Ramos maintains Partnerships with the Ruler of Al Ain in UAE, where he also maintains a leadership position in the Businessmen Association.
- ▶ Mr. Jose Ramos is the Board Member of the Black Sea Caspian Sea International Fund. This organization helps facilitate the relations between business partners, and to encourage individual initiatives, in order to enlarge the framework for the economic partnership. It's got a widespread influence in the Economical and Political Deciders and serves as a departure point for many of the most important Business initiatives in the World.



BIOGRAPHY & ACTIVITIES

- ▶ Jose's management and investment experience spans for more than 30 years, it started when he held the position of Deputy Chief of Routes and Navigation Division at TAAG-LinhasAereasAngolanas. Jose started his professional career back in 1981 with TAAG, the Angolan national airline. At TAAG, he served as Divisional Chief of Operations, and also the Operations Assistant to Varig, a Brazilian airline company that partnered with TAAG. In 1986, Jose helped to launch TAAG Charter, serving as Director of Operations and responsible for allocation of physical assets as well as management of operational budgets. In 1992, Jose founded various companies in Angola, from a transportation and cargo airline operating in Angola and the region (TAE), a mineral exploration company (R&RR - Explora96esMineiras), a homebuilding construction company (Group Five Angola), and a construction, consulting and engineering services company involved in homebuilding and infrastructure projects undertaken in Luanda and other Angolan provinces (TILCA). Jose has also represented numerous international companies active in civil works, construction and HVAC systems, assisting those companies to attain business in Angola.
- ▶ Mr. Jose Ramos is a fellow member of the Europe Business Assembly-The Europe Business Assembly (EBA) is an independent corporation of economic, social and humanitarian collaboration, founded in Oxford, UK in 2000. EBA is an interactive platform for adapting European economic programs to the standards of living in dynamically developing regions. It follows the directives of the European Union and EU programmes "Goodneighborliness" and "Eastern partnership".
- ▶ Mr. Jose Ramos is the one of the Vice President of Para Olympic - The Angolan Paralympic Committee (CPA) is the global governing body of the Paralympic Movement. Its purpose is to organize the summer and winter Paralympic Games and act as the International Federation for nine sports, supervising and coordinating World Championships and other competitions. It employs more than 70 people from 20 countries and is composed of a General Assembly (highest decision making body), a Governing Board (executive body), a Management Team and various Standing Committees and Councils.
- ▶ Mr. Jose Ferreira Ramos was invited to give a lecture on behalf of Angola, on the 4th Global Forum Peter Drucker, held in Vienna (Austria) in November 2012. The event, which was a tribute to the Austrian thinker Peter Drucker, considered the "father" of management, brought together a large panel of academics and business leaders. Mr. Ramos discussed the theme of "entrepreneurship in developing countries." In the event.



BIOGRAPHY & ACTIVITIES

- ▶ During 2013-2014, Ridge Solutions Group was invited by the Ministry of Transportation of Russian Federal Government, Mr. Jose Ferreira Ramos was consulting for the Mega-project financing of the International Transport Corridor "Europe - Western China", the Russian part is starting from Saint Petersburg to the border of Kazakhstan, the proposal keenly pointed out by the revival of the silk road connecting Russia and China trade gateway, meanwhile propel the development of Natural Resources, Agriculture, Commercial properties, Hi-tech industry, and employment along the Corridor.
- ▶ Due to better response to Chinese President Mr. Xi Jinping's "One Belt and One Road" initiative, Mr. Jose Ferreira Ramos is proactively to perform his commercial deployment in China, Mr. Ramos established Ridge Solutions (Shanghai) Co., Ltd in the first Free Trade Zone of China in 2014. In September 2015, Mr. Jose Ferreira Ramos led delegation of Ridge Solutions Group attend the China-Arab States Expo in NingXia, China. He was invited to have a speech on the Meeting of China-Arab States Financial Cooperation; in his speech Mr. Ramos shared his distinctive view with Government officers, Arabian entrepreneurs.

AWARDS & ACHIEVEMENTS

Mr. Jose Ramos received the African Philanthropist of the year 2015 Award constituted by Mkiva Humanitarian Foundation held at Butterworth, South Africa on 14th November 2015 for his philanthropic services. This foundation celebrates the efforts and success of African and International leaders who have made an impact on local or international communities. The awards were established in 1999 by the Mkiva Humanitarian Foundation, predominantly through the Chairperson of the Imbongi Yesizwe Trust, His Royal Heritage, Zolani Mkiva



RECENT NEWS & UPDATES

Ridge Solutions Group has done the acquisition of MAS ClearSight S.A a Swiss Asset Management company with the intention to acquire a Swiss Private Bank.

Recently acquired the services of Dr. Mubashir Sheikh a veteran Investment Banker with 25 years of experience across four conti-nents to become the CEO of financial services Division of Ridge Solutions Group to lead this initiative.

Targeting an IPO of Ridge Solutions Group is foreseen in 2020 with listing on Swiss and UAE Stock Exchanges.

I will share with you the vision and culture of trust, the art of creating and thinking of Ridge Solutions Group because...



- ▶ When we set a goal and we intend to achieve it, we cannot separate them from our Mission, Vision and Values;
- ▶ The true entrepreneur is the one who goes to the action of thought and makes things happen;
- ▶ Ships are safe anchored in the ports, but they weren't created for that;
- ▶ Whenever we meet up with a successful business, we believe that there was one day a brave decision;
- ▶ There is no wrong moment to do the right thing;
- ▶ A victory cannot be achieved without a clear definition of the target and a clear platform for a careful culture of open communication and clear strategy;
- ▶ The best moments in life should be created or recreated. It's pointless to sit and wait for them;
- ▶ The results come from the opportunities created and not the opposite;
- ▶ The paths for victory are more agreeable than the defeat, but not less difficult;
- ▶ Leaders must understand that they need to manage people, seek their partnerships, build teams, get a sense of timing and a sense of urgency;



Because:

- ▶ The more we believe in our goals, the faster we will achieve them;
- ▶ Our responses to customer needs are generated by our ability to generate unique solutions, innovative, attractive and beyond any expectations;
- ▶ Trust is an essential element for success. When trust goes up, the speed of implementation and the results increase and costs decrease. And, at the opposite, the speed of the actions declines and costs increase;

- ▶ We are a continuing challenge to the best practices and at the same time we are ... this certain!
- ▶ To create the possible we should attempt the impossible;

Regards,

José Ferreira Ramos
Chairman & Executive President
Ridge Solutions Group



Meeting with President of Equatorial Guinea



Sponsorship Agreement signed with Williams F1



Meeting with Former Angola's Minister of Economy



Meeting with Former President of the Republic of São Tomé & Príncipe



Meeting with former Prime Minister of Cameroon



Meeting with Telecommunications Minister of Cameroon



Meeting with Vice-President of Ghana

His Majesty Tchiffy Zie Permanent Secretary General of the Council of the Forum of Kings, Sultans, Princes, Africans at UNITED KINGDOM OF AFRICA





Inauguration of the Group's Islamic Bank of Investment and Asset Management Ridge Capital Holding in Egypt



Management Team of the Islamic Bank of Investment and Asset Management Ridge Capital Holding in Egypt



Member of International Foundation for Sustainable
Peace and Development

GALLERY



Princess of the Kingdom of Eswatini (Swaziland) and General Secretary of the International Foundation for Sustainable Peace and Development in South Africa.



Award received from the International Foundation for Sustainable Peace and Development in South Africa.



Meeting with the Governor of the State of Pará in Brazil
and Mining Institute of Brazil



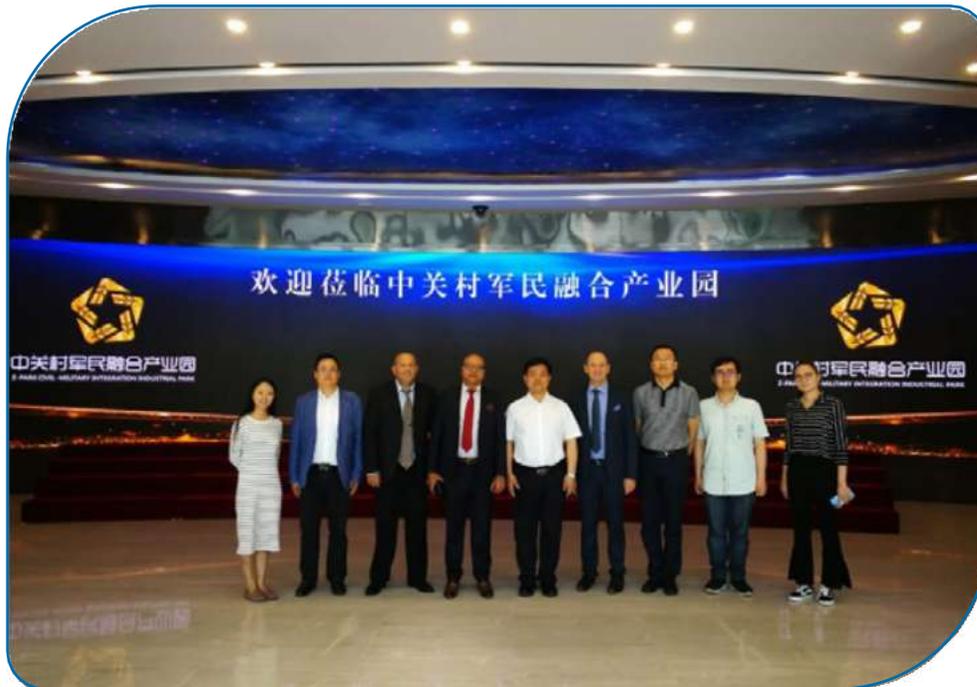
Meeting with the Governor of the State of Pará in Brazil
and Mining Institute of Brazil



Meeting with the Governor of the State of Amapá in Brazil



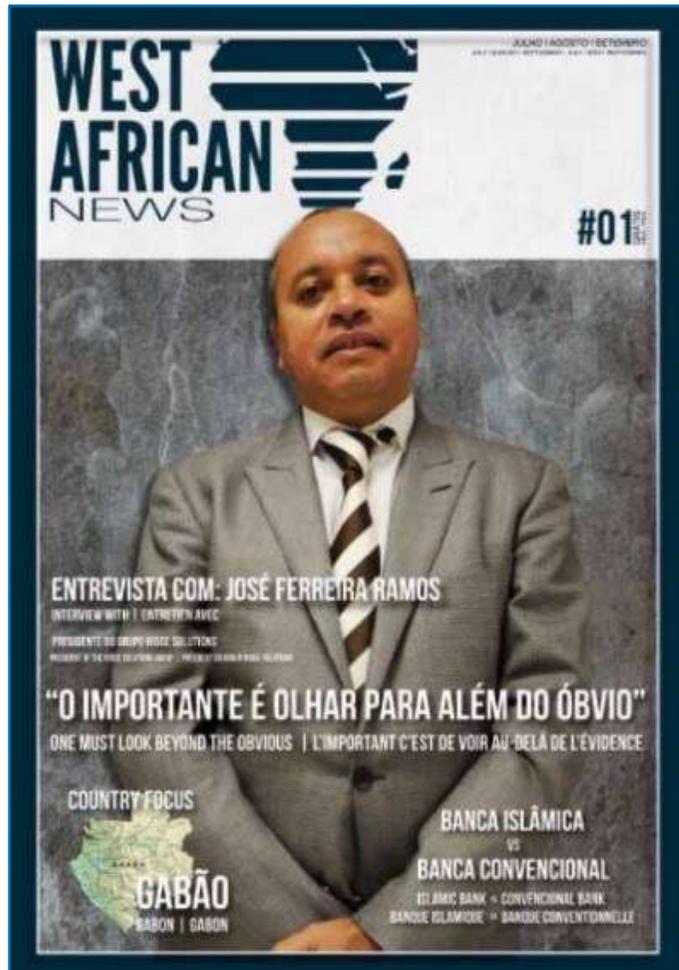
Meeting with the President of Loreto's Province Regional Government in Peru



Meeting with former Prime Minister of Cameroon



Member of Financial & Business Association
of Euro-Asian Cooperation



Interview in West African News



Visit to the Group's Ceramic Factory (one of the biggest in Africa) in our Industrial Park



RIDGE
SOLUTIONS

WHY INVEST WITH US?

WHY INVEST WITH US?



INVESTOR & JF RAMOS - STRATEGIC ALLIANCE



WHY INVEST WITH US?



INVESTOR & JF RAMOS - STRATEGIC ALLIANCE



INVESTOR & JF RAMOS - STRATEGIC ALLIANCE

Mining Assets Development and Structuration

PHASE I

Prospecting and Due-Diligence

- ▶ Identification of opportunities - scope, configuration and structuring of investments: acquisition cost, preliminary modeling of the technological route, realities and geological circumstances, logistics structuring of inbound and outbound; profile of the main assets to be acquired; strategic adherence with JF Ramos Investments' business;
- ▶ Driver verification, value differentials of opportunities and competitive position of assets - benchmarking;
- ▶ Evaluation of the strategic context of investment: market parameters, political, social and economic aspects;
- ▶ Studies of trade-offs;
- ▶ Identification of associated risks - systemic perspective;

PHASE II

Acquisition and Investment

- ▶ Instruction and monitoring for negotiation and purchase;
- ▶ Work Plan: key elements for the Investment Plan strategy and investment risk control action plan;
- ▶ Strategy and approach of implementation and implementation of the investment;
- ▶ Investment Plan: licensing and authorizations of regulatory agencies, construction methodology, logistics, macro schedule of project implementation, acquisitions, supplies, construction, commissioning, pre-operation, ramp-up;
- ▶ Identification and organization of resources, including histograms of direct and indirect labor for construction, main equipment, utilities, etc.;
- ▶ Definition of goals and indicators;
- ▶ Definition of practices and socio-environmental actions;

PHASE III

Management Monitoring

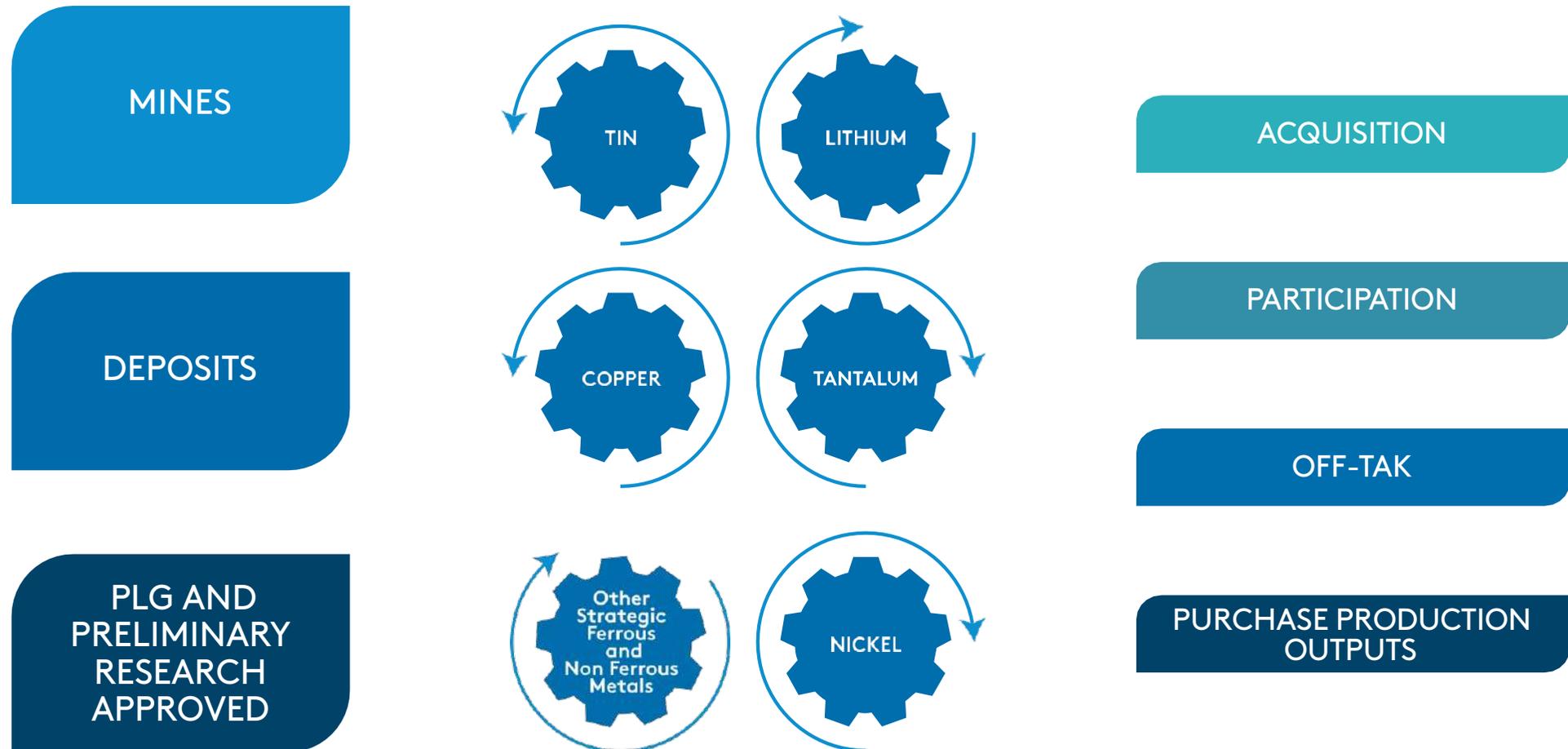
- ▶ Management and Operations monitoring
- ▶ Production and Marketing

WHY INVEST WITH US?



INVESTOR & JF RAMOS - STRATEGIC ALLIANCE

Mining Strategic Orientation

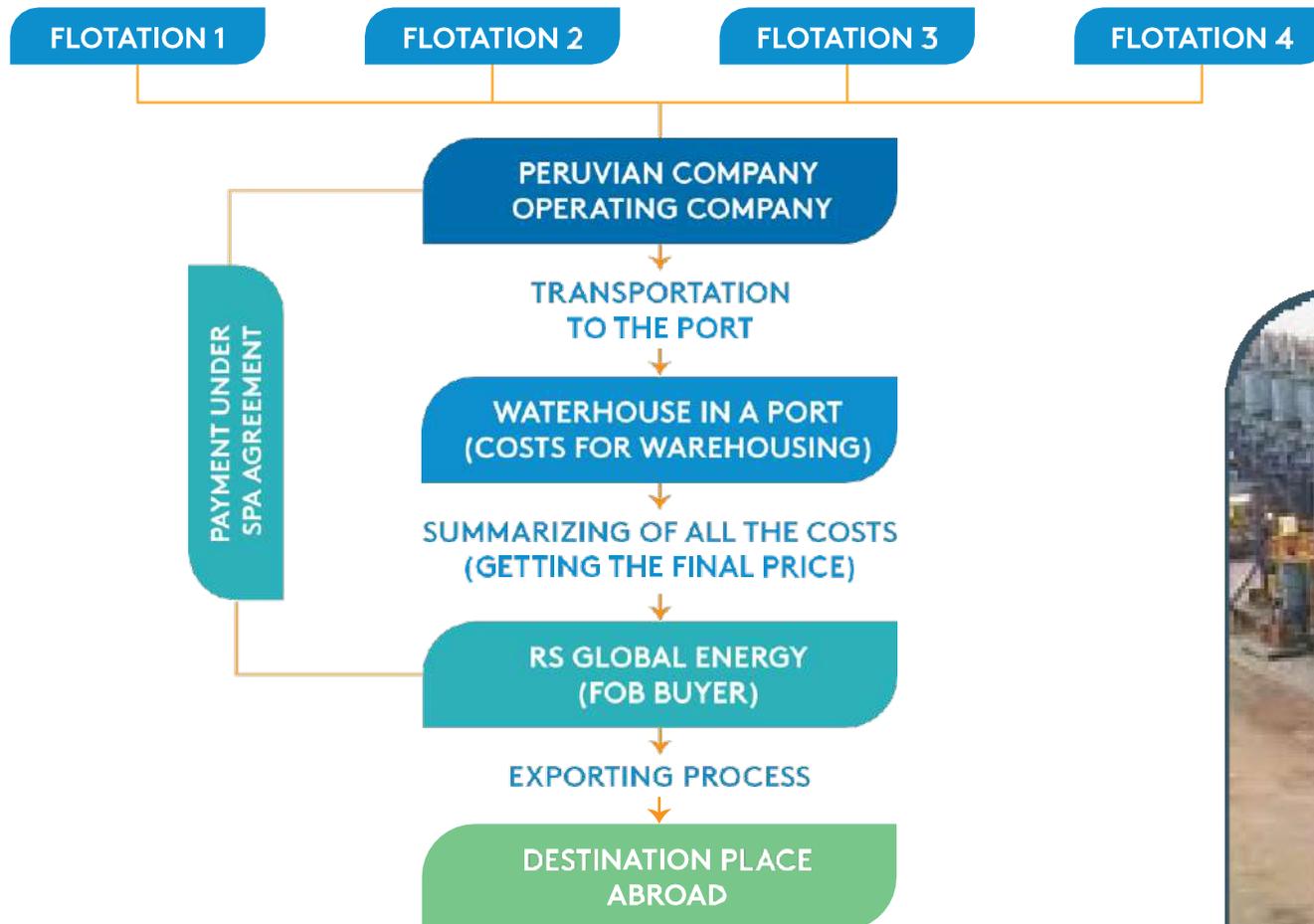


WHY INVEST WITH US?



LATIN AMERICAN DELIVERY PROCESS

Model 01

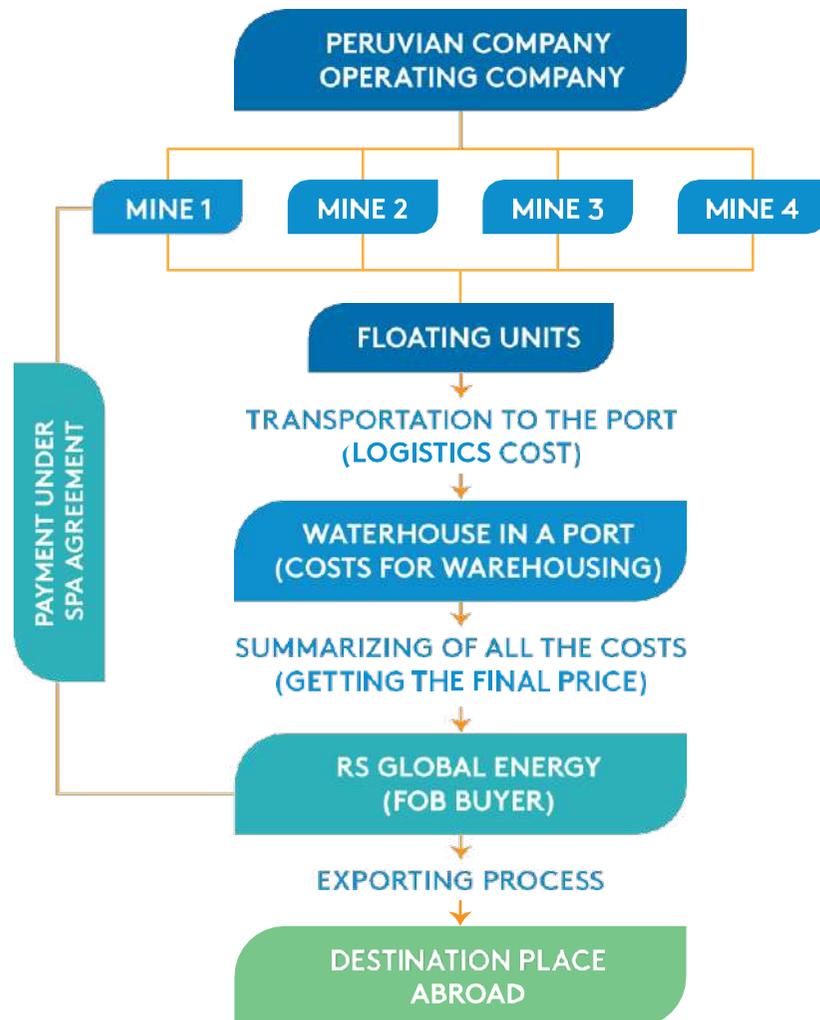


WHY INVEST WITH US?



LATIN AMERICAN DELIVERY PROCESS

Model 02





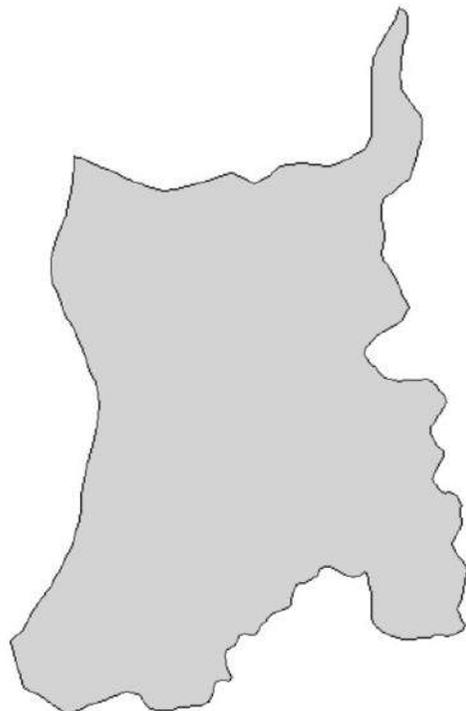
RIDGE
SOLUTIONS

PROJECTS DEVELOPED BY THE GROUP

MURIEGE DIAMOND PROJECT

Diamond Exploration concession conceded to Ridge Solutions Group in Muriege, Lunda Sul province.

Muriege is a commune of Muconda , Angola



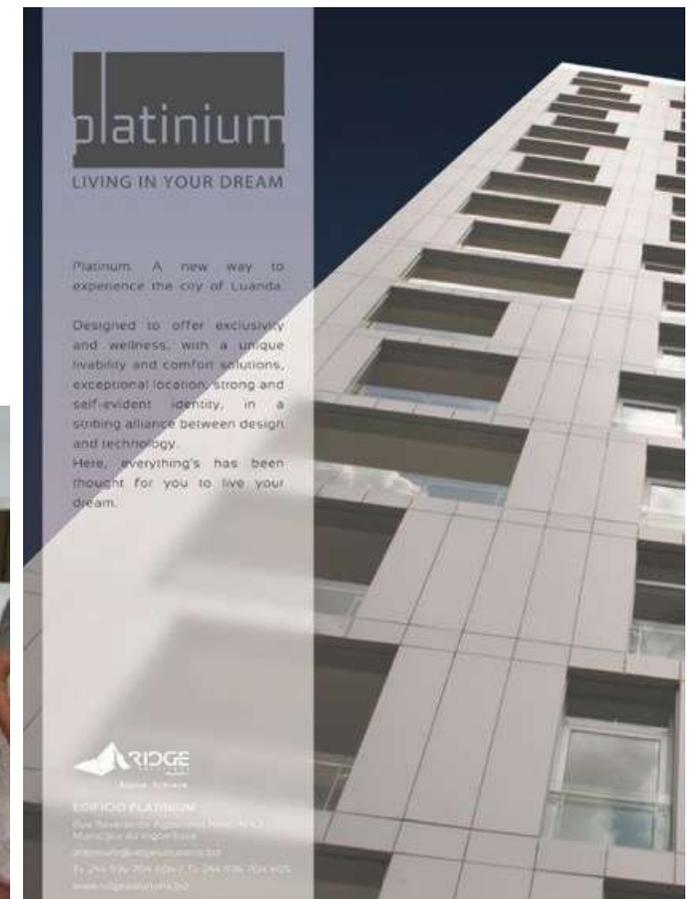
URBANIZATION IN CAMAMA

The Group's largescale real estate development, was a major housing project, totaling 300 hectares, located in the Southern suburbs of Luanda. With these real estate project approximately 1,800 villas have been handed to local citizens.



RESIDENTIAL BUILDING

Edifício Platinum: Platinum is a nineteen-storey residential tower in the Ingombotas District in the heart of Luanda. Platinum offers two and three bedroom luxury condominiums.



platinum
LIVING IN YOUR DREAM

Platinum. A new way to experience the city of Luanda.

Designed to offer exclusivity and wellness, with a unique livability and comfort solutions, exceptional location strong and self-evident identity, in a sibling alliance between design and technology. Here, everything's has been thought for you to live your dream.

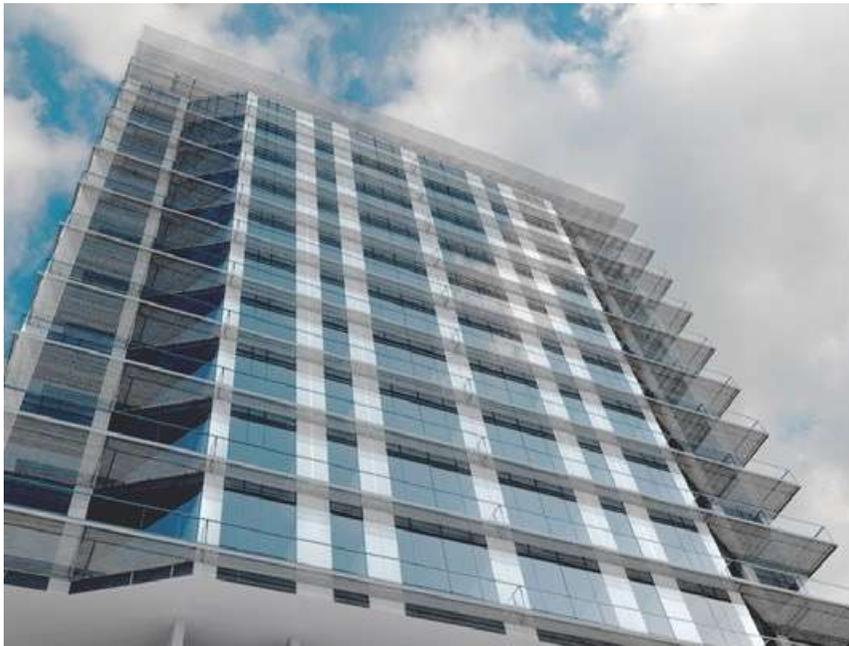
RIDGE SOLUTIONS

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Tl. 244 924 704 824 / Tl. 244 924 704 905
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RESIDENTIAL BUILDING

Marimba Palace: Just blocks away from the historic bayside Marginal of downtown Luanda and situated directly across from the Tennis Club of Luanda, Marimba Palace offers modern, conveniently located and secure condominiums. These two, three and four bedroom condominiums is one of the supreme and luxury building offered in Luanda.



OFFICE BUILDING

Kissange Tower: Located near the newly renovated Justice Ministry and in one of the most prestigious avenues in the city of Luanda, Kissange Tower will offer twenty-one storeys of prime commercial office space. This project is in the licensing stage of development.



URBANIZATION NOVO KITULU

Novo Kitulu: Novo Kitulu is a large-scale real estate project developed in cooperation with Angolan government in the greater Luanda area. It offers 600 hectares that stretches lengthwise from the coast of the Atlantic Ocean to a major roadway. It is located about 25 kilometers North of downtown Luanda. Novo Kitulu consists of 15.000 villas with 3 and 4 bedrooms, with housing types covering the range from middle to middle-high class housing.



COOPERATIVA CAJUEIRO

Cooperativa Cajueiro: Located near Talatona, a new neighborhood constructed 10km south of Luanda, TILCA (a company belonging to the Chairman's Group) developed a private condominium of luxury houses. This development included a social entertainment center and a shopping facilities.



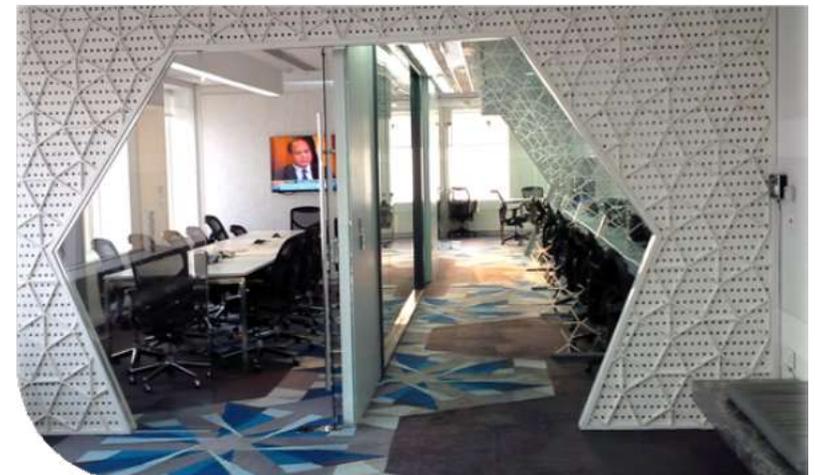
VILLAS IN MALANGE

Cangamo Occidental Urbanization: Located near the main entrance to the City of Malange, Ridge Solutions developed 100 middle class houses and 100 upper-middle class houses. This development includes a social entertainment center and a four star hotel with 122 rooms that are currently under construction.



RIDGE CAPITAL HOLDING

- ▶ Ridge Capital Holding is the financial and investment arm of Ridge Solutions Group, a diversified international group with presence in Africa, Europe and Middle East. We, at Ridge Capital Holding, pride ourselves for our creative thinking and innovative ideas for our investors;
- ▶ Our group set up the first global Islamic fund of funds in the MENA region.
- ▶ We pride ourselves in reshaping unique investment ideas by creating products that specifically address the needs of our clients and their specific investment objectives;
- ▶ We tend to deliver what we promise and efficiently plan to fulfill our commitments. Our team is our asset with over 60 years of collective professional experience in different markets of the world, transforming us into a more diversified, competitive and culturally affluent organization;

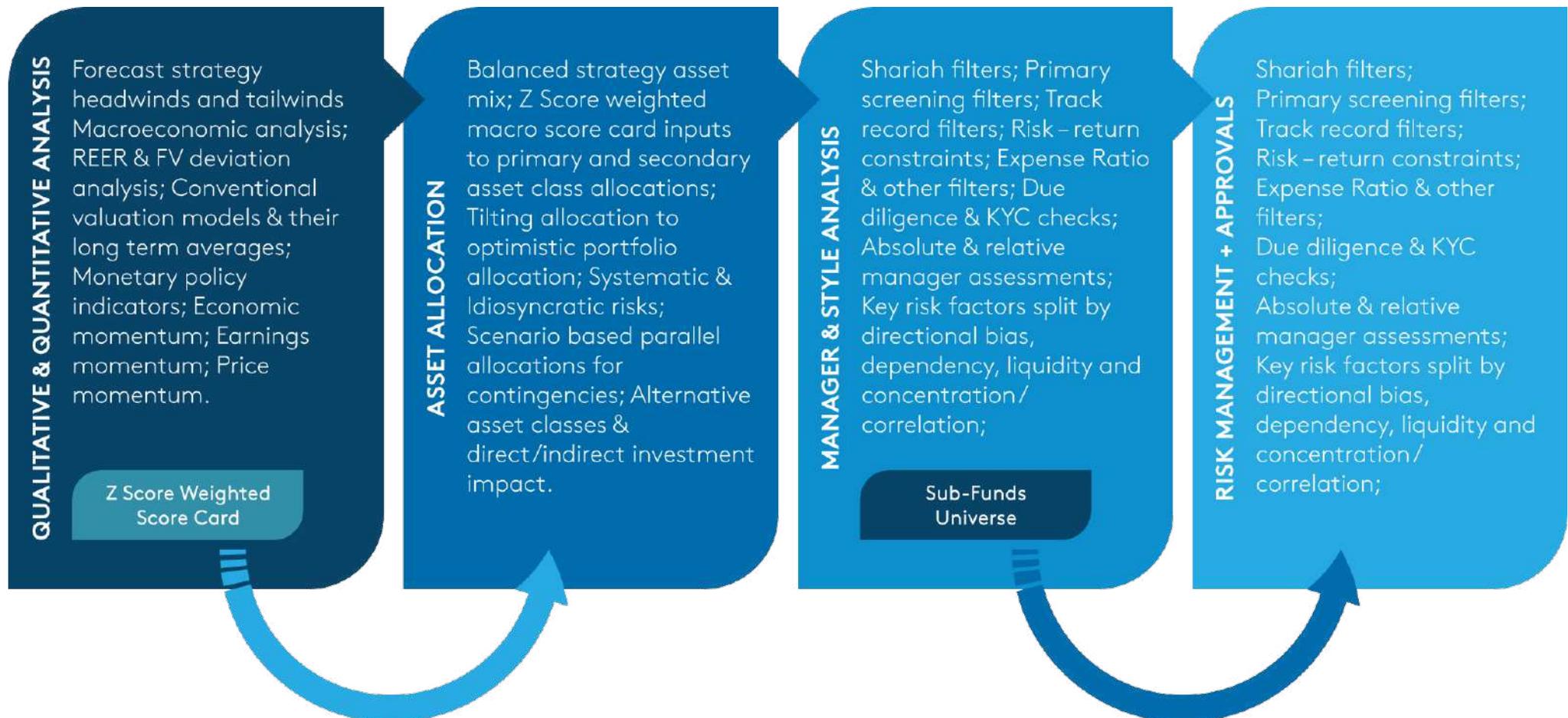


MISHKAT GLOBAL ISLAMIC FUND OF FUNDS

First global Islamic fund of funds in the MENA region;

- ▶ Uniquely structured to follow a meticulous balanced investment strategy while tapping the upside potential of top Islamic funds world wide;
- ▶ The fund aims to bridge gaps between global investors by providing them diversification, flexibility and focused risk management solutions resulting in superior risk adjusted returns from a global fund portfolio.
- ▶ The fund plans to invest in a global pool of Shariah compliant funds by implementing a structured approach to investing in order to target consistent top performing funds. Our unique investment methodology ensure that the downside risks are actively minimized while still benefiting from the exceptional upside potential of our global portfolio.
- ▶ Our distinctive approach to the underlying risks by implementing a peer to peer risk approach through extensive use of quantitative and statistical modeling;
- ▶ We aim to redefine globalization with an indenture of diversification. Our target markets include the wider emerging and frontier universe in addition to specific constituents of the MSCI World Index.
- ▶ Our portfolios are designed to cater scenario based investment process with a tactical risk overlay to achieve a higher and stable return target. The portfolios are monitored on a frequent basis to confirm tactical shifts across asset classes;
- ▶ The fund follows a rigorously constructed geographic allocation in addition to tactical allocation adjustments in portfolio asset classes based on macro-economic fundamentals and idiosyncratic political and country risks;
- ▶ We have also structured a distinctive approach to the underlying risks by implementing a peer to peer risk approach through extensive use of quantitative and statistical modeling.

MISHKAT GLOBAL ISLAMIC FUND OF FUNDS



1.000 HE INDUSTRIAL SHRIMP FARM IN AMBRIZ, ANGOLA

Project Characteristics:

- ▶ Pioneer project on the west African coast
- ▶ Jumbo Tiger Shrimp (*Penaeus monodon* species)
- ▶ Organic production techniques to target the premium, high-margin market
- ▶ Semi-intensive production techniques with production of:
 - Harvest yield of 2.1 --2.2 tons/ha
 - Two harvests for each pond annually (4.2-4.5 tons/ha/yr.
 - Average harvest weight of tiger prawns of 28 grams



CERAMIC FACTORY



CERAMIC FACTORY



CERAMIC FACTORY



CERAMIC FACTORY



THE FIRST AFRICAN F1 SPONSOR





Ridge Solutions Group

An Overview



Africa, Asia, Latin America and Emerging Markets: The Gateway to a World of Opportunities



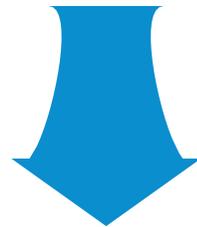
INTRODUCTION

Established in 2004, Ridge Solutions is a wholly-owned Angolan company which develops diverse projects across several market sectors under its various operating units. The company's initial successes came in leading several high profile real estate developments in Angola. The diverse and talented management team at Ridge Solutions has extensive international experience in property development, finance, engineering, and other pertinent skill sets. Due to the consistently high economic growth rates in the Angolan economy, Ridge Solutions has recently expanded its activities into other sectors. The Group's business activities now include:

- ▶ Engineering, Project Management and Infrastructure Development (GEG Angola and Emirates Ridge Solutions Contracting, Abu Dhabi)
- ▶ Property development, housing, offices, shopping centers, tourism, Hotels & Resorts (RS Property)
- ▶ Agriculture (RS Farming)
- ▶ Aquaculture (RS Aquaculture)
- ▶ Investment Fund Management & Corporate Finance Advisory Services (RS Capital)
- ▶ Brand management and retail product development (RS Brand)
- ▶ Natural Resources & Industries (RS Industry)
- ▶ Commodities Trading & Brokerage (Ridge Commodities)
- ▶ Startups accelerator (Ridge Accelerator)

INTERNATIONAL NETWORK

Ridge Solutions is in the process of developing its global business network through strategic partnerships and joint ventures with well-recognized international companies involved in specific economic sectors. This includes retail property development, hotel management, real estate evaluation and appraisal, and financial services. The majority of these efforts are focused on diverse property developments, agriculture, hotels, industry, and natural resources exploitation in the country of Angola.



To enhance the ability of the Group to work with both domestic and international investors, the Group created RS Capital, which in 2008 became only the third financial institution in the country to receive approval of the Ministry of Finance's Comissão do Mercado de Capitais (CMC). Going forward, the Group is seeking to establish an RS Capital-managed private equity vehicle domiciled abroad to facilitate international private equity investment in Angola's dynamic economy. The management team of RS Capital includes professionals with experience in the financial services industry from the North American, European and African continents at international leading companies, including Merrill Lynch and Nedbank.



INTERNATIONAL NETWORK

Ridge Solutions International Holdings Ltd, a company limited by shares under the Companies Law, Dubai International Financial Centre Law No. 3 of 2006, and operating as a unregulated entity (holding company) from its offices at 511 Liberty House, Dubai International Finance Centre, Dubai, United Arab Emirates.

Emirates Ridge Solutions Contracting LLC, a limited liability company registered with the Tribunal of the Ministry of Commerce in Abu Dhabi, United Arab Emirates, Emirates Ridge Solutions Contracting was established to provide project management and engineering services on large-scale public works and infrastructure projects in the GCC region.

RS Global Energy FZE, is a limited liability company under the requirements of Fujairah Free Zone. It is an independent commodity trading and brokerage company with a worldwide activities in trading oil and gas, as well as metal and mining commodities.

Ridge Accelerator Ltd, is a limited liability company created with the objective to bridge between the most concentrated innovation and startup hub in the world with developing markets in China and Africa.

INTERNATIONAL NETWORK - RESBO

RIDGE ECO-SYSTEM BUSINESS OPERATING

In addition to the companies referred above, the group has formed multiple strategic alliances across several businesses and geographies, operating in Africa with its own Eco-System Business Operating.

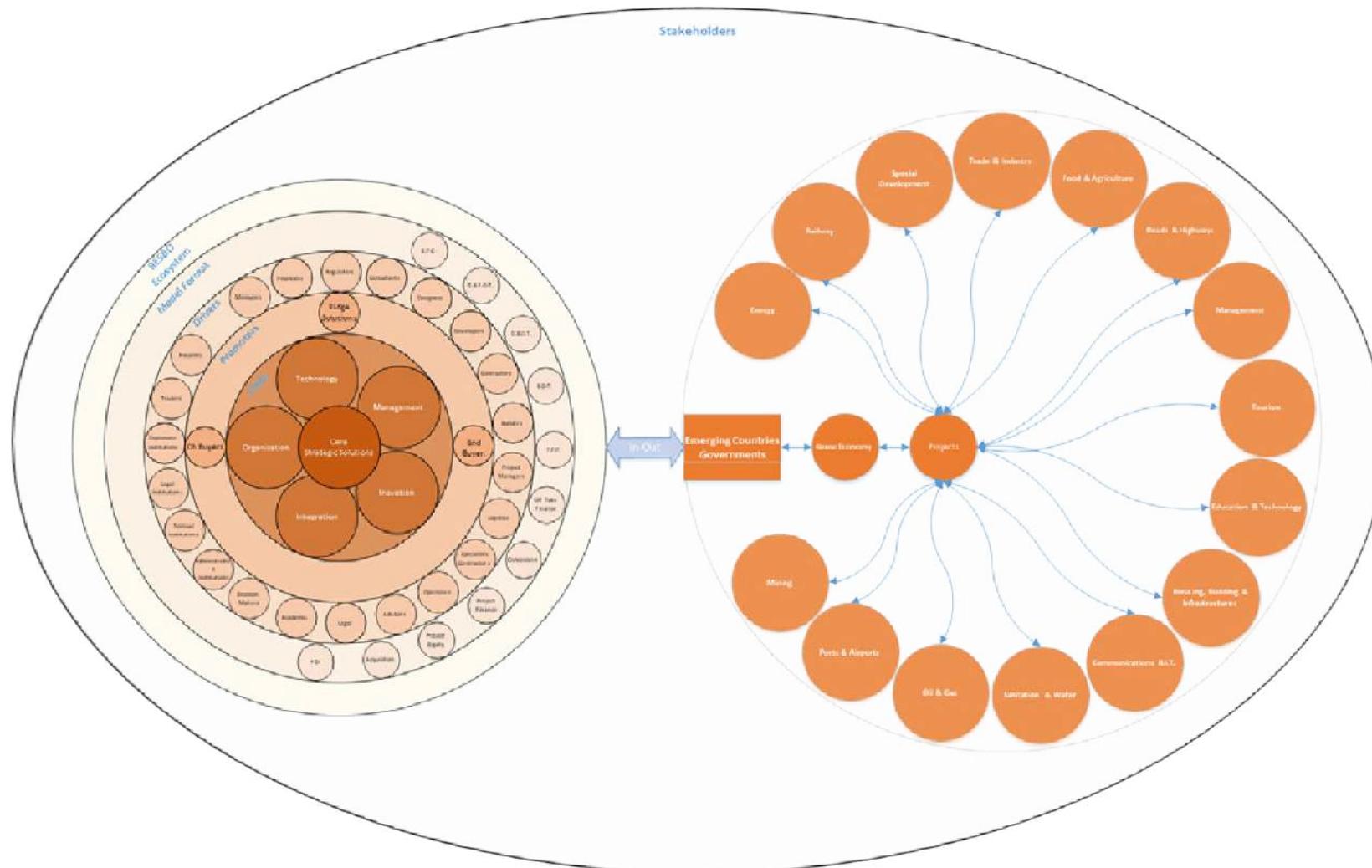
RESBO system is a network of interconnecting and interacting parts, as in a business and integrated development Solutions for Countries or Organizations, including Government economic needs and targets.

The success of RESBO ecosystem is demanded from global markets to achieve the next stage of development from 2D, 3D-4D between Countries and organizations capturing the resources required on B2B and THE BEST OF BOTH WORLD.

HOW DOES RESBO

- ▶ By raising GLOBAL STRATEGIC SOLUTIONS awareness among different stakeholders focusing on delivering multi sectors goals; and by highlighting the benefits of a collaborative approach.
- ▶ By supporting and facilitating institutional frameworks for integrated ecosystem management, including for transboundary ecosystems.
- ▶ By developing, with partners, monitoring and assessment frameworks as well as other tools which support collaboration on ecosystem management.
- ▶ By providing political and technical assistance to deliver integrated ecosystem management; and by addressing key concerns and objectives of stakeholders.

INTERNATIONAL NETWORK - RESBO

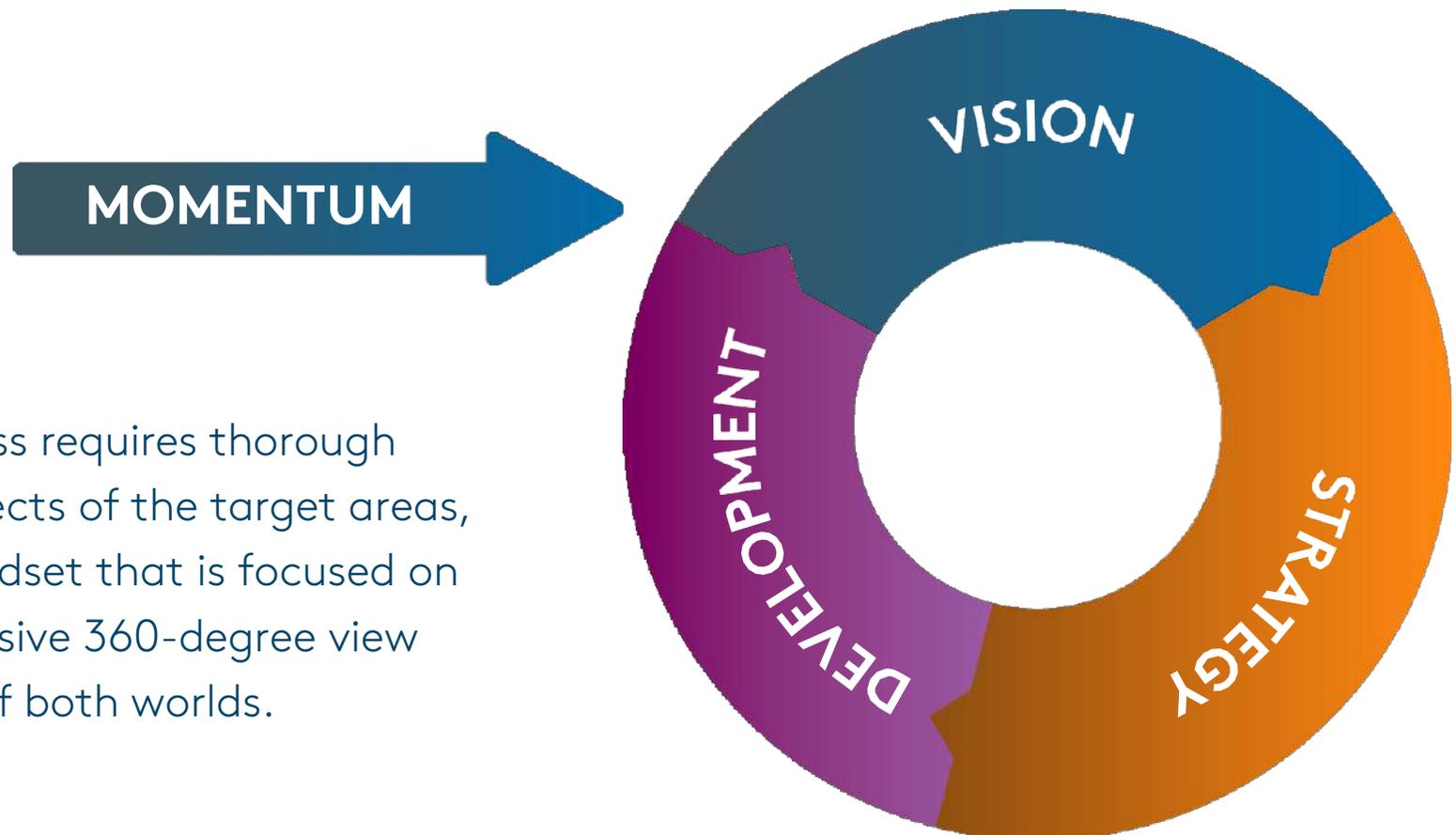




RIDGE
SOLUTIONS

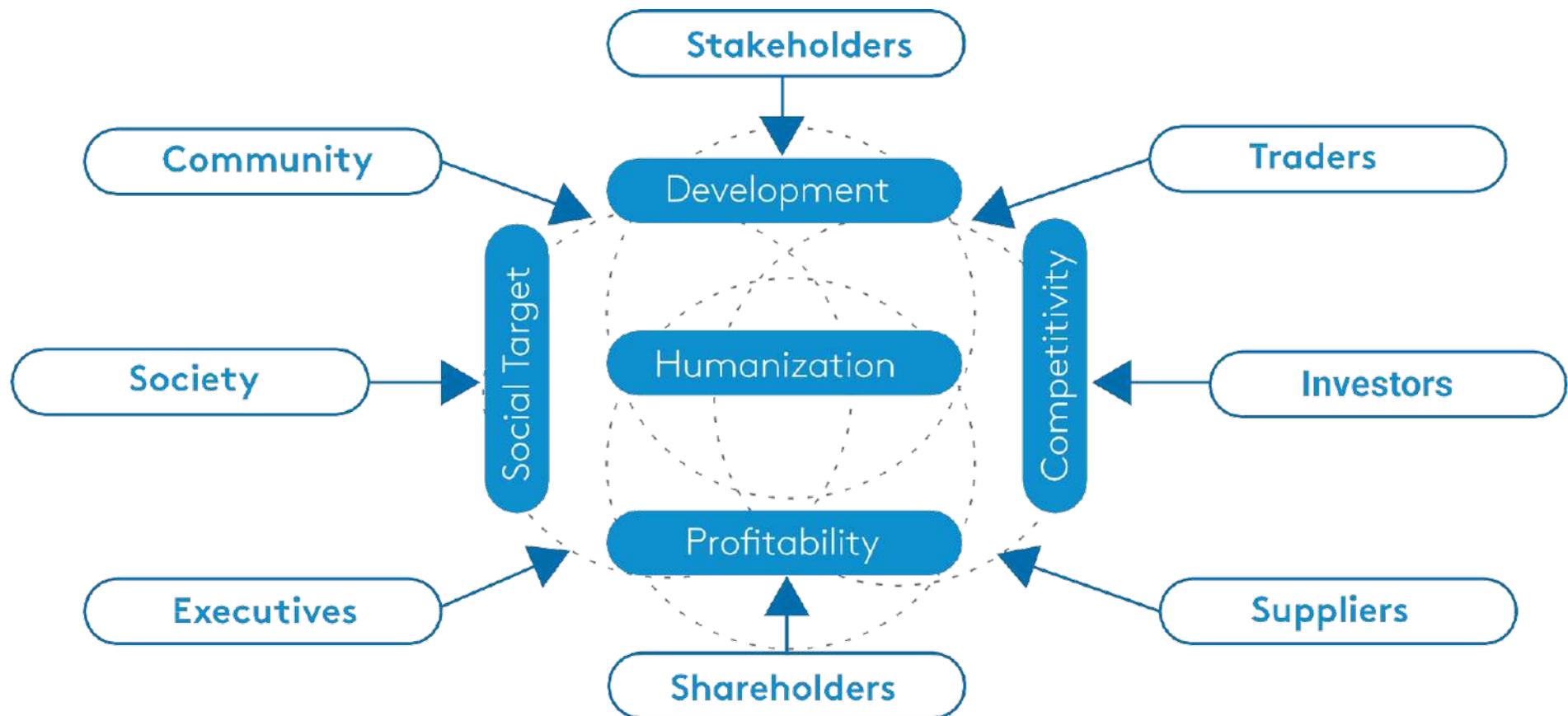
OUR VISION

THE INTEGRATION CYCLE

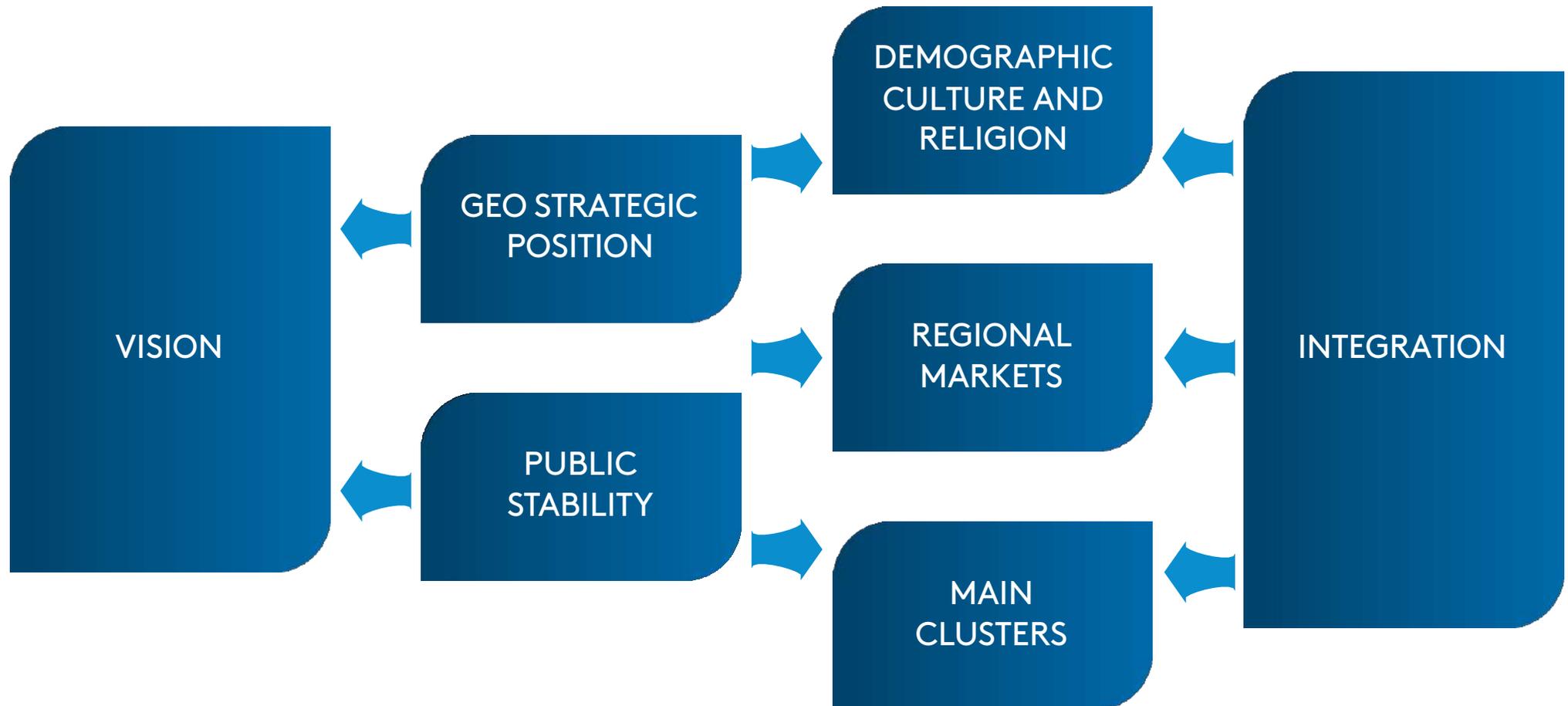


To develop a business requires thorough knowledge of all aspects of the target areas, with a different mindset that is focused on giving a comprehensive 360-degree view based on the best of both worlds.

THE SYNERGY MODEL



THE INTEGRATION CYCLE





RIDGE
SOLUTIONS

RS GLOBAL ENERGY FZE

Trading Arm with Global Outreach



RS GlobalEnergy

Energy (Commodities)
Trading & Energy Integrated
Investments

ENERGY TRADING @GLANCE

WHO WE ARE

- ▶ Energy Commodity Trading Arm (Company) with global outreach
- ▶ Privately held and controlled by statutory entity incorporated in United Arab Emirates with ultimate beneficiary, a Portuguese national
- ▶ Global footprint and headquartered in United Arab Emirates with offices in Dubai, Fujairah and footprints in Lisbon and London
- ▶ Focused on the sourcing, trading of base metals, precious metals inclusive of associated raw material, extensive variety of the crude oil and petroleum products
- ▶ Business supplemented by derivatives trading, logistics, financing solutions, risk management and strategic investments
- ▶ Strong established relationship with customers, suppliers, logistics managers and financial institutions
- ▶ Continuing presence in Africa as strategic hub for sustainable supplies over long term
- ▶ We believe, we have unique strength to leverage trading prospects integrating multi geographies inclusive of Oil & Gas and growing mineral resources strength in Africa



Source:
Source crude oil, petroleum products and minerals through established relationship, financing and investments



Store & Transform:
Arrange for storage, tolling and refining of raw materials as well as price risk management across our global network



Deliver:
Facilitate the delivery of crude oil, petroleum products and minerals to our customers across the world when and where it is needed

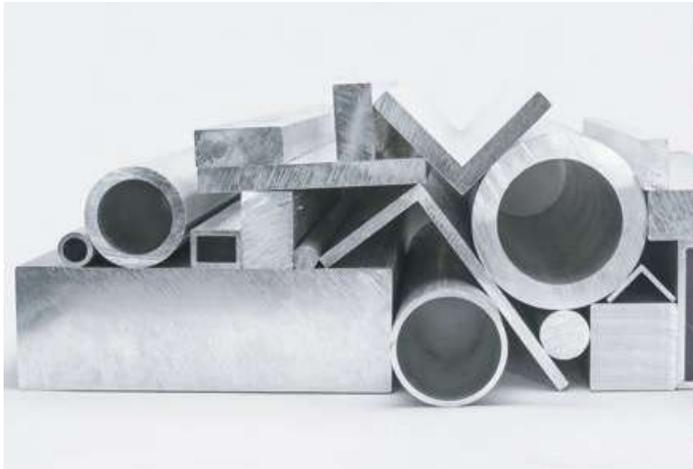
CONSERVATIVE

Effective, disciplined risk management is a core component of our success, and these ethos are deeply embedded into our culture

ESTABLISHED

Reputation as a dedicated, trusted, and entrepreneurial partner built with associated partners network

AIMS & ASPIRATIONS



OUR VISION

Our vision is to develop a sustainable energy partner as trusted commodities trader and integrated energy investor across multi-geographies to leverage strengths and diversifications.



OUR MISSION

Our mission is to sustain recognition globally as symbol of excellence as 'Commodities Trader' and 'Energy Investment' amongst all stakeholders.

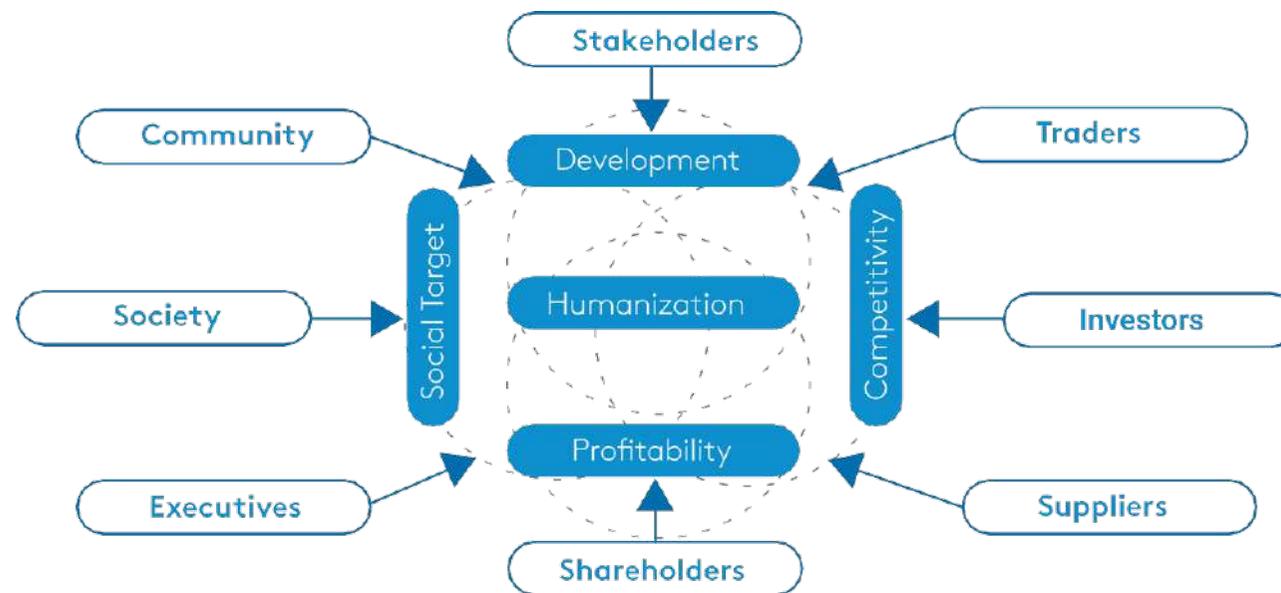


OUR VALUES

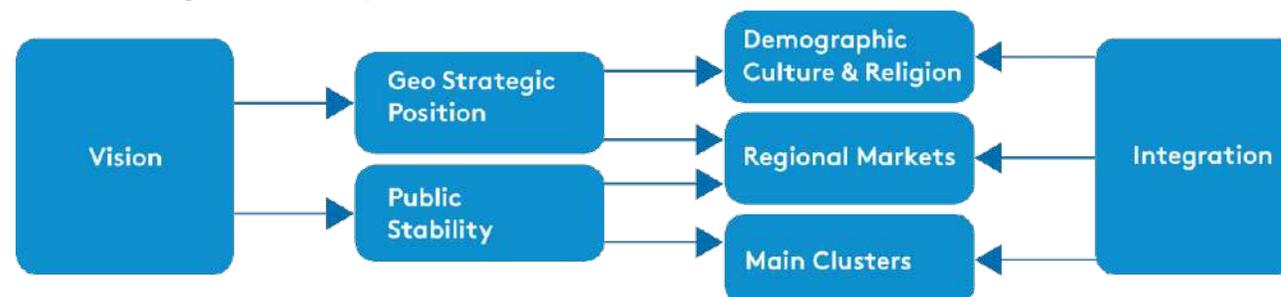
Our values and principles are 'Reliable Partnerships, Service Excellence, Win-Win Synergies and Quality'. Our aspirations are driven by Sustainability, Long term approach, ESG and Impact on local economies.

THE INTEGRATED VISION

The Synergy Model



The Integration Cycle



GLOBAL OUTREACH & NETWORK

We source, process, store and deliver crude oil, petroleum products and minerals to our customers across multi geographies.

With footprints in multi-geographies across continents, and unmatched on the ground local expertise, our global network allows us to efficiently and effectively manage worldwide logistical services, while maintaining our highly valued local customer relationships.

Major Trading Hubs

- 📍 Dubai, Fujairah, United Arab Emirates
- 📍 London, United Kingdom
- 📍 Lisbon, Portugal
- 📍 Lusaka, Chingola, Zambia
- 📍 Kinshasa, Copper Belt,
- 📍 Democratic-Republic of Congo
- 📍 South Africa
- 📍 Mexico
- 📍 Brazil
- 📍 Peru
- 📍 Russia
- 📍 China



CONTINUING FOOTPRINTS @AFRICA



Resources & Products Overview

- ▶ Copper Concentrate, Brazil, Chile
- ▶ Copper Cathode, Peru, Chile
- ▶ Manganese, Brazil, Peru
- ▶ Iron Ore, Peru, Brazil
- ▶ Tin, Brasil
- ▶ Nickel, Brazil, Peru
- ▶ Lithium, Brazil, Peru
- ▶ Others

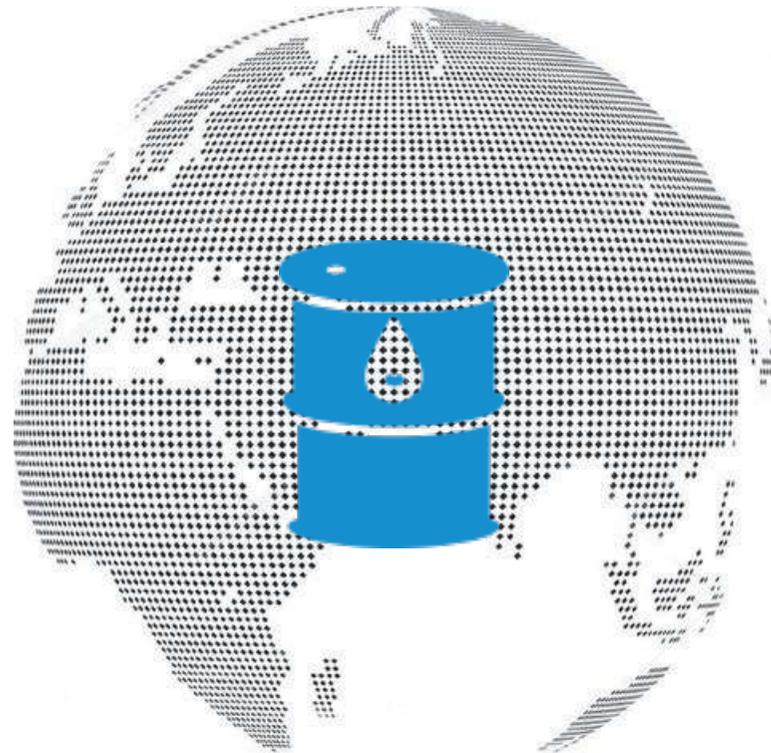
Expanding Assets Portfolio @Africa

Resources & Products Overview

- ▶ Strategic Aim Of Sourcing Crude Oil & Petroleum Products from Angola
- ▶ Copper Concentrate, Zambia, DRC
- ▶ Copper Cathode, Zambia, DRC
- ▶ Manganese Ore, Gabon, Zambia, DRC, South Africa
- ▶ Cobalt, Zambia, DRC, South Africa
- ▶ Iron Ore, Zambia, DRC, South Africa
- ▶ Lithium, Zambia, DRC, South Africa
- ▶ Others



CRUDE OIL & PETROLEUM PRODUCTS OVERVIEW



1. Products Overview

- ▶ Crude Oil
- ▶ Diesel
- ▶ Gasoline
- ▶ Fuel Oil
- ▶ Jet fuel
- ▶ Liquefied Natural Gas
- ▶ Liquefied Petroleum Gas
- ▶ Others

3. Geographies For Sellers

- ▶ Angola
- ▶ Russia
- ▶ Iraq
- ▶ United Arab Emirates
- ▶ Others

2. Partners Overview

- ▶ Logistics
- ▶ Storage
- ▶ Manufacturing Own Use
- ▶ Industrial Own Use
- ▶ Traders @Private
- ▶ Traders @Sovereign
- ▶ Others

4. Geographies For Buyers

- ▶ China
- ▶ Middle East Region
- ▶ African Region
- ▶ Asian Region
- ▶ Others

OUR APPROACH



1 We work for the long term



2 We want to improve lives through our operations and ESG



3 We partner and actively engage shareholders, management and local stakeholders



4 We work hard to leverage transactions, assets and enhance operations and we are very hands on



How we do business?

OPERATING PRINCIPLES

- ▶ Entrepreneurial
- ▶ Focus on commercial terms (inclusive of margin) optimization and speed of execution
- ▶ Where product or/and logistics are not competitive, we bring out of the box solutions
- ▶ Build, learn and optimize to achieve results not perfection
- ▶ Others

ESG IMPERATIVES

- ▶ Increasing employment in deprived regions
- ▶ Training workforce for international mobility
- ▶ Agricultural and farming development
- ▶ Reduce Carbon Footprints
- ▶ Others



MANAGEMENT & TEAM



Mr. Ajaz Ahmed
Executive Director
& Executive Vice-President



Mr. João Pedro Silva
Executive Director



Mrs. Jamila Jin Xin
1st Vice President of
Ridge Solutions Group, China



Mr. Akif Farooq
Regional Chief Liaison Officer
GCC



Ms. Agata V Machado
Finance & Administration,
Director



Mr. Suneer Babu
Director, Operations,
United Arab Emirates



Ms. Teresa Ramos
Legal, Consultant



Mr. Antoine Luc
Geologist, Consultant



Mr. Mohamed Abdelkader
Director of Financial Affairs
United Arab Emirates



Ms. Daniela Soares Gouvea
Sales Representative
South America



Mr. Taimur Avrashov
Head of credit instruments (Director)



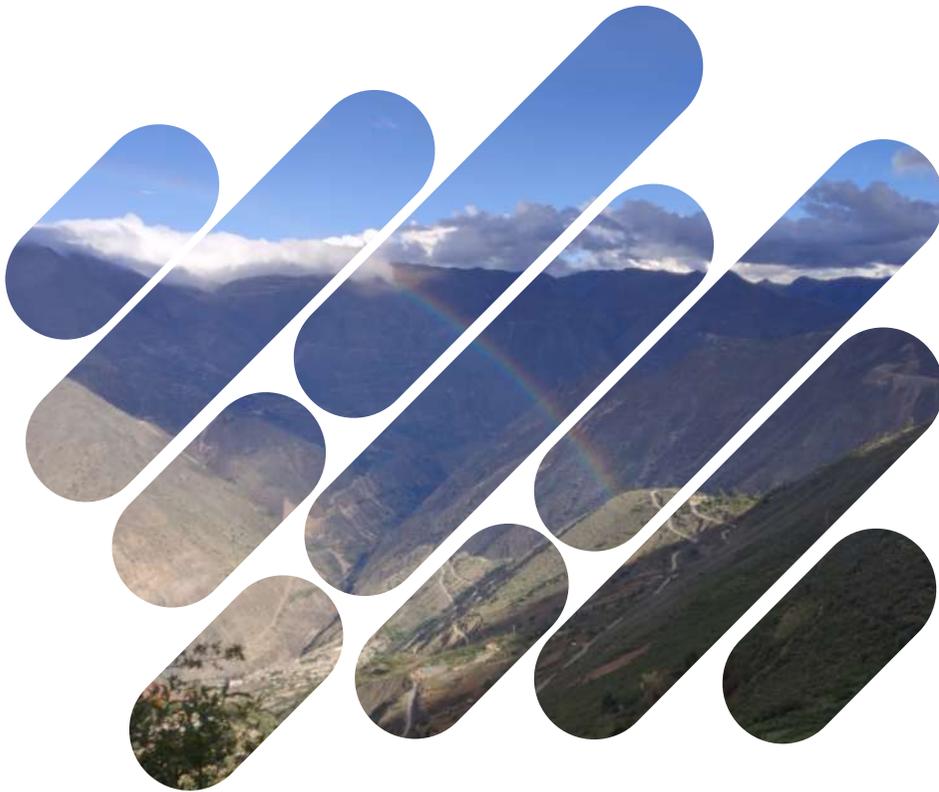
RSGE TRADING PERU SAC

SOG O&M PERU SAC

Peru Investment, Trading, Operations &
Management

SUPPLYING THE FUTURE

INVESTMENT PROCESS PERU



RS Global Energy

The ways how to invest and get profit with us:

Fixed profit (Family office)

- fixed profit
- jurisdiction of the investment (Abu Dhabi Global Market)
- Capital gained performane

Variable profit (SBLC MT760)

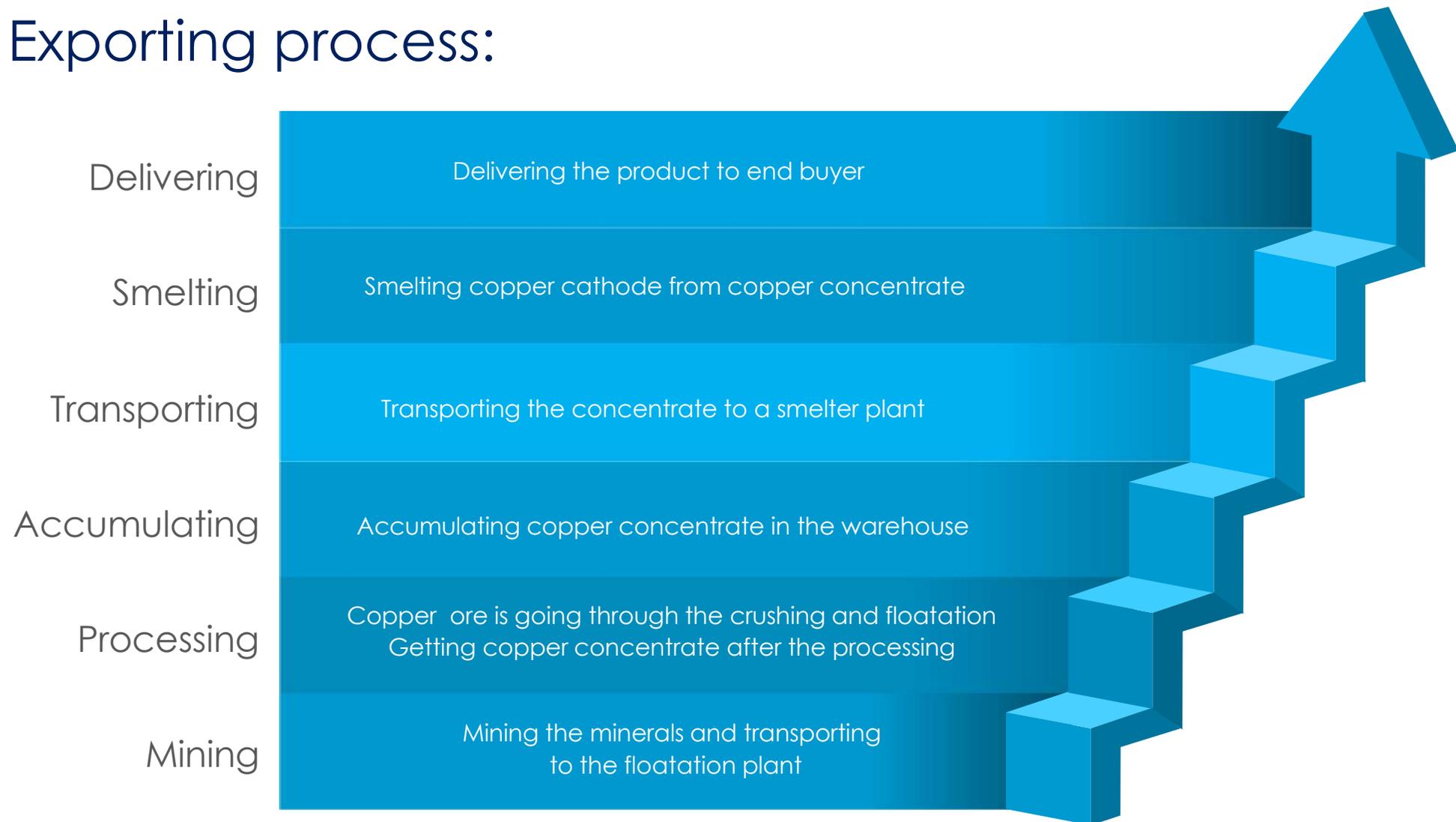
- variable profit
- investment into jurisdiction of the operation
- shareholding of the company
- capital gained
- performance

Product volumes profit (SBLC MT760)

- getting required
- volumes of the product
- investment into
- jurisdiction of the operation
- capital gained
- performance



RSGE Trading Peru Exporting process:



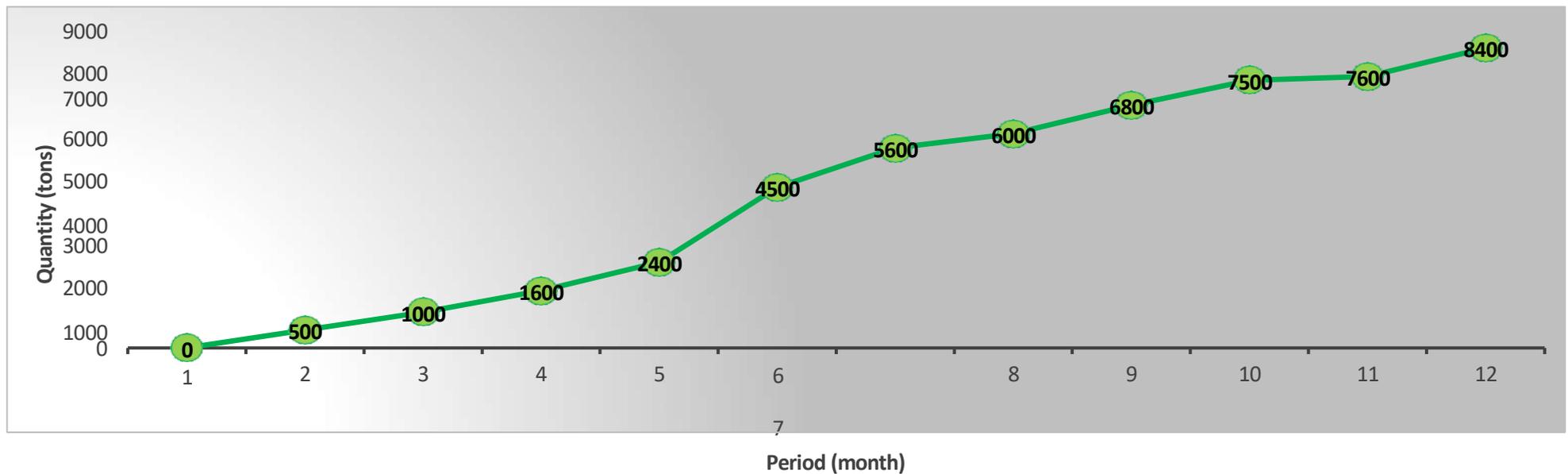
COBRIZA

Planned copper concentrate production during the first 12 month

● The production will be on lowest level during the first month because of updating process

● Progressive increasing of production during the next few month because of the process of the infrastructure upgrading

● Production closer to the processing plant capacity closer to the end of the year



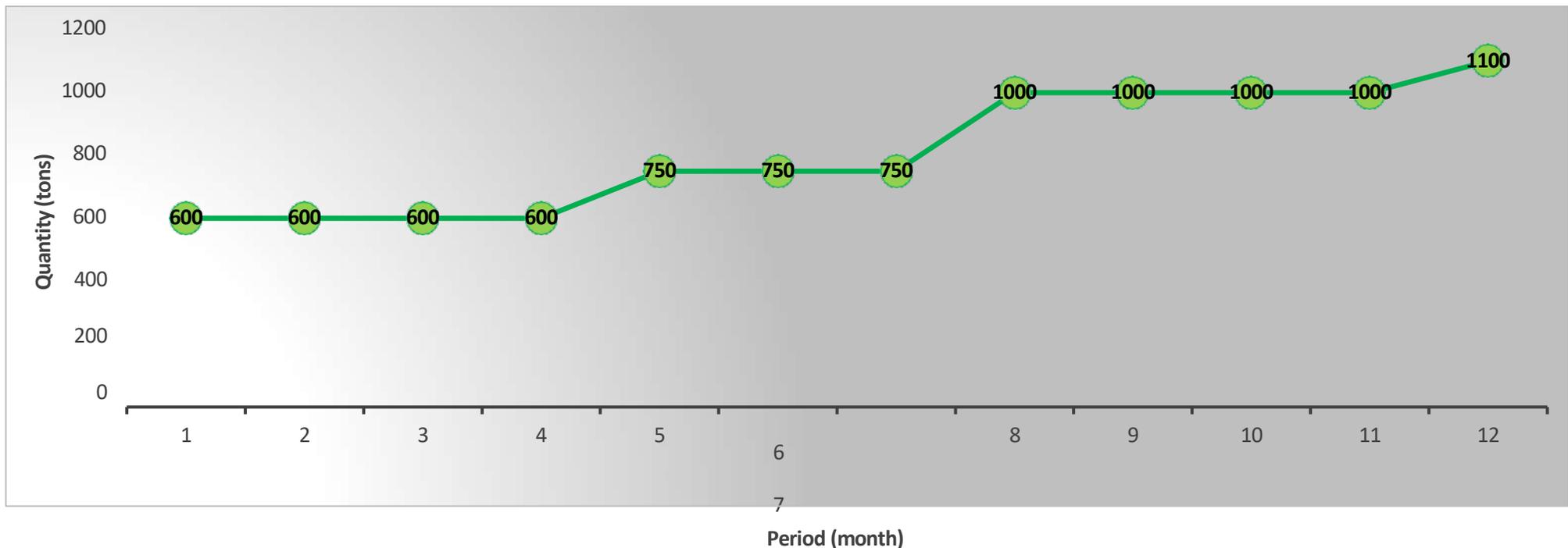
PACOCOCHA

Planned copper concentrate production during the first 12 month

The production will be on previous level during the first few months

Progressive increasing of production during the next few months after the process of upgrading

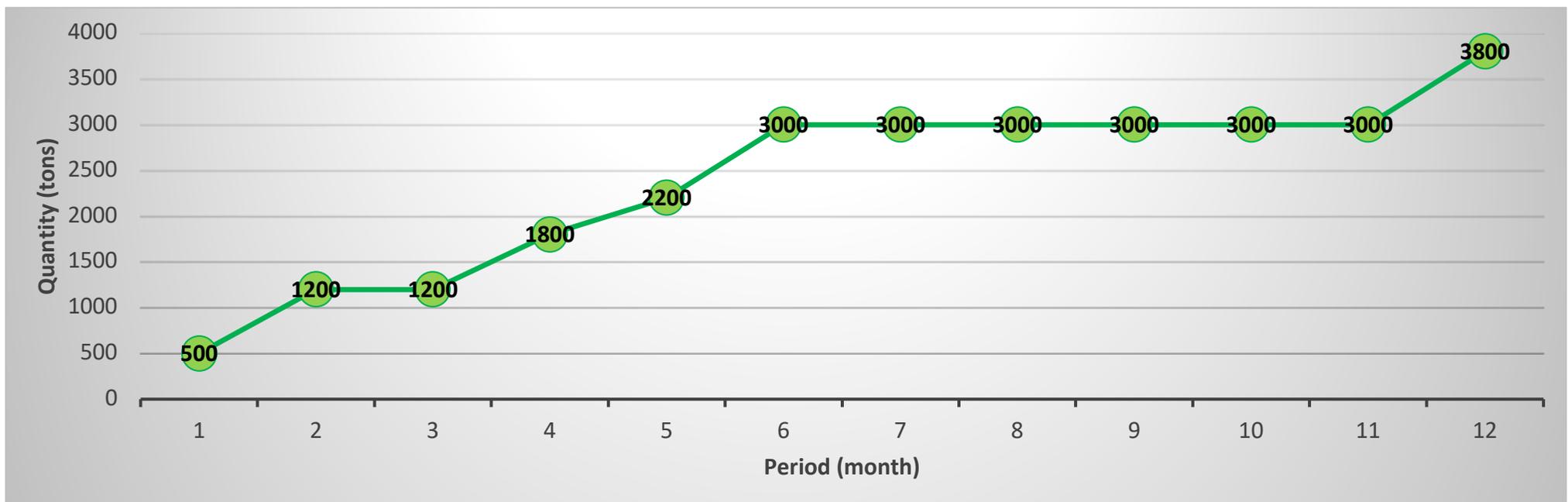
Production closer to the processing plant capacity closer to the end of the year



ARZAC

Planned copper concentrate production during the first 12 month

- The production will be bought from well known suppliers
- Progressive increasing of the production purchasing after the funding
- Increasing purchasing volumes as a result of the created confidence



RSGE Trading Peru

Part of each project in total production

01

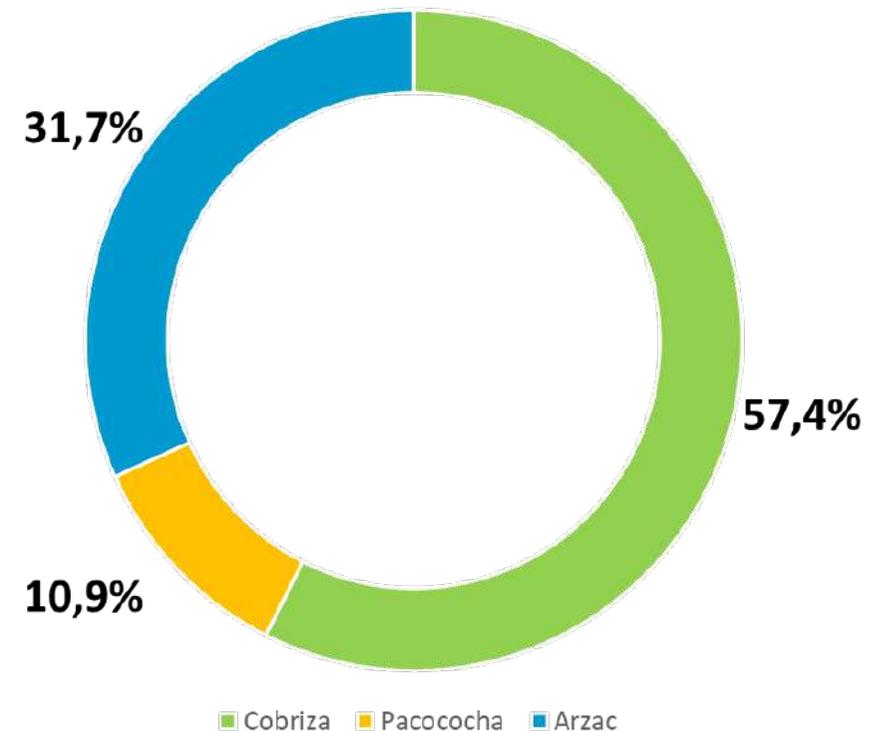
Cobriza mine - has the best infrastructure among all the projects

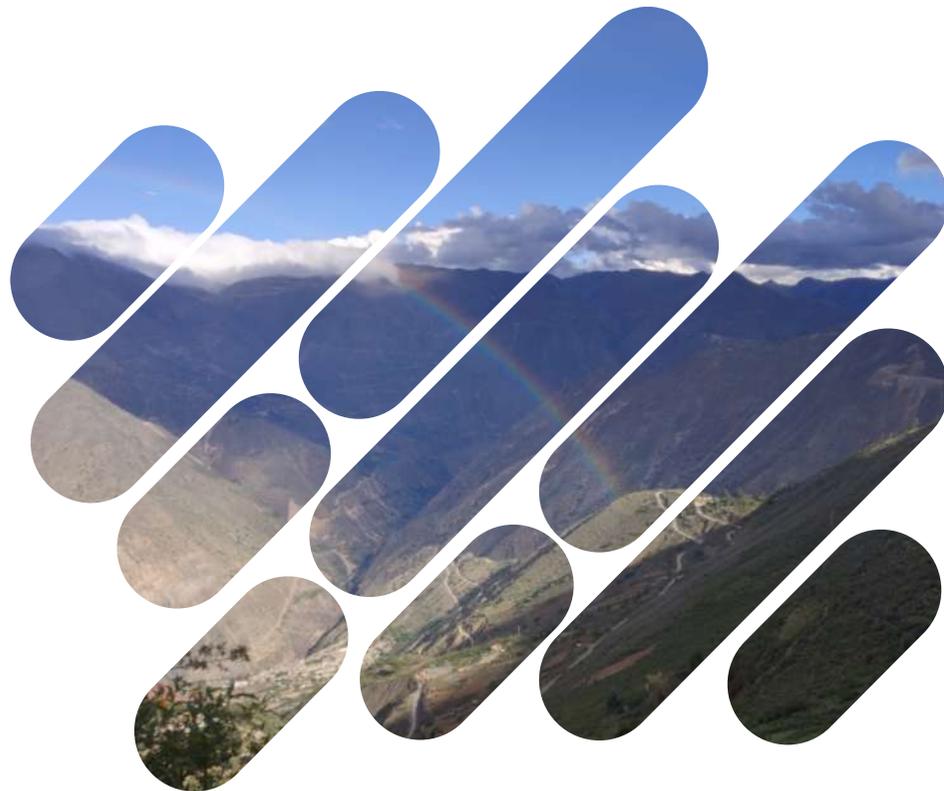
02

Pacocochoa project has a very big potential in the future. At the same time it is already existing productions which will start production from the very early period

03

Arzac project – has very strong connections on the trading field. It can start generate the volumes fast, but with little lower profit margin



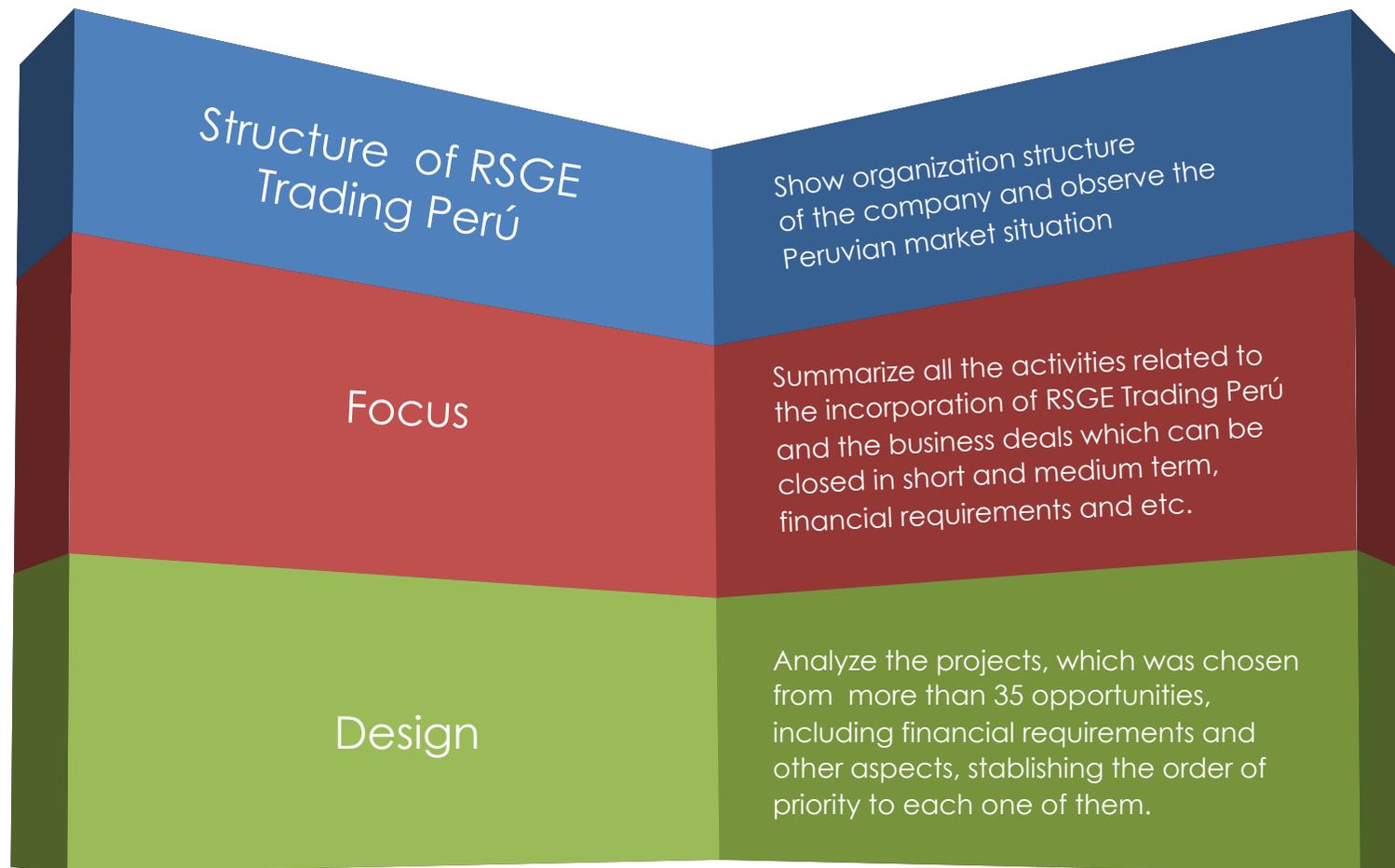


SUPPLYING THE FUTURE

**RSGE TRADING PERU
SAC**

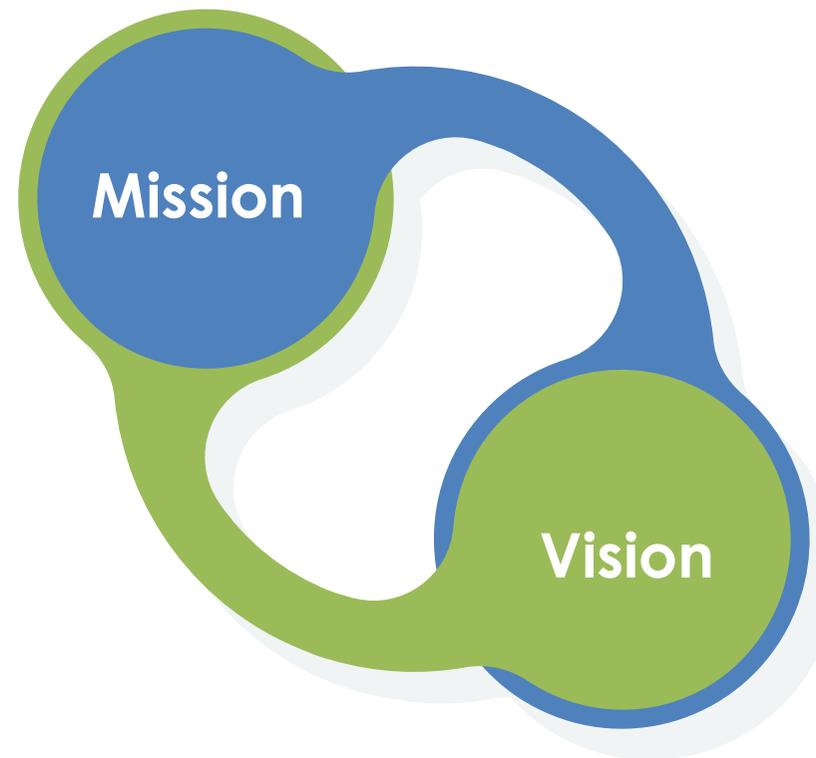
SOG O&M PERU SAC

OBJECTIVES



STRATEGIC VIEW

We are committed to the sustainable growth and profitability of our assets and thus to the economic development of the cities and towns where we operate.



Our business are sustainable assets with a strong growth potential.

Our commitment to development of our assets creates added value for the business and has a positive impact on the society around us.

OUR VALUES

We value
knowledge,
expertise and
reputation of our
team

Professionalism

Effectiveness

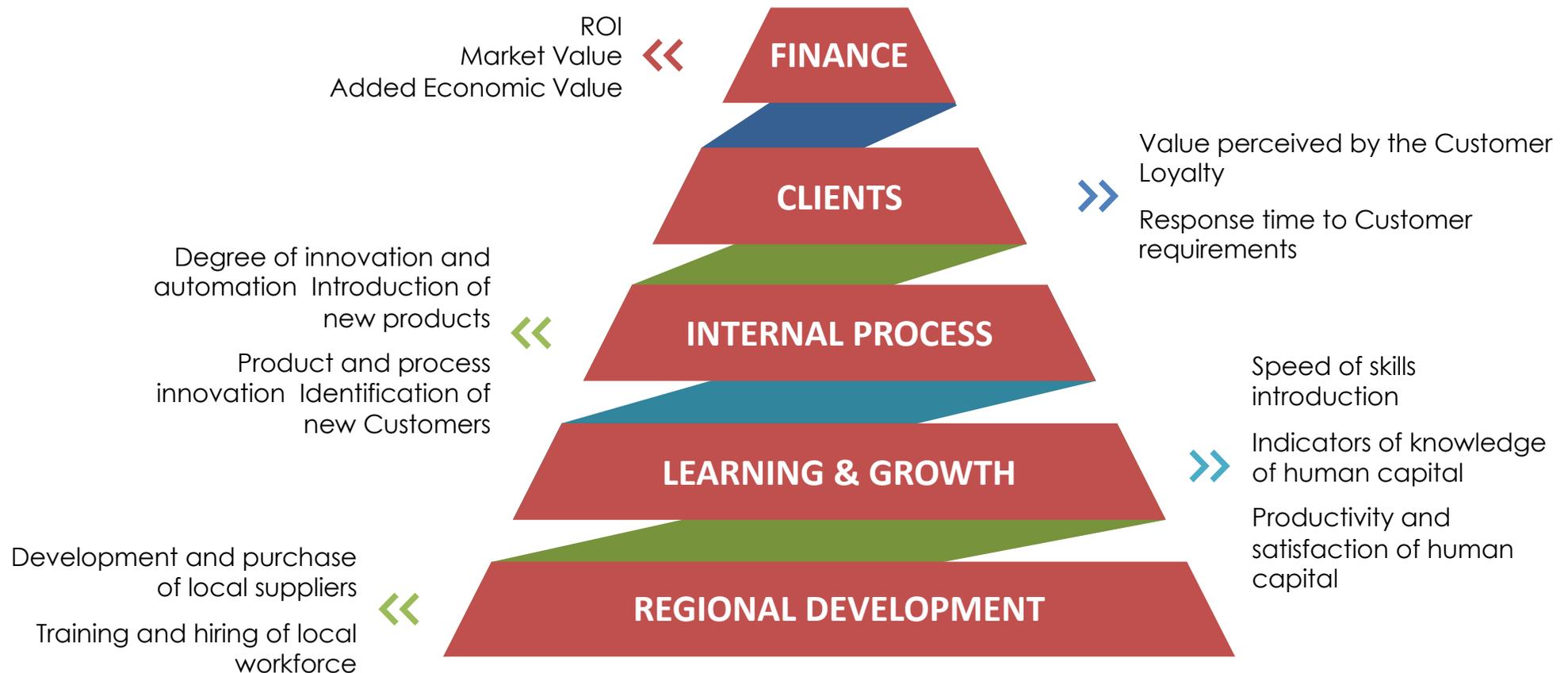
Responsibility

We manage the
projects which:

- treat with respect partners, local communities and the society;
- care for the environment and implement energy efficient technologies

We aim to achieve high
business performance
while managing our
projects

STRATEGIC OBJECTIVES



MINING STRATEGIC ORIENTATION

SOG O&M PERU SAC

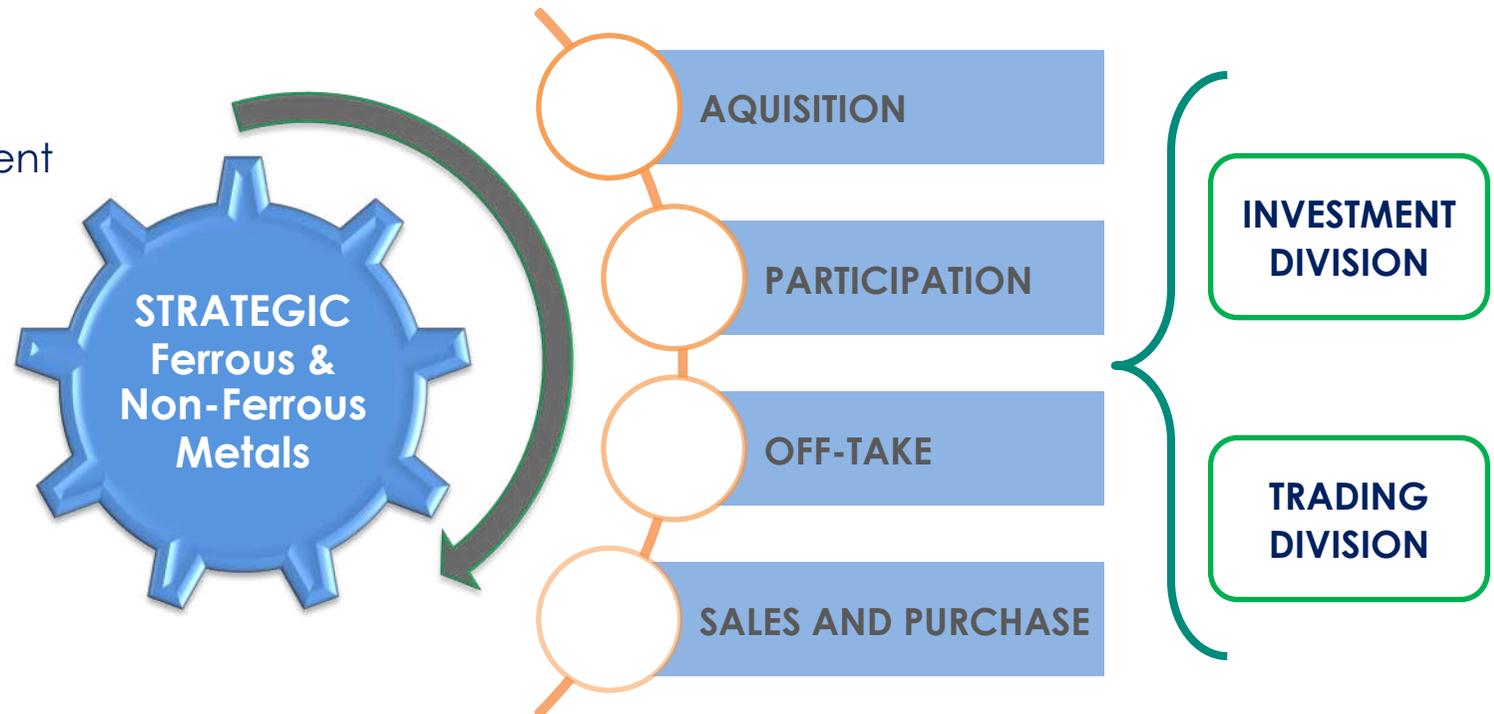
RSGE TRADING PERU S.A.C.

MANAGEMENT

1. Forecasting
2. Supply chain Management
3. Delivery Management

OPERATION

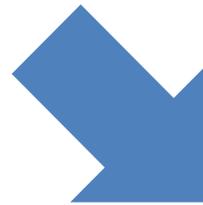
1. Organization
2. Coordination
3. Tech savvy
4. Education



MINING STRATEGIC ORIENTATION

RSGE TRADING PERU SAC

- Leverage Upstream and Downstream Mining Investments;
- Operations and Logistic Strategy;
- Technical and legal knowledge;
- CAPEX Management .



SOG O&M PERU SAC

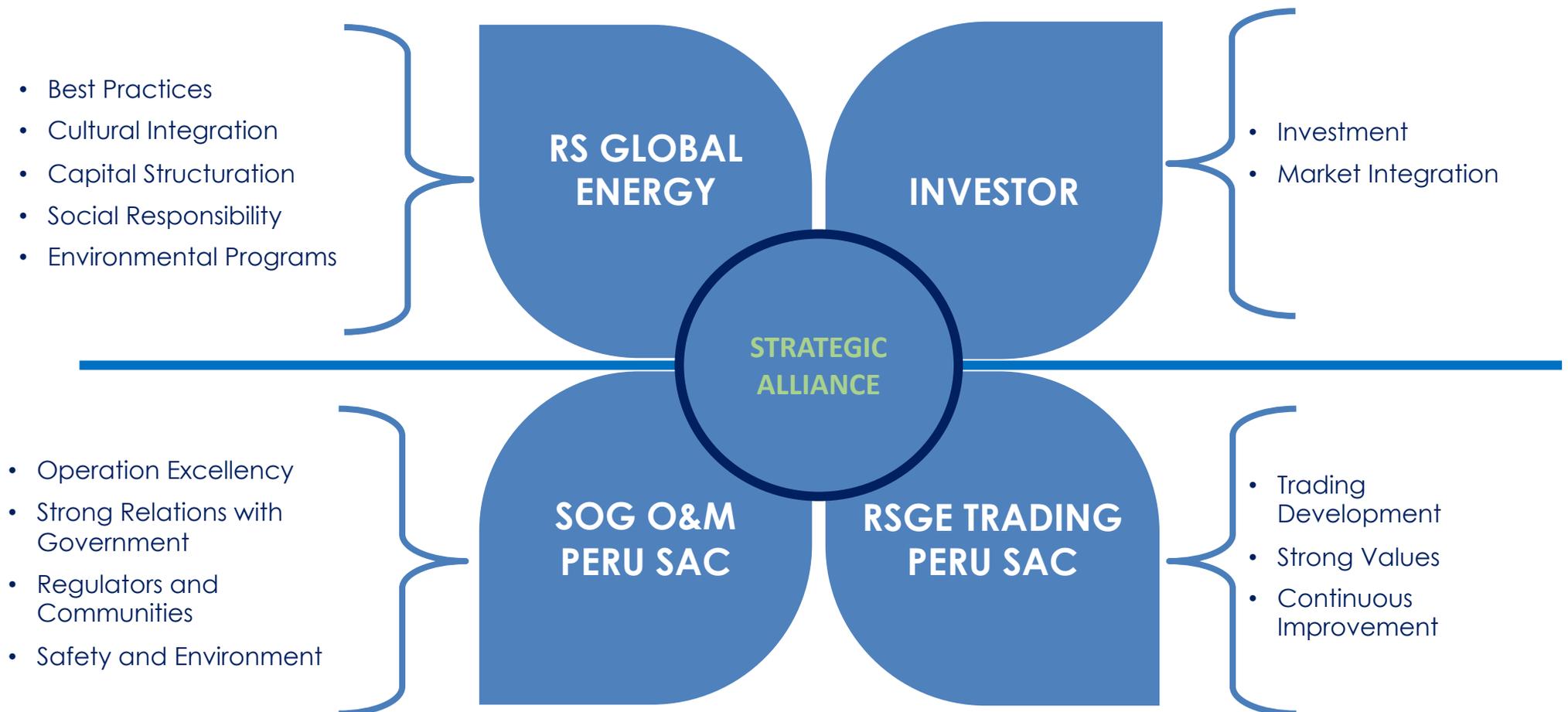
- EPC's and O&M;
- Operation & Management (O&M)
- OPEX Management;
- Research Authorizations and User's Guides
- Mining and Small-Scale Mining Permits
- License Registrations
- Projects Elaboration
- Mining Rights Management and Survey of Processes

RS GLOBAL ENERGY FZE UAE

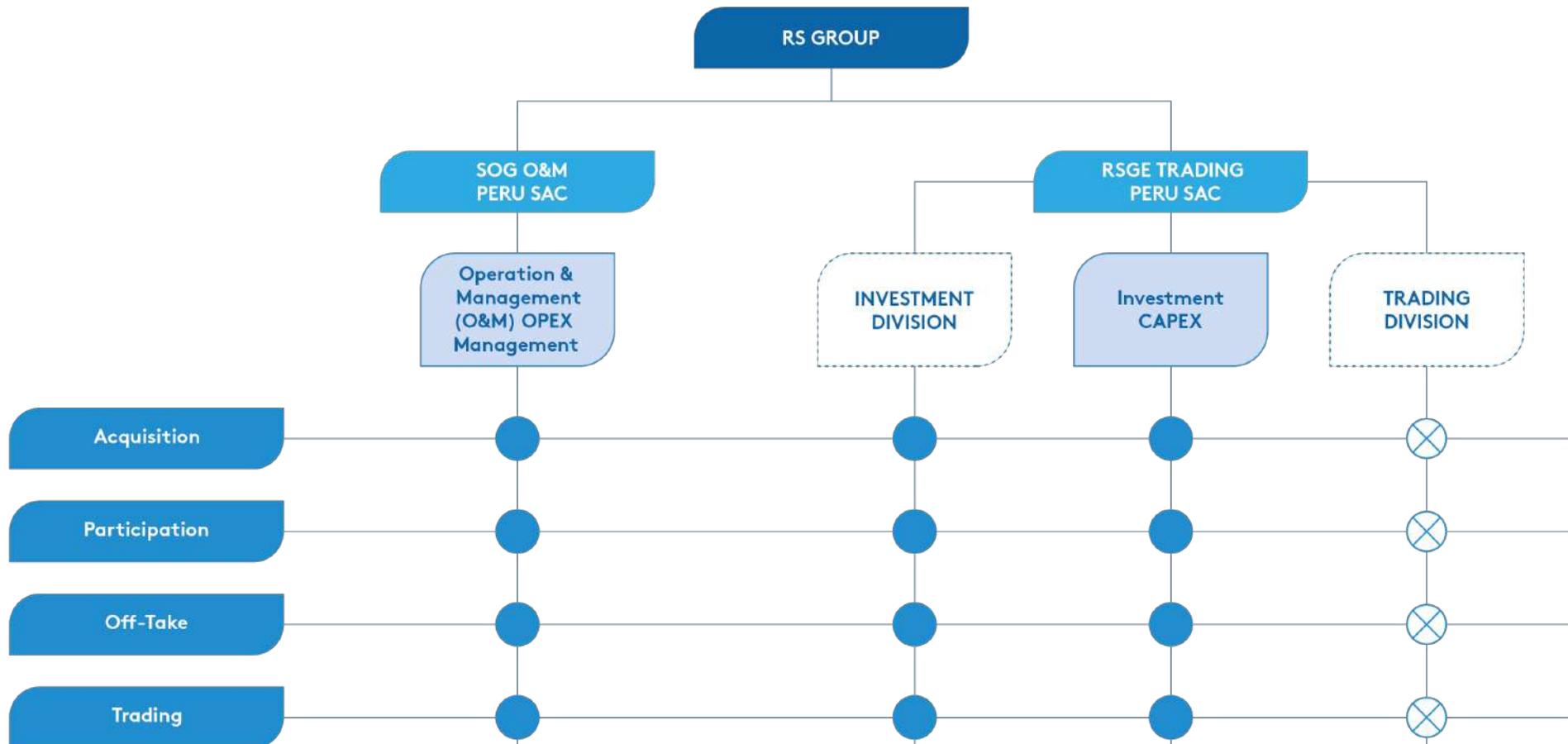
- Investment decision
- Type of investment
- Source of investment
- Global trading decisions



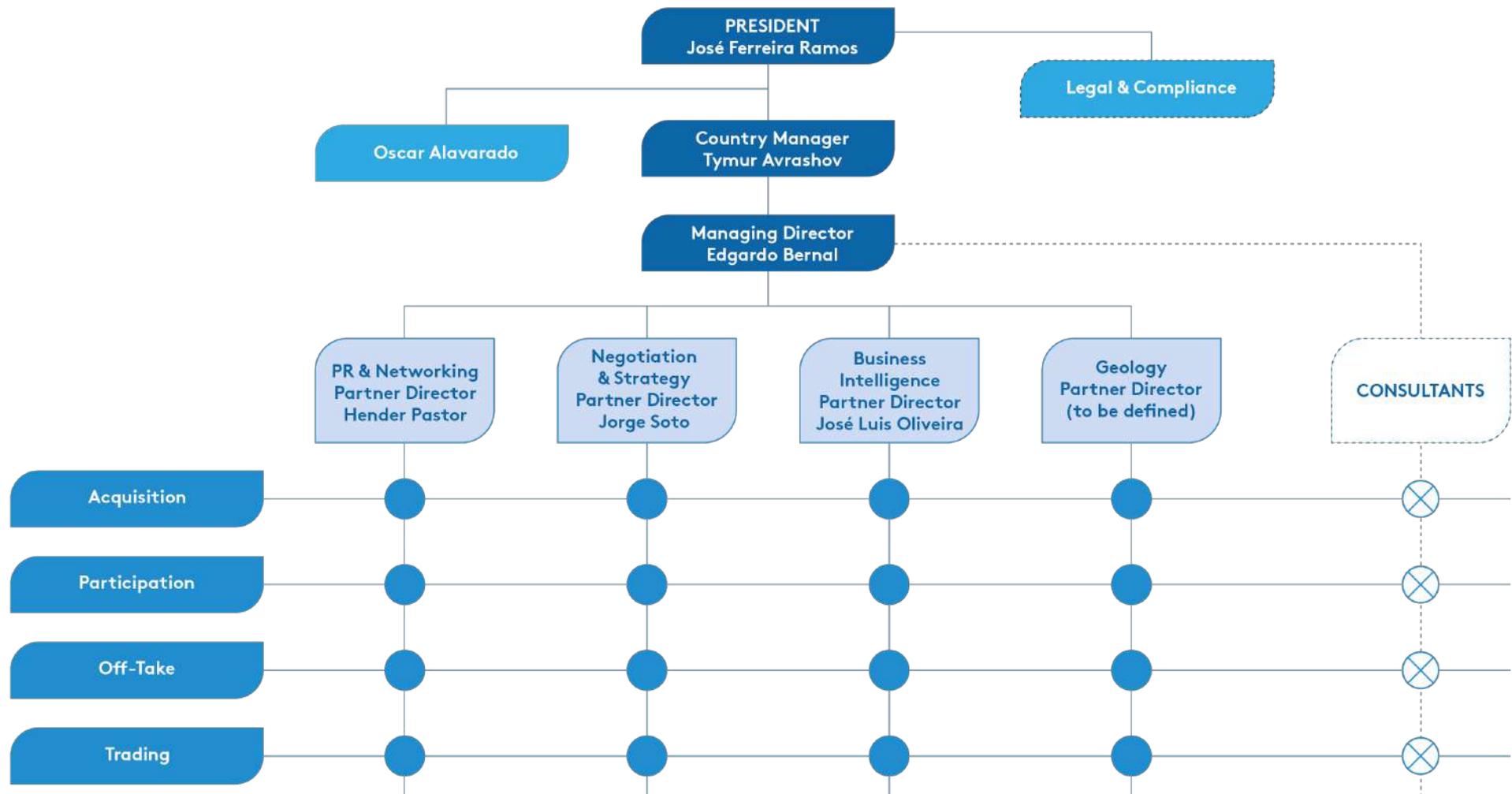
STRATEGIC ALLIANCE



CORPORATE GOVERNANCE MATRIX

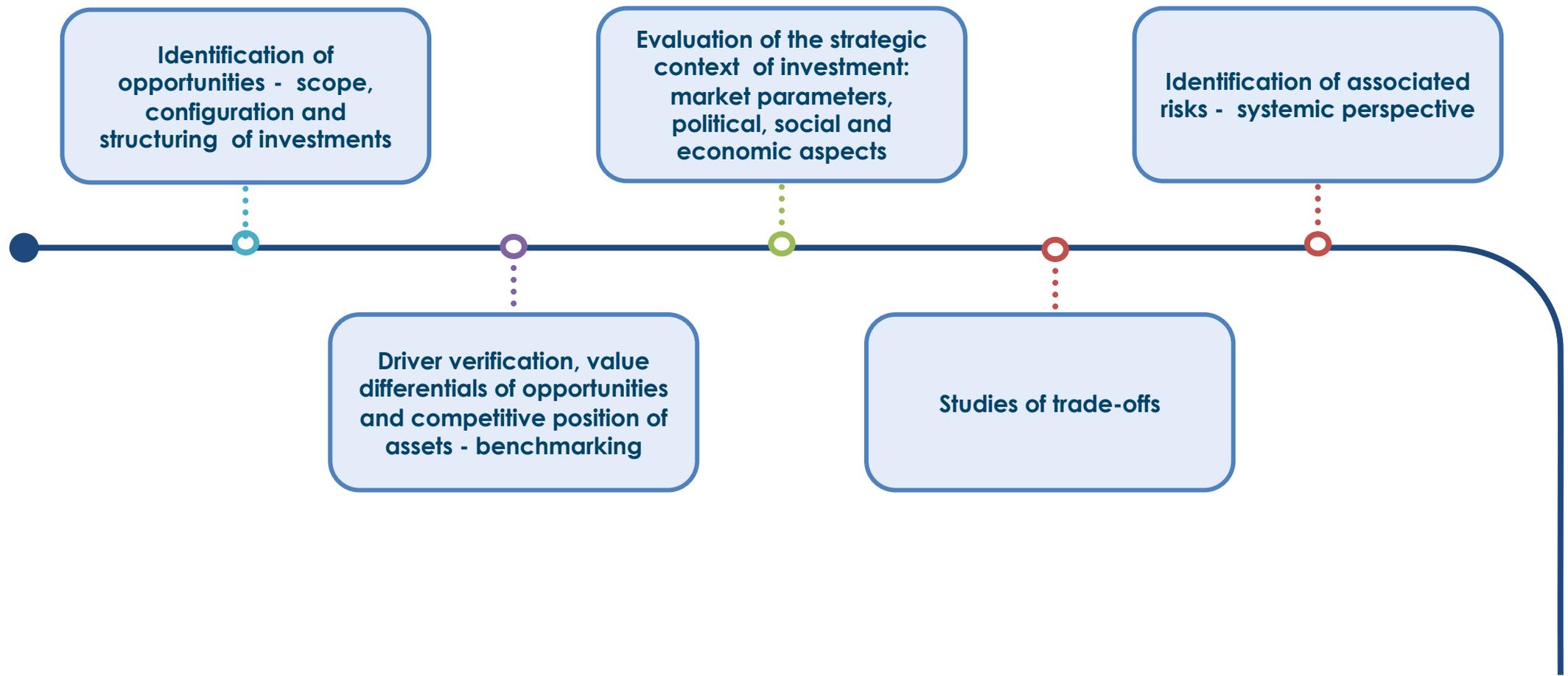


CORPORATE ORGANIZATION CHART



Mining Assets Development & Structuration

PHASE I: Prospecting and Due-Diligence



Mining Assets Development & Structuration

PHASE II Acquisition and Investment

Definition of practices and socio- environmental actions

Identification and organization of resources, including histograms of labor for construction, main equipment, utilities, etc

Strategy and approach of implementation and implementation of the investment

Instruction and monitoring for negotiation and purchase

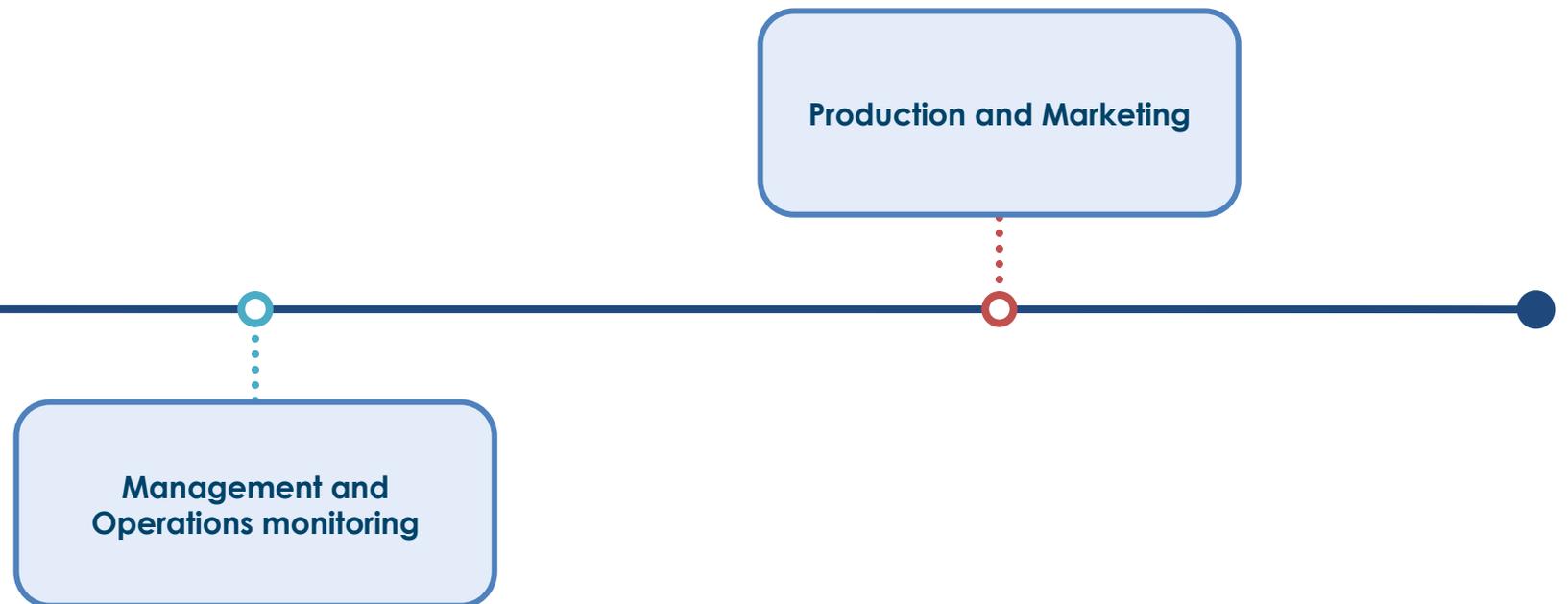
Definition of goals and indicators

Investment Plan: permissions, logistics, schedule of project implementation, acquisitions, supplies, construction, commissioning, pre-operation

Work Plan: key elements for the Investment Plan strategy and investment risk control action plan

Mining Assets Development & Structuration

PHASE III Management Monitoring



EVALUATION PROCESS

Goals

Determine goals of the projects and scope of the evaluation.

Report

Write a final report with actionable recommendations



Plan

Create evaluation plan

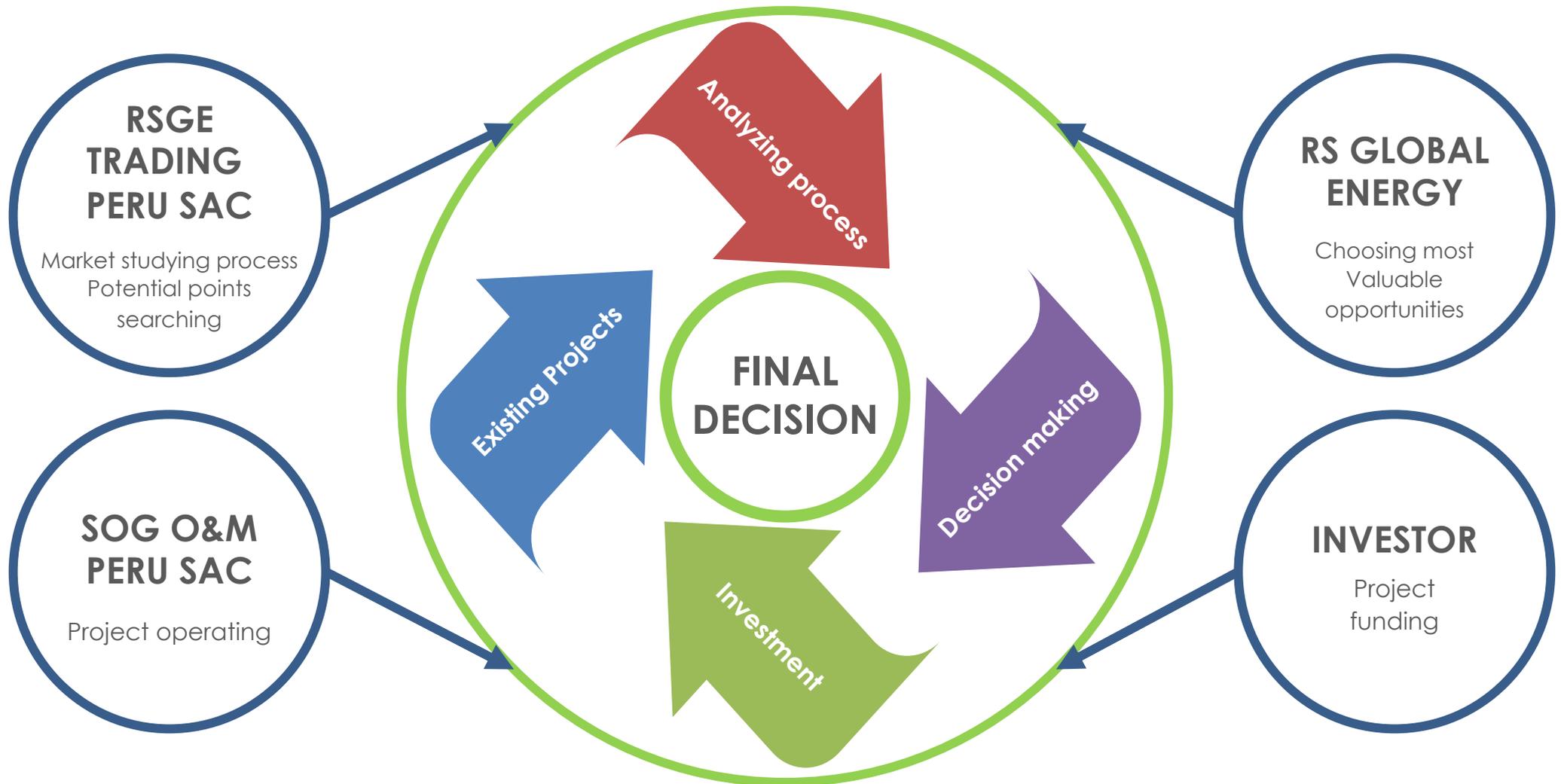
Data

Collect data based on the evaluation plan

Conduction

Conduct qualitative and quantitative analyses

DECISION PROCESS



Peru Country Overview

Peru is one of the most attractive destinations for mining investments in the world due to:

Huge Mineral Reserves

Copper

Rhenium

Silver

Tin

Bismuth

Zinc

Lead

Boron

Arsenic Trioxide

Gold

Molybdenum

Easily available land registry and geological information

Legal framework that promotes private investment

Recognition in global mining companies

Government has privatized approximately 220 state owned companies through JVs in mining and the petroleum sectors

Main Mining Units In Operation

Through its geological endowment and legal framework, Peru promotes private investment

Peru is The World's

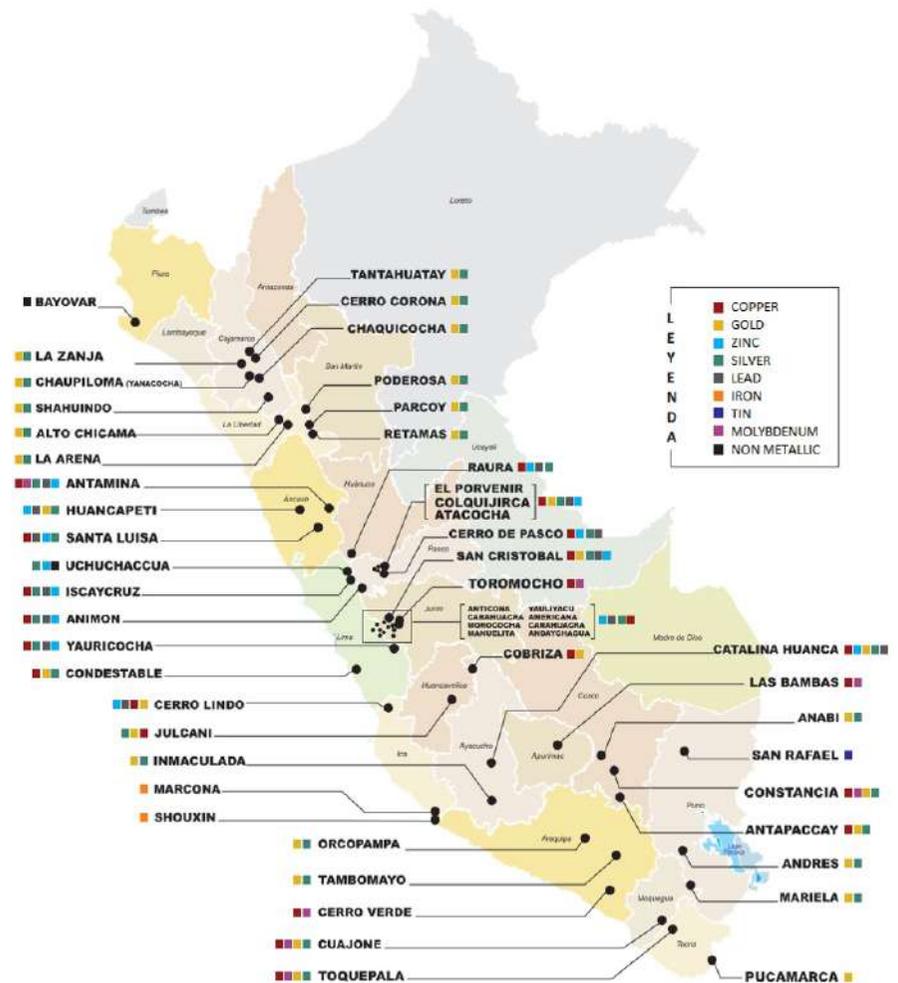
Second Largest Producer of Copper and Silver

Third Largest Producer of Zinc

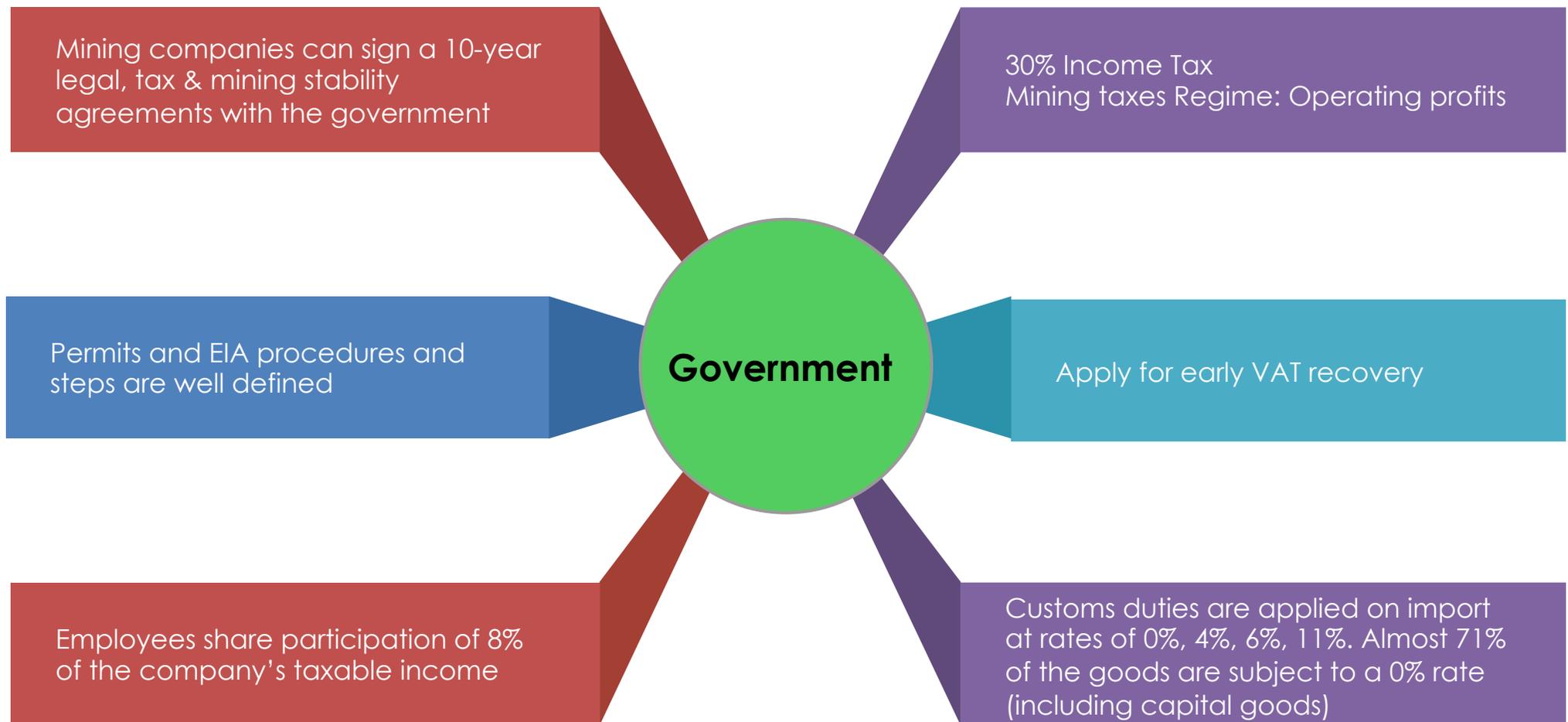
Fourth Largest Producer of Tin and Molybdenum

Eighth Largest Producer of Other Precious Metals

MAIN MINING UNITS IN OPERATION



Tax and Other incentives



Tax and Other incentives

Dividends and any other type of profit distributions are subject to 5% withholding tax

No differential treatment between Peruvian and Foreign Investors

Restriction on use of tax losses: 4 years or indefinite but up to 50% of net taxable income

Under the mining regime, local mining companies can sign stability contracts and guarantees and investment promotion measures that guarantee the following for 10, 12 or 15 years

Indirect Taxation: Royalties & Contributions

VAT 18%

- Sales of movable goods within Peru
- Rendering or using services within Peru
- Import of goods

VAT on Exports – 0%

- VAT Refund
- Early VAT Recovery
- Definitive VAT recovery
- Exported VAT reimbursement

VAT recovery regime is for the holders of mining concessions that have not begun operations and are in the exploration stage

Royalties

Mining Royalty Regional Government:
1%-12% *minimum 1% of sales*

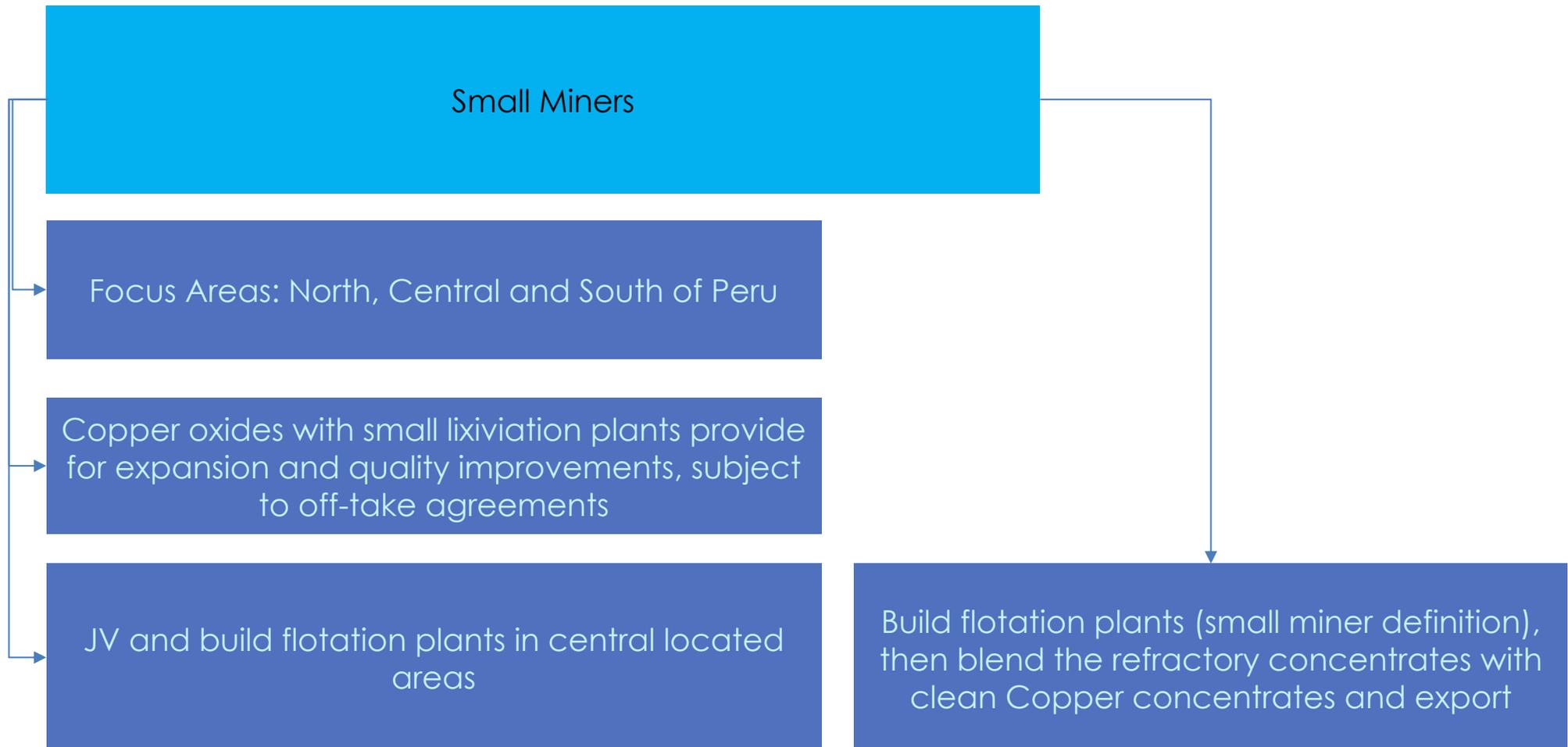
Special Mining Tax Central Government:
2% - 8.4%

Special Mining Contribution (Companies with tax stability)
4%-13.12%

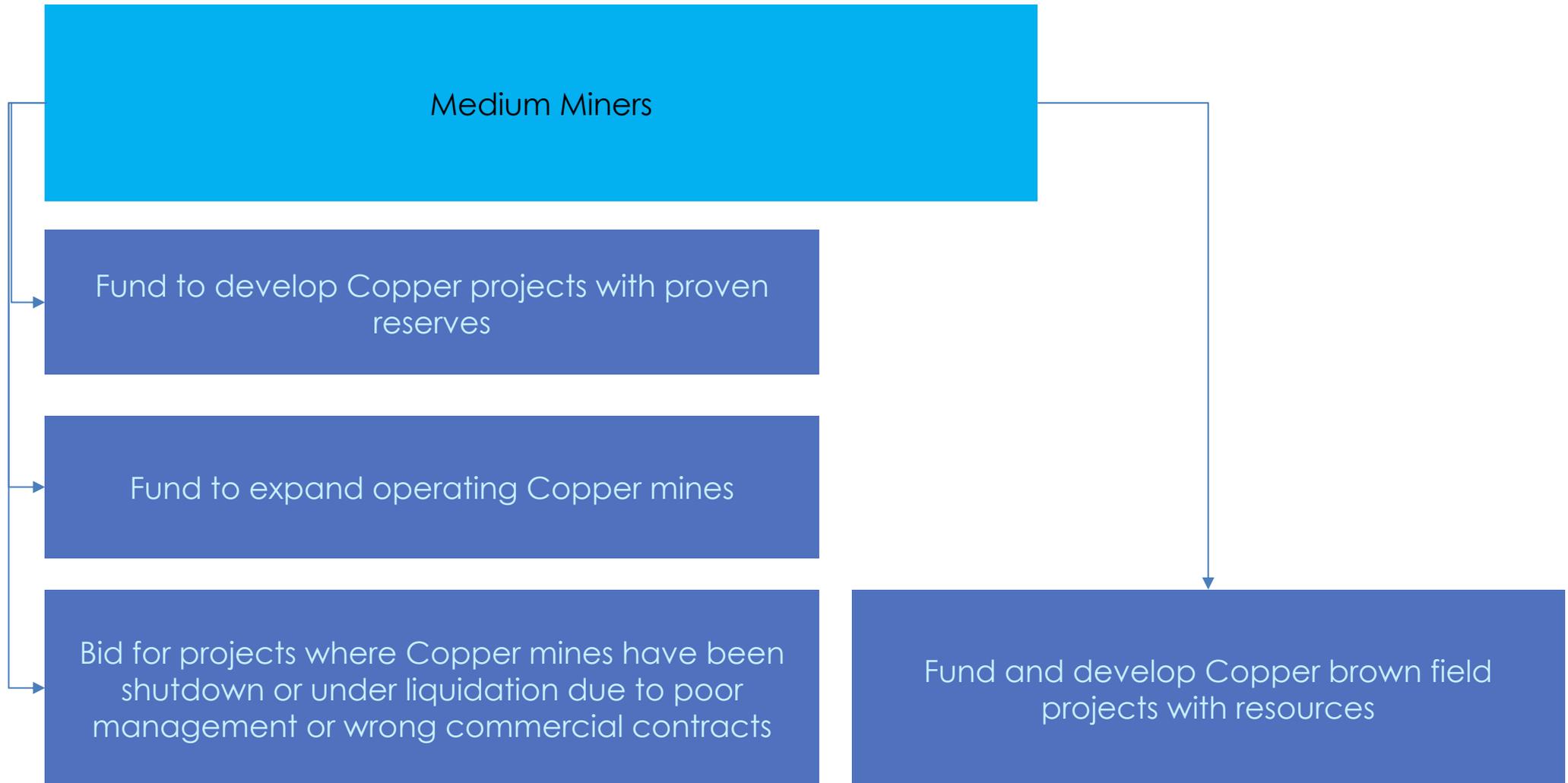
Contribution to OSINERGMIN: 0.14% - The rate is calculated on the value of the monthly invoicing minus VAT

Contribution to OEFA: 0.10% - The rate is calculated on the value of the monthly invoicing minus VAT

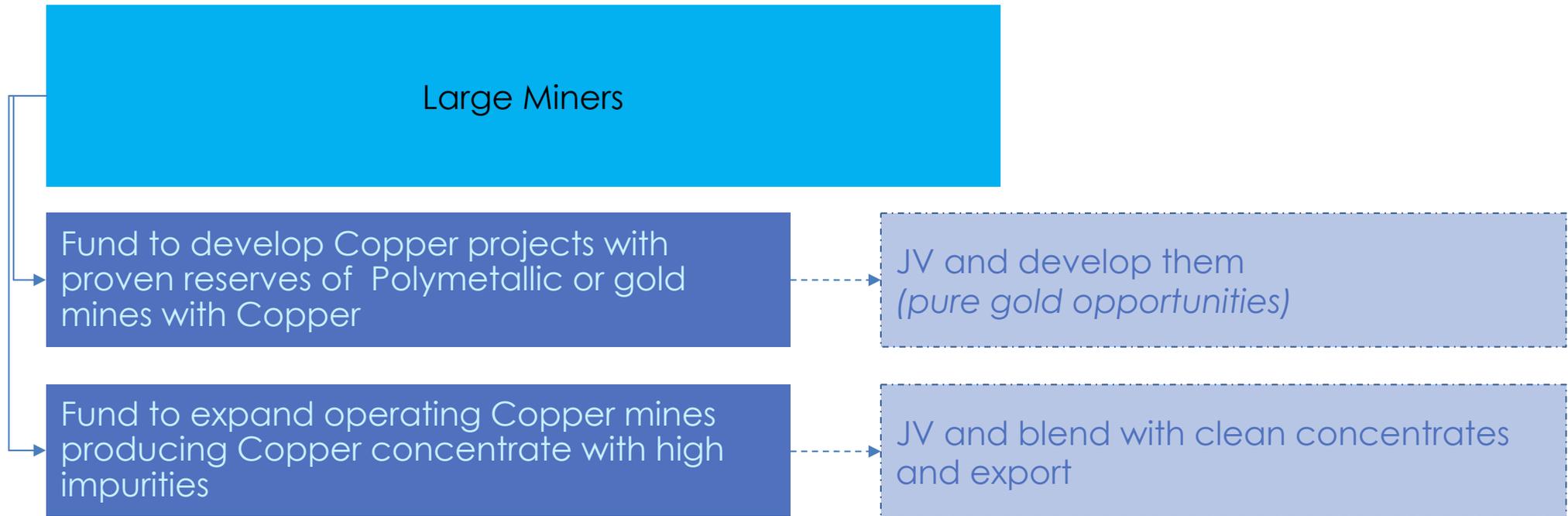
Leveraging Opportunities



Leveraging Opportunities



Leveraging Opportunities



Vertical Integrations

Upstream and Downstream Opportunities

The lack of flotation plants in the whole country means the ore must be trucked hundreds if not thousands of kms from the nearest flotation plant

Study, locate, and build flotation plant(s) with enough operating mines and/or mines with enough reserves

More importantly, assure that the community agrees with the new construction of the new plant

Global Approach; Local Applications

Build low-costs small flotation plants in areas with potential
Foster UG increase production through battery driven equipment

Improve recoveries and quality of concentrate by providing technical assistance.

Low-cost Transforming Of Stockpile Tailings Into Saleable Concentrates Is At The Core Of Our Approach

PROJECT PIPELINE

Focus

Concentration on most valuable projects.
Preparing for funding

Decision making

Common decision to forward filtered
projects to upper level.
7 investment and 4 trading projects.

Studying process

Deep analysis of the potential opportunities.
19 projects are on the process of studying.

Existing projects

Meetings with potential partners / sellers / clients
Filtering the potential interesting projects. It was
proposed more than 35 projects.



PERU INVESTMENT PROJECTS

INVESTMENT PROJECTS

Project 01

- **Location:** Department of Huancavelica.
- **Altitude:** 2,280 msnm.
- **Type:** Skarn (chalcopyrita, pirrotita, horblenda, magnetita, etc).
- **Commoditie:** Copper
- **Type of Investment:** Aquisition (direct acquisition or auction)
- **Size of Mine:** Middle / 9,000 tons/day plant capacity
- **Type of Mine:** Underground fully mecanized
- **Operational Status:** +15 years operating at 6,500 tons/day;
- **Reserves:** 10.4 Mt at 1.0% Cu and 17.3g/t Ag.
- **Reserves:** In 2018, SRK made a full geology report, DD, to confirm reserves/resources and LOM.
- **Permits:** Fully permitted.
- **Quality of Information:** Full Data Room (detailed information of reserves and resources, plant, financials, permits, etc).
- High potential to increase reserves and resources. Only 5 (4,700 Hectares) of 58 concessions (51,878 Hectares) are currently in explotación.



INVESTMENT PROJECTS

Project 02

- **Location:** Pasco
- **Type of Investment:** Partnership
- **Size of Mine:** PPM / 350 tons/day.
- **Type of Mine:** Underground
- **Operational Status:** Currently Operating; processing their mineral ore in third party flotation plant.
- **Products:** Pb, Cu, Zn concentrates
- **Reserves:** 100,000 MT **Size**@15 Oz/ton (increasing presence of copper and gold)
- **Mineral & Concentrate grades:**
 Mineral grades:
 Ag: 15-18 Oz, Pb: 2.5-3%, Zn: 1.8-2.2%, Sb: 1.0-1.5%
 Concentrate grades:
 Ag: 280-320 Oz, Pb: 42-46%, Zn: 42-47%, Sb: 22-27%
- **Permits:** fully permitted.
- **Quality of Information:** Good Data Room
- **Management Team:** Very Good; +20 years experience.



INVESTMENT PROJECTS

Project 04

- **Location:** Junin
- **Type of Investment:** Partnership
- **Size of Mine:** PPM / 2,000 tons/day.
- **Type of Mine:** Underground
- **Operational Status:** Currently Operating with own flotation plant.
- **Products:** 3 concentrates
- **Reserves:** 6,100,000 TMS (Codiciada, Manuelita, Alapampa)
- **Mineral grades:**
Cu: 0.38%; 1.40% Pb; 3.55 Zn; 5.52 Oz Ag
- **Permits:** Fully permitted.
- **Quality of Information:** Good



INVESTMENT PROJECTS

Project 05

- **Location:** Trujillo
- **Type of Investment:** Partnership
- **Size of Mine:** PPM / 350 tons/day.
- **Type of Mine:** Underground
- **Operational Status:** Currently Operating.
- **Commodities:** Au, Ag
- **Reserves:** Pre-Feasibility Study (PFS) according to NI-43101 standard.
- **Mineral resources:** 303k Oz AuEq in Oxide (82% Measured + Indicated, and 18% Inferred), and 32k Oz AuEq in Sulfide.
- Total: 2.5 million ounces of Au Eq, 40% oxides and 60% sulphides (depth increase)
- **Permits:** Fully permitted.
- **Quality of Information:** Good



INVESTMENT PROJECTS

Project 06

- **Location:** Chincha and Pisco Provinces
- **Type of Investment:** Partnership
- **Size of Mine:** PPM / 350 tons/day
- **Type of Mine:** Underground
- **Operational status:** operating @50 tons/day without own flotation plant.
- **Commodities:** Cu, Ag, Au
- **Reserves:** 5'069,377 Mt @ 2.14% according to the JORC code.



INVESTMENT PROJECTS

Project 07

- **Location:** Lima
- **Type of Investment:** Partnership
- **Size of Mine:** PPM / 350 tons/day.
- **Type of Mine:** Underground
- **Operational Status:** Currently Operating.
- **Commodities:** Cu
- **Reserves:** 3,865 million tons.



PERU TRADING PROJECTS

TRADING PROJECTS

Copper

- **Local trading company, located in Trujillo**, main player at the northern región of Perú, +15 years experience in the copper concentrate trading business.
- Has their **own infrastructure** (warehouses, plant, laboratory, etc.)
- Partnership / Joint Venture structure to be defined.
- JV will purchase copper concéntrate from the company and from other small local producers.
- The company team have business relationships with small producers and collectors from the northern part of Perú.
- **Quantity:** 1,000 mt/month for the 1st stage
- **Quality:** Cu 78%; Ag, 78%; Au 78%; Refinement \$30/tn
- Because JV is buying local, the company will be entitled to get back the IGV in 3-4 months.
- RSGE Peru will be able to invest in a new or 2nd hand flotation plant.



TRADING PROJECTS

Iron Ore

- **Local Trading Company with Crashing Plant**
- **Plant Capacity:** 3,000 Tons/Day
- **Experience:** +15 years
- **Location:** strategic location 48 km to Paracas Port (Terminal Portuario Grnl San Martin)
- **Quality:** >62% guaranteed; 65% also possible.
- **Management Team:** YES (Good)
- **Infrastructure:** plant, warehouses, trucks, heavy machinery, etc.



HUMAN CAPITAL PERU – Directors Profile



EDGARDO BERNAL Managing Director

Professional with MBA (USA) with more than 18 years of experience in charge of development, negotiation and construction of real estate projects; as well as in financial analysis, economic evaluation, commercialization, operational management and negotiation of mining projects in companies in the financial, extractive, services and commercial sectors. Bearer of analytical and planning capacity, resilience and orientation to results and objectives. Evaluation and proposal of creative business solutions Leadership of multidisciplinary teams Strategic planning with a high degree of productivity Resolving ability and persuasive communication.

Professional Experience:

TALEX COMMODITIES CAPITAL (Lima, Perú)

Boutique investment bank, based in the United Kingdom, focused on mining projects with operations in the world for projects with capital requirements between USD 10 million to USD 150 million. www.talexcommodities.com.

Director Latin American region 2017-to date

Identify gold, silver and polymetallic mining projects in Latin America (post-exploration stage) and with a capital need greater than USD 10 million. Evaluate and present the most important projects to the London Board of Directors for acceptance. Fill in the mining companies and projects that were accepted in London. Define the financing of portfolio projects. Coordinate with the Directorate and negotiate with investors the financing of mining projects.

- Identify and examine more than 40 gold, silver and polymetallic mining projects in Peru, Chile, Ecuador, Bolivia, Brazil and Colombia with a total capital requirement of more than USD 250 million.
- Negotiation and final procedures for the financing with the creditors of the mining-metallurgical company DoeRun Peru for the purchase for USD 70 million of the Cobriza mine in Huancavelica (up to 4 potential interested parties abroad).
- Evaluation as part of the negotiating team for the copper sulfate project in Antaquirá (Bolivia), where the directors of Talex acted as part of the investment group, which generated other investment options and learn more about the Bolivian mining business ecosystem.

HUMAN CAPITAL PERU – Directors Profile

EDGARDO BERNAL

Managing Director

- Finalize an investment and operation agreement in February 2019 for a PPM (small mining producer) mining project in the central highlands, a mineral trading project in May 2019 and a 10-year operation contract in July 2020.

GRUPO CREA CONSTRUCTION AND REAL ESTATE (Lima, Perú)

Peruvian company that develops multifamily real estate projects for segments A and AB in Lima and province; with an experience of +14 years and a management of USD 25 million in various projects. www.grupocreaperu.com.

Managing Director 2003-2017

Development of multi-family real estate projects. Negotiation with investors and land owners. Structuring for the financing of real estate projects and negotiating financial conditions with investors and banks. Design the marketing strategy and ensure compliance with the pre-sales and projected sales. Oversee sales management and advertising and marketing spending. Direct the construction and progress of the buildings.

- Management of personal investment and that of third parties for a value greater than USD 25 million for real estate projects, which meant obtaining an approximate annual return of 15% (period 2003-2017).
- Return On Investment greater than 40% in the vast majority of real estate projects executed in Lima.
- Develop 12 multi-family residential real estate projects with more than 100 apartments delivered.
- Rescue 2 projects 100% pre-sold during 2008 crisis with a significant exchange rate higher than that generated by the economic crisis during that year.

CONTINENTAL MINING CORP. (Lima, Perú)

Joint Venture created for the exploration and exploitation of polymetallic mines in the province of Ancash. Investment estimated at USD 250,000, estimated monthly sales of USD 600,000 after maturity.

Managing Director | Founding partner 2005-2008

HUMAN CAPITAL PERU – Directors Profile

EDGARDO BERNAL

Managing Director

Lead the mining exploration phase to confirm the viability of the projected investment. Direct the exploitation of minerals to produce campaigns of more than 700 tons per month. Carry out the exploitation of 800 tons of minerals per month from the Cristina-Úrsula mine and coordinate logistics. Negotiate the price and payment with mining producers in the south of the country. Coordinate the logistics, purchase and after-sales of copper concentrate managing operational cash flow.

- Traded more than 4000 tons of copper concentrate in the southern region of the country (Ica, Ayacucho and Huancavelica) through agreements with artisanal mining producers and with Trafigura.
- Start up the exploration and exploitation of the Huapula polymetallic mine (Caraz, Ancash) achieving a sustained production of 5 campaigns of more than 700 tons of minerals in each one.
- Successfully implement the opening and production of the Cristina-Úrsula polymetallic mine (Caraz, Ancash) and demonstrate that the mineral resources have sufficient commercial value for the mine to be exploited regularly.

TELEFÓNICA (Lima, Perú)

Spanish multinational telecommunications company with presence in 14 countries. It has had operations in Peru for 27 years and a turnover of USD 1827 million in 2020. www.telefonica.com.pe.

Strategy, regulations and commercial support supervisor TUP (public use telephony) 2002-2003

Design and implement commercial campaigns for the 147 prepaid card and maintain a market share of more than 95%.

Improve and standardize the monitoring methodology for the competition. Support in the preparation of the strategic plan of the TUP Management. Lead the IT team of the TUP Management for the implementation of the ERP software of Telefónica Latin America.

Analyst of the Head of Marketing and Sales TUP (public use telephony) 2000-2002

Preparation of projects to improve the quality of internal and external customer service in the After-Sales and Collections Areas. Coordination and implementation of IT developments of the Commercial Area ensuring its application for specific requirements. Collaboration for the design and implementation of new TUP products.

HUMAN CAPITAL PERU – Directors Profile



JORGE SOTO

Negotiation & Strategy Director

Industrial Engineer from Lima University, with chemistry studies, extensive experience in research and development of chemical specialties and inventor. Involved in the participation and/or advisory services to national and foreign companies, introduction to new projects, consolidation and organizational development. Equipped with personal and interinstitutional, private and government relations at all levels.

Current Professional Activities:

Director and shareholder at South American Minerals of Peru, a company dedicated to the extraction and processing of copper ore from the southern region of Perú.

Also a representative and the majority shareholder of T-Rex Engineering Solutions LatinAmerica Sac, a company dedicated to the construction of roads, buildings and oil platforms.

BUSINESS DEVELOPMENT:

OZONOTEK Sac Controlling Shareholder 2020 Development and assembly of Stabilized Ozonated Water equipment

Petrocompany Sac CFO 2020 Oil wholesaler

Hidropetróleos Sac Partner/CFO 2020 Oil retailer

Kuadrat Sac Partner/Deputy General Manager 2018 to date, Development and construction

HPC inmobiliaria (España) Property purchase advice Development and construction 2018 to date

Delko Inmobiliaria Sac Shareholder/Director 2015 to date

Development and construction

Bio Industrial Amazonas Sac Controlling Shareholder 2010 to 2018

Hatchery and export of ornamental fish

Delko Industrial Sac Controlling Shareholder/ General Manager 1992 to date

Manufacturing of chemical additives and polymers for construction and mining

Centroquímica Sac Partner 1992 through 2020

Import of chemical Products for mining and textile

HUMAN CAPITAL PERU – Directors Profile



JOSE LUIS OLIVEIRA Business Intelligence Director

Executive with more than 17 years of experience in top-level companies. I have experience and leadership in projects related to internal control, process improvement, diagnosis and evaluation of financial and operational risks, cost management, corporate governance and internal audit. Oriented to achieve results and customer satisfaction, with ability to work in teams under high levels of demand and ability to establish strong interpersonal relationships at all levels. My experience was focus on the following industries: mining, oil & gas, construction, banking and manufacturing.

PROFESSIONAL BACKGROUND

BUSINESS ADVISORY PERÚ (BAP)

Consulting firm focused to meeting the needs of “solutions to grow” and accompany our clients to the success on their organizations.

Managing Director (Founder) 2015 – today

Managing the projects in three service lines, Compliance, Risk & Internal Control and Consulting.

Clients attended: WPP Group, Wunderman, Kantar Ibope Perú, Circus Grey Perú, Kantar Latam (Brasil, Costa Rica, Panamá y Guatemala), El Comercio Group (Prensmart), Centenario Group, Aurex, Proser V&V, IPD, Ocean Resources (China), Talex Commodities (UK).

- Compliance Services: Money Laundering, Fraud Prevention and Anti-corruption, implementation of local regulations (SBS, Digemid, SMV, UIF), SOX, FCPA.
- Risk & Internal Control Services: i) Internal Control: COSO, Corporate Governance, Risk Assessment; ii) Internal Audit: Audit Committee Implementation, Audit annual Plan, Delivery and Monitor, IA cost review and improvement.
- Consulting Services: Organizational redesign, Strategic and Operational Plan, Process Improvement, Operational Excellence, Project evaluation for the Mining sector.

GRAÑA Y MONTERO GROUP

Group with more than 81 years of experience providing engineering services and infrastructure by 26 companies (major) with presence in 8 Latin American countries and with more than 750 million USD in 2014 sales.

HUMAN CAPITAL PERU – Directors Profile

JOSE LUIS OLIVEIRA

Business Intelligence Director

Corporate SOX Head 2013 - 2015

Head of the founding team of the area of Corporate Audit SOX Grana y Montero Group.

- Implementation of the system of internal control over financial reporting with scope 230 management processes over 48 companies for annual SEC Reporting (ICFR).
- Developing and implementing the standards of the SEC, PCAOB and SOX 404 on entity level processes and transactional level.
- Redesign 110 processes with control deficiencies.
- Training and sensitization of senior executives on policies and regulatory requirements.
- Test key controls that directly impact on the fairness of the financial information.

ACP GROUP

Peruvian with has 45 years of experience promoting the development of entrepreneurs and micro entrepreneurs and small businesses Latam. It has a presence in 11 countries and 23 companies. The main companies of the group are: Mibanco Bank, Protecta (insurance Company), Secura (Broker), Conecta (call center).

Internal Audit Corporate Supervisor 2011 – 2013

Founder member of the Internal Audit area, responsible to delivery and monitor the IA annual plan. Implementation of the internal control culture, risk prevention, developing of auditing standards to all group companies.

- Review of the quarterly and annual financial reports (consolidation) sent to the local regulator (SBS).
- Participation in the presentation to the Audit Committee and Directories.
- Lead and perform audit visits scheduled and unscheduled in 9 Group companies in Peru.
- Remediation of 90 opportunities for improvement on key processes such as budgeting, purchasing, inventory, accounting, fixed assets, financial consolidation, human resources, and commercial.

HUMAN CAPITAL PERU – Directors Profile

JOSE LUIS OLIVEIRA

Business Intelligence Director

Global Consultancy Firm with a presence in 140 countries with more than 50 years of experience in Peru and around 1,000 top professionals.

Senior Consultant - Advisory Division / Assurance 2003 – 2011

Execution of projects related to due diligence, internal control, risk assessment, control and cost management, internal audit, process improvement and redesign, performance improvement, investigations, reviews anti-fraud and corporate mergers.

Clients attended:

Mining: Minera Barrick, Minera Gold Fields La Cima Southern Peru Copper Corporation,

Oil & Gas / Energy: BPZ Oil & Gas, Ashmore Energy – Promigas, Emerson Network Power, InterOil, North Oil.

Banking: HSBC, Citibank

HUMAN CAPITAL PERU – Directors Profile



OSCAR ALVARADO

Technical Consultant

A technically sound, results-oriented and socially-focused mining executive (holding an MBA and MSc in Mineral Economics) with a proven track record of increasing shareholder value by providing leadership in the mine operations and administration as well as overseeing the strategic growth of the company based on social inclusion principles.

Extensive experience and knowledge across core key disciplines, such as open pit operations in a union & non-union environment, strategic and tactical business plans, finance/accounting, administrative, commercial, HR and communications, provide me with an excellent platform to successfully build and manage mines as well as delivering on safety, budget and financial objectives.

Vast knowledge of mine operations and processing methods, coupled with my management skills in administration, leadership, commercial and planning would ensure successful implementation of company strategic business plans through effective business planning and achieving high levels of safety through leadership, individual accountability and employee engagement.

PROFESSIONAL EXPERIENCE

SPMP Oman, Aurubis Germany, RBL-REI & Aramine France, Bactech Canada July 2019 - Present

Technical Advisor

Cronimet Mining AG, Karlsruhe, Germany 2014 – July 2019

Zangezur Copper Molybdenum Combine (ZCMC), Yerevan, Armenian

Director Operations & Technical

Responsibilities: Complete management responsibilities for all stages of production for: (-) Zangezur

18 Mtpa (expanding to 22 Mtpa June 2015) Cu– Moly open pit and mill in the Kadjaran region, Armenia

(-) Thaba 0.3 Mtpa chrome-platinum UG mines in the Bushveld Complex, South Africa.

Designed and implemented a Pit & Mill optimization programs resulting in an increase of Cu metal contained in Cu concentrate from 36,000 to 55,000 Mt at ZCMC with Golder assistance.

HUMAN CAPITAL PERU – Directors Profile

OSCAR ALVARADO

Technical Consultant

Konkola Copper Mine KCM (Member of Vedanta Resources), Chingola, Zambia 2012 - 2014

Executive Director Technical & Projects

Responsibilities: Overseeing the technical aspects of the (-) Konkola UG and Nchanga O/P & UG mines (-) 300,000 Mt Cu Direct Blister Furnace (DBF) Outokumpu Smelter & Refinery (-) 75,000 Mt Cu Tailing Leaching Plant (TLP). Managing the company projects, (-) Commissioning the multibillion dollar 7.5 Mtpa Konkola Deep Mining Project (KDMP) (-) Modernization & expansions of 2 UG & 2 O/P mines (-) Commissioning of three new concentrators (7, 6 & 3 Mtpa).

Achievements: Designed a trackless access starting from the bottom of a nearby open pit to be able to mine the 75 Mt UOB ore body. A further extension of this access will allow mucking the +100 Mt @ 2.2 % Cu already caved-in UOB (Aristotle project). The accelerated mining of the UOB ore and the mucking of the caved-in UOB ore will increase KCM total production by 50,000 Mt Cu in 12 months.

Hochschild Mining Plc. Lima, Peru 2010 - 2012

Technical Director

Responsibilities: Achieving technical excellence at five producing narrow mines gold & silver plants located in Peru and Argentina as well as overseeing the development of four new mining projects located in Peru (including the 3,000 tpd \$300M CAPEX Inmaculada project). Defining corporate strategies for acquisitions. Advise CEO/Chairman on M&A and take-overs.

Kakazkhys Plc. Almaty, Republic of Kazakhstan 2007-2010

Technical Director & Projects

Responsibilities: Overseeing the technical aspects of the operations as well as the development of the 3 new mining projects and refurbishment/modernization/ expansions of existing 16 UG and 4 O/P mines, 10 concentrators, two Cu smelter/refineries and one Zn hydro met plant. (Capex 2009 \$0.8B, 2010 \$1.5B). Achievements: Initiated, negotiated and obtained an unsecured \$2.7B loan facility from the China Development Bank to cover the development of the \$2.0B Bozhakol 22 MT annual ore copper-gold project and the remaining \$0.7B for the development of four mid-sized copper-gold projects (one of them is the Bozymchak Cu-Au project in Kyrgyzstan). Led group negotiated a JV with the Chinese Jinchuan Group for the development of the \$1.5 B Aktogay project including open pit mine, SX/EW and concentrator plant in Kazakhstan.

HUMAN CAPITAL PERU – Directors Profile

OSCAR ALVARADO

Technical Consultant

The World Bank/IFC, Washington, DC USA 2005 - 2007

Senior Mining Engineer (Mining, Oil & Energy Dept)

Responsibilities: Coordinate all technical, engineering, design, economic and financial stages for investments in emerging market mining and smelter projects worldwide. Monitor multi-billion investment portfolios and conduct due diligence. Evaluate new mining and smelter projects as well as provide advisory services in industry privatisation and restructuring.

Achievements: Leading team that made the largest investment in the Bank mining division's history (Lonmin: \$150M loan and \$50M equity). Received a letter of Acknowledgment for the contribution to solve the technical/financial challenges facing the Heric (a JV with Mitsubishi) Ferro- chrome mine and processing plant in Rustenburg, South Africa.

BHP-Billiton/WMC Resources Adelaide, South Australia 2004 - 2005

Study Manager Olympic Dam Expansion

Responsibilities: Co-ordinated all the geological, geotechnical, design, engineering and economic/ financial stages for the 335 Mtpa open pit option of the \$A50 M Olympic Dam pre-feasibility study. Evaluation of hydro & pyro metallurgical options as well as supporting infrastructure required. This study evaluated an expansion, which will have an estimated output of 750,000 Mt of refined copper and 30,000 Mt of uranium per year from a +\$25 Billion investment. Leading technical team that evaluated the Corridor Sands project in Mozambique in Africa. Achievements: Introduced a breakthrough smelter concept leading to the development of unique business opportunities for the WMC Nickel business unit, which resulted in a significant increase in revenue as well as a substantial reduction in operating cost.

HUMAN CAPITAL PERU – Directors Profile

OSCAR ALVARADO

Technical Consultant

Ok Tedi Mine, Tabubil, Western Province, Papua New Guinea 2003 - 2004

Executive Manager PLATS (Operations, Planning and Technical)

Responsibilities: Leading the open pit production, engineering, geology, geotechnical, metallurgy, plant and lab departments for the 100,000-tpd mill world-class copper/gold open pit mine. Achievements: Developed and executed a mine-mill optimisation project that successfully eliminated the majority of operating constraints within the SAG, ball mills, flotation circuit and pipeline hence increasing 6 % production.

Placer Dome Inc. & Western Areas, JV, Gauteng Province, South Africa 2001 - 2003

South Deep Gold Mine - Manager Strategic Mine Planning

Responsibilities: Short and long term planning. Strategic directions to the 6,000 tpd underground South Deep gold mine. Mechanized trackless.

Achievements: Nominated to the first Placer Golden Award for innovative initiatives at South Deep and other Placer gold operations.

Noranda Inc. Lima, Peru 1995 - 2001

Business Development Manager - Latin America

Responsibilities: Identify, evaluate and acquire business opportunities in Latin America for Noranda. Planning, executing and controlling the US\$2.4 billion Antamina in Peru copper/zinc/ lead and silver project as a member of the JV Antamina project Steering committee.

Achievements: Selected as one of the 12 senior employees to develop Noranda's strategic corporate plan. Team leader that acquired both the Alto Norte copper smelter in Chile and Noranda's 33.75 % in the \$ 2.4 billion Antamina 70,000 tpd open pit mine/mill in Peru.

HUMAN CAPITAL PERU – Directors Profile

OSCAR ALVARADO

Technical Consultant

Noranda Inc. Brunswick Mining, Smelting & Fertiliser 1989-1995

Superintendent Business Development, Bathurst, New Brunswick, Canada

Responsibilities: Strategic and long term planning for the Belledune lead smelter and the two zinc/lead/copper UG mines. Feasibility studies of projects. Assisting Noranda Marketing department in purchasing; lead containing silver concentrates as well as copper and fluxes containing precious metals in Latin America.

Achievements: Successfully developed and championed the Eskay Creek, located in BC, Canada "Direct Smelting Ore" idea in 1994, which will yield a total profit of around \$1B for the Horne, located in Quebec, Canada, copper smelter over 10 years.

LAC Minerals, Toqui, Chile 1989

Toqui Regional Manager

Responsibilities: Complete management responsibilities for the 1,000 tpd. Zinc/Gold Toqui mine.

Mechanised room and pillar mining method.

Oscar A. Alvarado Page 4

Curragh Resources Inc., Toronto 1988 - 1989

Corporate Mining Engineer

Responsibilities: Short and long range planning for Faro operations, 13,000 tpd, zinc-lead open pit mine. Economic evaluations and financial analyses.

Inland Recovery Group, Province of Choco, Colombia, South America 1984 - 1985

HUMAN CAPITAL PERU – Directors Profile

OSCAR ALVARADO

Technical Consultant

Project Manager, Equis Mine

Responsibilities: Design and construction of a 200 tpd mine-mill complex, mining narrow high-grade gold veins, vat leaching and cyanuration.

Javelin International Ltd., Minas El Salvador, Central America 1979 - 1983

Mine Manager/Superintendent Minas San Cristobal

Responsibilities: Complete management responsibilities for all stages of operations mine, mill, refinery of the unit. Merrill Crowe process 200 tpd.

Alianza Mining Company, Ancash, Peru 1978 - 1979

Mine Superintendent

Responsibilities: Co-ordinate the mine, geology, maintenance and mine contractors for the 1,000 tpd underground mine. Mechanized descending Cut & Fill mining method

Centromin/Cerro de Pasco Corporation, Peru 1974 - 1978

Mine Foreman Cerro de Pasco & Morococha Underground Mines

HUMAN CAPITAL PERU – Directors Profile

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HUMAN CAPITAL PERU – Directors Profile

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SOG MINEIRAS

Latin American Operations & Management



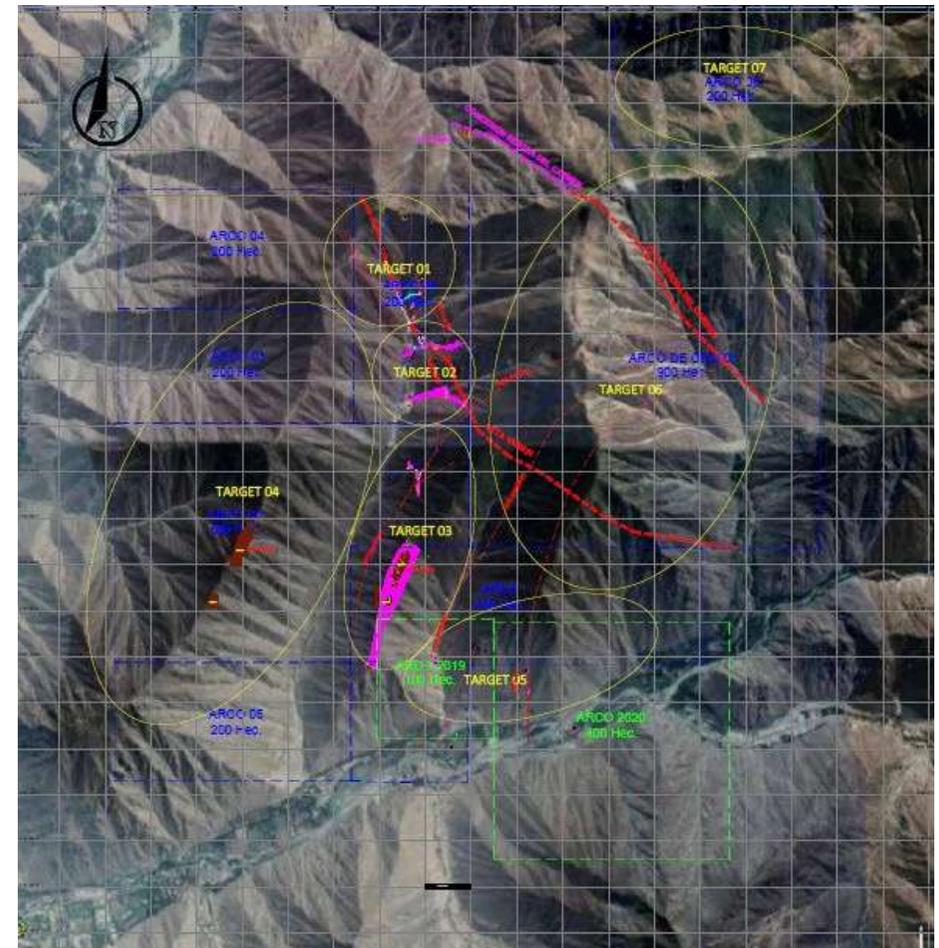
MISSION & VALUES

MISSION

Develop, manage and execute mining operations in a differentiated, innovative way, with excellence and responsibility, always optimizing the transformation of mineral resources from a human and sustainable perspective.

VALUES

- ▶ Respect for Local Life and Culture
- ▶ Commitment
- ▶ Integrity
- ▶ Ethics and Transparency



VISION

To be a reference company in the operation, management and development of mineral exploration.

VISION

- ▶ Be the best investment alternative
- ▶ Sustainably increase the company's market value
- ▶ Provide excellent value to partner communities by honoring local suppliers, investors, employees and all stakeholders involved
- ▶ Be a reliable partner
- ▶ Fully satisfy customers
- ▶ Provide sustainable technology-driven business solutions
- ▶ Be a benchmark in environmental management
- ▶ Be attentive to the environment and at the forefront of conservation
- ▶ Focus on human capital; vocational and vocational training
- ▶ To be a reference in the valorization of Human Capital, valuing the local workforce
- ▶ Contribute to the generation of profits and competitive advantages
- ▶ Be the best alternative to self-realization of talents

FINANCIAL

ROI
Market Value
Added Economic Value

CLIENTS

Value perceived by the Customer
Customer Loyalty
Response time to Customer requirements

INTERNAL PROCESS

Degree of innovation and automation
Introduction of new products
Product and process innovation
Identification of new Customers

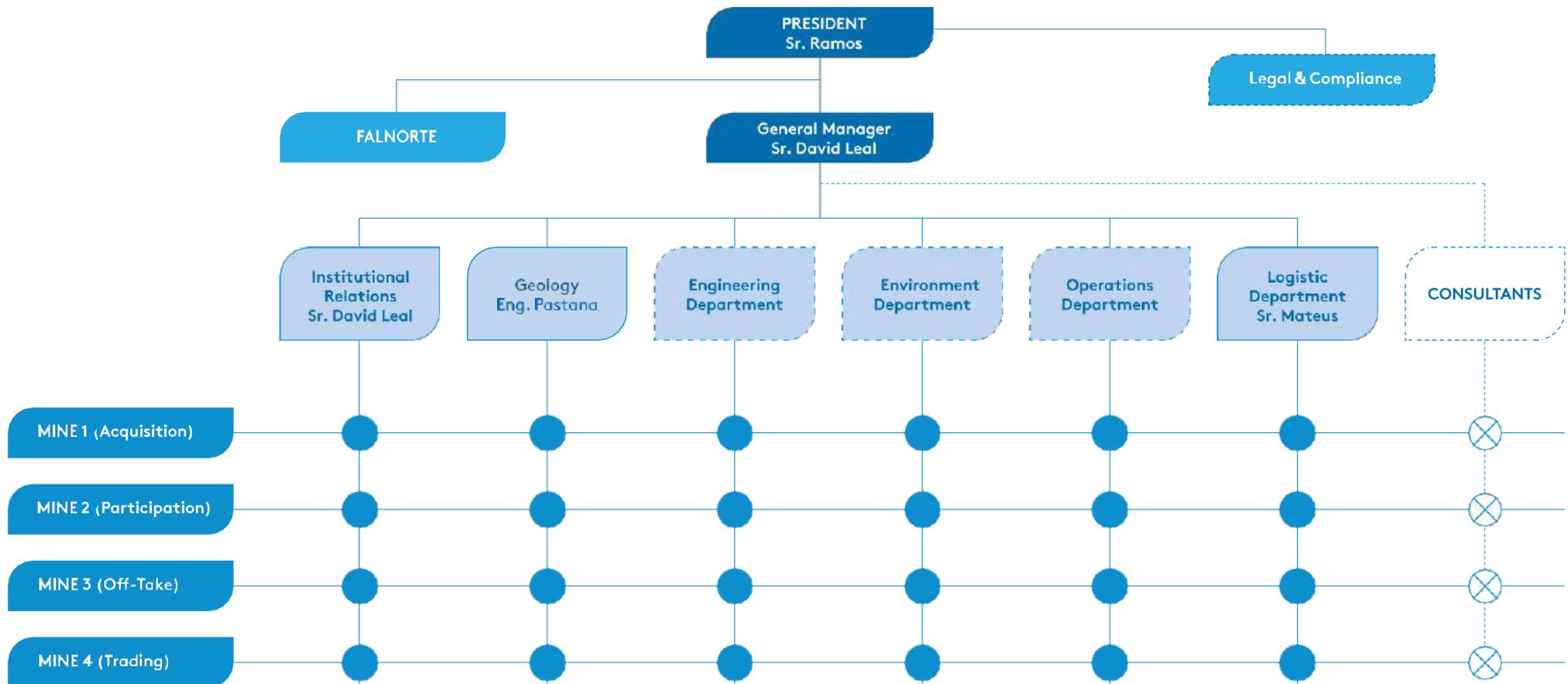
LEARNING & GROWTH

Speed of skills introduction
Indicators of knowledge of human capital
Productivity and satisfaction of human capital

REGIONAL DEVELOPMENT

Development and purchase of local suppliers
Training and hiring of local workforce

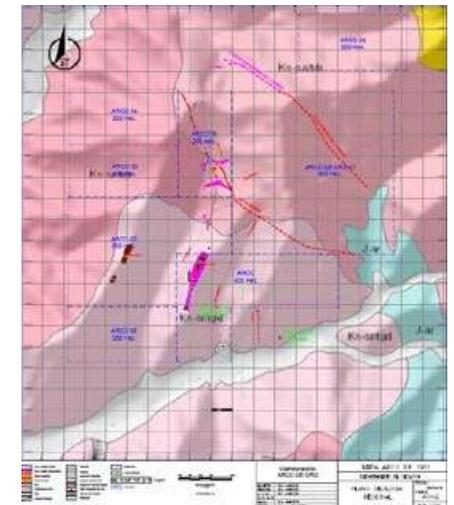
ORGANIZATIONAL CHART OF MINING OPERATIONS AND MANAGEMENT



INFORMATION CYCLE AND DECISION PROCESS



MACRO VIEW WEES



RECEIPT AND
REFERRAL NEW
PROJECTS
INSTITUTIONAL
RELATIONS

LOGISTICS

ANALYSIS
OF THE LEGAL
SITUATION

ANALYSIS OF MINING
RECORDS (ANM)
AND PMO - MONIT.
& CONTROLLERS

ANALYSIS OF
LOCAL GEOLOGY
OF THE MINING
REGISTRY

FINAL
EVALUATION
INVESTOR
RECOMMENDATIONS

BRAZIL

PERU

CHILE

ARGENTINA

INFORMATION CYCLE AND DECISION PROCESS

MACRO STEPS

ETAPA 1

- ▶ ANALYSIS OF MINING RECORDS
- ▶ GEOLOGICAL ANALYSIS / METALLOGENETICS.
- ▶ ANALYSIS OF THE LEGAL SITUATION

ETAPA 2

- ▶ CONFIDENTIALITY AGREEMENT (NDA)
- ▶ CONTRACT OF INTENTION AND INSPECTION IN THE MINE / DEPOSIT.
- ▶ COPIES OF (S) REGISTRATION (S) MINERAL (IS).

ETAPA 3

- ▶ LETTER WITH OFFER PROPOSAL (LOI).
- ▶ DUE DILIGENCE: GEOLOGICAL, COMMERCIAL, TECHNICAL, ACCOUNTING, FINANCIAL AND LEGAL ISSUES IN GENERAL.
- ▶ DRAFTING OF THE DRAFT

PERU

Local Partners

MINVERSIONES y NEGOCIOS CONSULTING

Mining Investment Advisor

COMPANIA MINERA ARCO DE OURO SAC

Mining Exploration and Off-take Agreements

NEGOCIACIONES y CONSTRUCCIONES PERUANDES EIRL

Trading Negotiations



HUMAN CAPITAL LATIN AMERICA – Directors Profile



DAVID ARAÚJO LEAL

Institutional Relations Director

- ▶ David Leal, graduated in Business Administration, postgraduated in Marketing.
- ▶ He joined Vale in 1972, where he worked until 2003 when he retired. From 1972 to 1983, he worked in the HR area in Rio de Janeiro.
- ▶ In 1983, he was transferred to the state of Pará to implement the Carajás project, the largest mineral project in the world. administrative and institutional relations of the company in the region.
- ▶ In 2003 he retired and went to work at the Federation of Industries of Pará as Coordinator of the Supplier Development Program, whose objective was to train small and medium businessmen from Pará to meet the demand of large companies installed in the state.
- ▶ In 2010 he was appointed Secretary of State for Industry, Commerce and Mining.
- ▶ From 2012 to 2013 he assumed the Special Secretariat for Development of the State of Pará. Since 2014 he has been a Business Consultant, taking care of interests of national and international companies in the State of Pará.
- ▶ From January to December 2013 he was President of the Council of Development Secretaries of Brazil.

HUMAN CAPITAL LATIN AMERICA – Directors Profile



JOSÉ MARIA DO NASCIMENTO PASTANA

Geology Director

- ▶ Geologist (Federal University of Para-UFGPA/1970) Post-graduation Lato Sensu
- ▶ Specialization in Environmental Geography (2002/2003): Instituto Esperança de Ensino Superior - IESPES (Santarém-PA)
- ▶ Specialization in Photointerpretation Applied to Geology (1979): Inter-American Center of Photointerpretation-CIAF (Bogota-Colombia)
- ▶ 2018/2021. Falnorte Assessorial and Geological Consulting: Technical Consultant in the areas of geology and environment.
- ▶ 2012/2017. Secretary of State for Industry, Commerce and Mining-SEICOM / State Secretariat for Economic Development, Mining and Energy-SEDEME: Coordinator of Social Mining and Emerging Minerals Studies (Program for Social Mining in the State of Para, among others).
- ▶ 2007/2011. Independent consultant in the areas of geology and environment, with the elaboration of technical studies, mainly Reports of Environmental Control (RCAs) in several municipalities of the state of Para.
- ▶ 09/2007 to 11/2007. Member of the STRATEGIA CONSULTANTS LTDA Team, who advised the Provisional Committee on Mineral Policies Studies of the Legislative Assembly of the State of Para - ALEPA, in the construction of a Strategic Plan to subsidize the elaboration of a mining policy for the State
- ▶ 2002/2006. Hope Institute of Higher Education-IESPES (Santarem PA): Lecturer, teaching in the course of Bachelor of Tourism, Technological Course of Environmental Management in the Amazon, Technological Course of Advertising and Media, Technological Course of Management of Organizational Processes and in the Course of Specialization in Education and Environmental Management.

Continues on the next page...

HUMAN CAPITAL LATIN AMERICA – Directors Profile

JOSÉ MARIA DO NASCIMENTO PASTANA

Geology Director

- ▶ 2004/2006. Integrated Colleges of Tapajos - FIT (Santarem PA): Lecturer, teaching in the Biology, Tourism Management and Agribusiness Management Courses.
- ▶ 2002/2004. Municipality of Santarem: Special Adviser I - Technical activities developed in the Socio-Environmental Institute of Santarem - ISAM and in the Municipal Environmental Information Center - CIAM, linked to the Municipal Secretariat for Planning and Development - SEMDE. Coordinator of the Technical Team responsible for the elaboration of the proposal of Participatory Ecological-Economic Zoning / Santarem-Belterra Intermunicipal Consortium.
- ▶ 1996/1999. Coordinator of PRIMAZ / West Area (Mineral Resources Research Company-CPRM). Activities of coordination, monitoring and execution of thematic works, referring to the municipalities of Santarem and Monte Alegre (Pará State).
- ▶ 1987/2001. Mineral Resources Research Company-CPRM / Geological Service of Brazil: Geologist (Researcher in Geosciences). Member of the PLGB (Basic Geological Survey Program) team, developing geological mapping works in the Turiaçu and Pinheiro Leaves (1987 to 1989). Supervisor of Mineral Research Projects (1989 to 1996). Activities of planning, coordination and monitoring of the Projects: Aruri, Tapajós Medium, Gold and Gems, RENCA (National Reserve of Copper and Associates), Platinum PA-AP, Gold - BE, PRIMAZ (Program of Mineral Integration in Amazonian Municipalities), Carutapera and PIH (Hydrological Information Program), among others.
- ▶ 1984/1986. Inter Minerations Ltda: Geologist - prospecting/researching alluvium, in the state of Amapá.
- ▶ 1971/1984. CPRM/Geological Service of Brazil SUREG-BE Geologist - Geological mapping, geochemical prospecting and mineral research in the Amazon Region; preparation of technical reports. Head of the Sulfets Projects of Alenquer Monte Alegre and Rio Chiché Project.

SOME TECHNICAL WORKS CARRIED OUT AND/OR PUBLISHED

- ▶ PASTANA, J.M.N. Geological synthesis and favorability for types of mineral deposits of the Municipality of Monte Alegre-PA. Belem: CPRM-, 1999. 34 p. il.

Continues on the next page...

HUMAN CAPITAL LATIN AMERICA – Directors Profile

JOSÉ MARIA DO NASCIMENTO PASTANA

Geology Director

- ▶ PASTANA, J.M.N. (Org.). Turiaçu: sheet SA.23-V-D, Pinheiro SA.23-Y-B, States of Para and Maranhão, scale 1: 250,000. Brasília: CPRM, 1995. 205 p., Il. Basic Geological Surveys Program in Brazil (PLGB).
- ▶ PASTANA, J.M.N. Tentugal Shear Belt. In: PASTANA, J.M.N. (Org.). Turiaçu: sheet SA.23-V-D, Pinheiro SA.23-Y-B, States of Para and Maranhão, scale 1: 250,000. Brasília: CPRM, 1995. p. 54-84, il. Basic Geological Surveys Program in Brazil (PLGB).
- ▶ PASTANA, J.M.N.; SILVA NETO, C.S. River Chiché Project: Progress Report. Belem: DNPM / CPRM, 1980. v. 1.
- ▶ PASTANA, J.M.N.; JORGE JOÃO, X.S. Land Granite- Greenstone in the northwest of Maranhão. In: PASTANA, J.M.N. (Org.). Turiaçu: sheet SA.23-V-D, Pinheiro SA.23-Y-B, States of Para and Maranhão, scale 1: 250,000. Brasília: CPRM, 1995. p. 29-40, il. Basic Geological Surveys Program in Brazil (PLGB).
- ▶ PASTANA, J.M.N. et al. Sulfides of Alenquer- Monte Alegre Project: Preliminary Report. Belem: DNPM/CPRM, 1976. v. 1, 95.
- ▶ PASTANA, J.M.N. et al. River Chiché Project: Final Report. Text. Belem: DNPM / CPRM, 1980. v. 1, 125, p.
- ▶ PASTANA, J.M.N. et al. Cerberus II Alpha Project: final report. Text. Belém: CPRM/GEBAM, 1984. v. 1, 64 p. il.
- ▶ PASTANA, J.M.N. et al. Cerberus II Project: final report. Text and attachments. Belém: CPRM / GEBAM, 1985. v. 1, 87p. il.
- ▶ 1987/2001. Mineral Resources Research Company-CPRM / Geological Service of Brazil: Geologist (Researcher in Geosciences). Member of the PLGB (Basic Geological Survey Program) team, developing geological mapping works in the Turiaçu and Pinheiro Leaves (1987 to 1989). Supervisor of Mineral Research Projects (1989 to 1996). Activities of planning, coordination and
- ▶ POSTED BOOK
- ▶ Monte Alegre PA Tourism. An Alternative for Sustainable Development in a Municipality of the Amazon. 2005.

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HUMAN CAPITAL LATIN AMERICA – Directors Profile

**JOSÉ MARIA DO
NASCIMENTO PASTANA**
Geology Director

PARTICIPATION IN CLASS ENTITIES AND/OR CLASS ADVICE

- ▶ 2016/2021. Representative of the Professional Association of Geologists of the Amazon - APGAM by the Group of Engineering - Geology Modality, at the Regional Council of Engineering and Agronomy of the State of Para-CREA/PA, in the position of Board Member, for the period from 01/2016 to 12/2018, and 01/2019 to 12/2021.
- ▶ 2017. Representative of CREA-PA in the Municipal Council of the Environment (CONSEMMA), as Board Member
- ▶ 2010. Coordinator of the Special Chamber of Geology and Mines (CEGEM) of CREA-PA.
- ▶ 2010. Coordinator of the Committee on Environment and Water Resources (COMARH) of CREA-PA.
- ▶ 2010. Representative of the Professional Association of Geologists of the Amazon - APGAM by the Engineering Group - Geology Modality, at the Regional Council of Engineering, Architecture and Agronomy of the State of Pará - CREA-PA, in the role of Board Member for the period 01/2010 to 12/2010
- ▶ 2009. Representative of CREA-PA in the Municipal Council of the Environment (CONSEMMA), as Board Member
- ▶ 2008. Member of the Committee on Environment and Water Resources - CMARH of CREA-PA
- ▶ 2008. Representative of the Professional Association of Geologists of the Amazon - APGAM with the Regional Council of Engineering, Architecture and Agronomy - CREA-PA, as Alternate Advisor, for the period from 01/2008 to 12/2010.

HUMAN CAPITAL LATIN AMERICA – Directors Profile



LUIZ FLÁVIO SILVA COSTA

General Consultant

- ▶ Graduated in Water Engineering from the Federal University of Rio Grande do Sul (1995), inclusion Title of the Final Course Paper: Geology, Petrography and Structural Aspects of the Archean Granitoids of the Northwest Portion (PA).
- ▶ Carajás Province (1999). Manager and operational coordinator in Geology and Environment - Homestake Resource (MG), experience in the area of introduction to water engineering, analysis of structural systems, instrumentation and hydrometry, geoprocessing applied to water resources, supervised internship in hydraulics and hydrology, management coastal, hydrogeomorphology, remote sensing in water resources. Geosciences, with an emphasis on metalogeny, acting on the following topics: Carajás, environment, marketing, gold and design.

2002 2003

Specialization in Planning, Management and Evaluation of Professional Education.
 Federal University of Pará, UFPA, Belém, Brazil
 Title: Paragominas: an encounter of knowledge
 Advisor: Tereza Ximenes Pontes

1990 1995

Graduation in Water Engineering.
 Federal University of Rio Grande do Sul, UFPA, Porto Alegre, Brazil
 Title: Geoprocessing Applied to Water Resources and Study and Coastal Management, Hydrogeomorphology, Remote Sensing in Water Resources
 Producers: Municipalities of Manacapuru do AM
 Advisor: Claudio Eugenio Peixinho.

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HUMAN CAPITAL LATIN AMERICA – Directors Profile

LUIZ FLÁVIO SILVA COSTA General Consultant

- ▶ Short course in RECOVERY OF DEGRADED AREAS. (Hours: 80h). PORTAL DA EDUCAÇÃO, PORTAL DA EDUCAÇÃO, Brazil –2013/2013
- ▶ Short course in ENVIRONMENTAL IMPACT ASSESSMENT. (Hours: 80h). PORTAL DA EDUCAÇÃO, PORTAL DA EDUCAÇÃO, Brazil –2010/2011
- ▶ Short course in ENVIRONMENTAL MANAGEMENT AND WATER RESOURCES. (Hours: 80h). PORTAL DA EDUCAÇÃO, PORTAL DA EDUCAÇÃO, Brazil- 2010/2010
- ▶ Vale/FAPESPA Project (process 10292. UNI339.1127.23062010) - Geodynamic Evolution and Metallogenetic Aspects of the Carajás Mineral Province (Pa): Implications for the Genesis of Mineral Deposits and Perspectives for New Discoveries – 2011/2016. Coordinator: Dr. Davis Carvalho de Oliveira. Link: Researcher Member.
- ▶ Main activities: geological mapping, description of rock outcrops, collection of rock samples and structural data, digital examination of satellite images (Landsat TM), SRTM (Shuttle Radar) radar mosaics Topography Mission) and aerogammaspectrometric charts, delimitation of geological units, petrographic and structural description, production of geological maps and research reports.
- ▶ Project of the National Institute of Sciences and Technologies (INCT) / Notice 015/2008 - Magmatism, Crustal Evolution and Metallogenesis of the Amazon – 2009/2016 Coordinator: Dr. Roberto Dall’Agnol Link: Researcher Member. Main activities: geological mapping, description of rock outcrops, collection of rock samples and structural data, delimitation of geological units, description in petrographic microscopic of thin layers of igneous and metamorphic rocks, structural and geochemical interpretation, production of geological maps and reports of search.
- ▶ Vocational Technical Center (CTP), Marabá, Pará –10/07/2013 to 12/13/2013
- ▶ Eschewege Geology Center, Casa da Glória, Diamantina, Minas Gerais – 01/04/2013 to 13/04/2013 Position: Supervised Intern. Main activities: geological mapping in low-grade metamorphic terrain, without using GPS and elaboration of geological map and field report.

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HUMAN CAPITAL LATIN AMERICA – Directors Profile

LUIZ FLÁVIO SILVA COSTA General Consultant

- ▶ FADESPA Project (Process: 133/2008) - Geology, Geochemistry, Geochronology and Metalogenetic Aspects of High Grade Magmatic and Metamorphic Associations of the Transition Domain between the Granite-Greenstone Terrain of Rio Maria – 2009/2011 Coordinator: Dr. Davis Carvalho de Oliveira Link: Researcher Member. Main activities: geological mapping, description of rock outcrops, collection of rock samples and structural data, delimitation of geological units, description in petrographic microscopic of thin layers of igneous and metamorphic rocks, structural and geochemical interpretation, preparation of geological maps and reports of field.
- ▶ Knowledge of arcgis®, quantumgis®, Global Mapper® and Google Earth® and experience in making georeferenced maps in a GIS (Geographic Information System) environment.
- ▶ Advanced knowledge of Corel Draw® and experience in making block diagrams, geological sections, graphs, etc.
- ▶ Experience in geological mapping, petrography, mineralogy, structural geology and geochemistry of Archean granitoids.
- ▶ 2013 2013 Short course in RECOVERY OF DEGRADED AREAS. (Hours: 80h).
- ▶ 2010 2011 Short course in ENVIRONMENTAL IMPACT ASSESSMENT. (Hours: 80h).
- ▶ 2010 2010 Short course in ENVIRONMENTAL MANAGEMENT AND WATER RESOURCES
- ▶ ADMINISTRATIVE ROUTINES Course, Microlins Professional Training - 01/26/2008 to 10/30/2008 - Hours: 72 hours – Belém, PA.
- ▶ Professional course in GENERAL ADMINISTRATION, Technical Center for Parallel Education (CETEP) - November 24th to 26th, 2008 - Hours: 20 hours – Belém, PA.
- ▶ Presentation of work at the 47th Brazilian Congress of Geology: “Geology, Petrography and Structural Aspects of the Archean Granitoids of the Northwest Portion of Água Azul do Norte (PA) - Carajás Province” - (Main author), Salvador, BA - 21 to 26 of September 2014.
- ▶ Presentation of Work at the 47th Brazilian Congress of Geology: “Mesoarquean Sanukitoides of Água Azul do Norte,

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HUMAN CAPITAL LATIN AMERICA – Directors Profile

LUIZ FLÁVIO SILVA COSTA General Consultant

- South of the Carajás Domain, New Data and Perspectives” - (Subordinate author), Salvador, BA - September 21 to 26, 2014.
- ▶ Presentation of work at the 47th Brazilian Congress of Geology: “Geology of the Água Azul do Norte (PA) Region - Implications for the Tectonic Compartmentation of the Carajás Domain” - (Subordinate author), Salvador, BA - September 21 to 26, 2014. Work Presentation at the 14th Amazon Geology Symposium: “Geochronology and Structural Aspects of the Mesoarchean Sanukitoids of the Água Azul do Norte area, Implications for the evolutionary history of the southern portion of the Carajás Domain” - (Subordinate author), Marabá, PA - 09/27/2015 to 10/01/2015.
 - ▶ Fonteira Brasil-Guiana Geodiversity Project, scale 1:1,000,000, CPRM, 2013. (Completed), Fonteira Brasil-Suriname Geodiversity Project, scale 1:1,000,000, CPRM, 2014. (In progress)
 - ▶ Cedro Sul Project (Geology of the Southern Region of Ceará). Photointerpretation, geological mapping and petrography of Folha Cedro (SB-24-Y-B-VI), on a 1:25,000 scale of approximately (100 Km²) with financial and logistical support from the Federal University of Pará. January 2013 - December 2013.
 - ▶ 13th Amazon Geology Symposium – Brazilian Society of Geology (North Nucleus) – (2013): Presentation of the papers “Magnetic Susceptibility of the Boa Sorte Granite of the Carajás Domain”, “Magnetic Susceptibility of the Marajoara Granite, Rio Maria Domain, Carajás Province” (co-author) and “Magnetic
 - ▶ Susceptibility of Archean Leucogranodiorites in the Nova Canada Region - Carajás Province” (co-author);
 - ▶ 46th Brazilian Congress of Geology - Brazilian Society of Geology - (2012);
 - ▶ XIII Brazilian Congress of Geochemistry - III Symposium on Geochemistry of Mercosur Countries (2011);
 - ▶ Basic ArcGis Course - CPRM - Geological Survey of Brazil - (2011);
 - ▶ 1st Geosciences Fair - UFPA - (2011);
 - ▶ 2nd Amazon Mining Congress - IBRAM (Brazilian Mining Institute) - (2010);

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HUMAN CAPITAL LATIN AMERICA – Directors Profile

LUIZ FLÁVIO SILVA COSTA General Consultant

- ▶ Participation in the 45th Brazilian Congress of Geology;
- ▶ Participation in the mini-course “Medical Geology: Metals, Environment and Human Health”, as part of the programming of the 45th Brazilian Congress of Geology;
- ▶ 1st Integration Week of the Geosciences Institute - Pet Geologia UFPA - (2010);
- ▶ Workshop Belém: Pure water, but no pure water - LARHIMA (Water Resources and Environment Laboratory);
- ▶ Luiz Flavio Costa. Hydrogeological Survey of the Municipality of Paragominas. 2011. Guidance of a different nature (MINING TECHNICIAN) BRAZILIAN AGRICULTURAL RESEARCH COMPANY Keywords: AQUIFER, ITAPECURU Areas of knowledge: Hydrogeology Activity sectors: Agriculture, Livestock, Forestry, Fishing and Aquaculture
- ▶ Contract in the company Marca- Consultoria Ambiental (November 2013 to March 2014), outsourced to ALCOA, in the area of mineral prospecting and research. Experience in drilling inspection, planning and location of drilling points, description of drilling cores and sampling, following QAQC standards, using ArcGis software.
- ▶ Operator Management of Water of the company CPRM - Geological Service of Brazil, from May 2007 to May 2015. Participation in the Phosphates of Brazil Project, under the supervision of the geologist Firmino Correa Júnior, with experience in making maps in the software ArcGis (all versions), thin slide description, mesoscopic description, sample preparation for DRx analysis.
- ▶ Geological mapping 1: 50000 in the municipality of Umirim - To (2012).
- ▶ Geological mapping 1: 25000 in the municipality of Bielândia - To (2011).
- ▶ Voluntary monitoring in the Sedimentology discipline at UFPA, under the guidance of prof. Doctor Luís Ercílio do Carmo Faria Junior, during the first semester of 2010.
- ▶ Voluntary monitoring of the Microscopic Mineralogy discipline at UFPA, under the guidance of prof. Vânia Barriga, during January 2011 and January 2012.

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HUMAN CAPITAL LATIN AMERICA – Directors Profile

LUIZ FLÁVIO SILVA COSTA General Consultant

- ▶ Final Course Paper: Magnetic Susceptibility and Fe and Ti oxide minerals of the Boa Sorte Granite- Carajás Domain- Carajás Province.
- ▶ Detailed petrographic descriptions.
- ▶ Geological mapping with reporting.
- ▶ Domain of GPS and MIO equipment.
- ▶ Contract with the company Noranda Exploration Mineral Ltda- Consultoria Mining Law Coordinator (November 1993 to March 1998)
- ▶ Contract at Falconbridge Brasil Ltda- Consultoria Mining Law Research Coordinator (1998/2002)
- ▶ Contract at the company Xstrata Brasil Ltda- Consultoria Research Coordinator of Mining Law (1998/2021) in activity.
- ▶ Contract at Falcon Metais Ltda- Consultoria Mining Law Research Coordinator (2000/2021) in activity.
- ▶ Contract in the company Sul Pará Mineração Ltda- Consultoria Research Coordinator of Mining Law (2008/2021)
- ▶ Contract at Potássio do Brasil Ltda- Consultoria Research Coordinator of Mining Law (2016/2021) in activity.
- ▶ Contract at the company Homestake Resource (MG) - Acting as manager and operational coordinator and Geology and Environment (1993/1995) concluded.

HUMAN CAPITAL LATIN AMERICA – Directors Profile



WAGNER COSTA

Institutional Relations

- ▶ He holds a degree in Geology from the Federal University of Pará (1994) and a Master's degree in GEOLOGY AND GEOCHEMISTRY from the FEDERAL UNIVERSITY of PARÁ (1997), and has been an effective servant since 2001 in the position of researcher II of the INSTITUTE OF SCIENTIFIC AND TECHNOLOGICAL RESEARCH OF THE State OF AMAPÁ - IEPA, currently he is Director of Sectoral and Regional Development of Agência AMAPÁ, he was Secretary of the Environment of the State of Amapá in 2010 and served as Ceo of IEPA between 2015 and 2017. He has experience in Geosciences, with emphasis on Geochemistry, working mainly on the following topics: environment, pollution, ecosystem studies, quality and monitoring of water
- ▶ 1994 - 1997 Master's degree in POSTGRADUATE COURSE IN GEOLOGY AND GEOCHEMISTRY FEDERAL UNIVERSITY OF PARÁ, UFPA, Brazil.
- ▶ Title: RECENT SEDIMENTATION AND PHYSICAL-CHEMICAL CONDITIONS OF LAKE WATERS NEW - NORTH CAPE/ AP, Year of Obtaining: 1997.
- ▶ Advisor: MAÂMAR EL-ROBRINI.
- ▶ Scholarship student: Coordination for the Improvement of Higher Education Personnel, CAPES, Brazil
- ▶ Keywords: WATER GEOCHEMISTRY; SEDIMENTOLOGY; BATHYMETRY; ECOSYSTEM, LAKE; ENVIRONMENT.
- ▶ Specialty: Sedimentology.
- ▶ Large Area: Exact and Earth Sciences / Area: Geosciences / Subarea: Geology /
- ▶ Specialty: Environmental Geology.
- ▶ Sectors of activity: Fisheries, Aquaculture and Mariculture; Products and Services Aimed At A
- ▶ 1988 - 1994 Defense and Protection of the Environment, Including Sustainable Development.

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HUMAN CAPITAL LATIN AMERICA – Directors Profile

WAGNER COSTA

Institutional Relations

- ▶ **2000 - 2002**
University extension in Special Program of Pedagogical Complementation. (Charge time: 690h).
Federal University of Amapá, UNIFAP, Brazil.
- ▶ 2001 - 2001 Prev. and Cont. Pollution of Soil and Subter Waters.. (Workload: 40h).
2001 - 2001 Companhia de Tecnologia de Saneamento Ambiental, CETESB, Brazil.
Environmental Management and Monitor. Water Quality. (Workload: 40h).
- ▶ 2001 - 2001 Ministry of the Environment and Legal Amazon, MMA, Brazil.
- ▶ Oil Spill Course. (Workload: 20h).
Oil Spill Response Limited, OSRL, United Kingdom.
Economic Development Agency of the State of Amapá, AGÊNCIA AMAPÁ, Brazil. Institutional link
- ▶ 2020 - Current Link: Public Servant, Functional Framework: DIRECTOR, Workload: 40
Other information DIRECTOR OF SECTOR AND REGIONAL DEVELOPMENT
- ▶ Institutional link
- ▶ 2018 - 2020 Link: Public Servant, Functional Framework: Coordinator, Workload: 40
- ▶ Other information COORDINATOR OF THE EXECUTIVE COORDINATION OF THE DEVELOPMENT OF THE MINING AND OIL PRODUCTION CHAIN
INSTITUTE OF SCIENTIFIC AND TECHNOLOGICAL RESEARCH OF THE STATE OF AMAPÁ, IEPA, Brazil.
Institutional link
- ▶ 2001 - Current Link: Public Servant, Functional Framework: RESEARCHER II, Workload: 40
- ▶ Other information Crowded in the Center for Aquatic Research Institutional Bond
- ▶ 2015 - 2017 Link: , Functional Framework: Ceo, Workload: 40 Activities

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HUMAN CAPITAL LATIN AMERICA – Directors Profile

WAGNER COSTA

Institutional Relations

- ▶ 01/2003 - 08/2005 Direction and administration, AQUATIC RESEARCH CENTER.
Position or function HEAD OF AQUATIC RESEARCH CENTER
- ▶ 1998/02 - 05/1999 Research and development, COASTAL MANAGEMENT. Research lines Surface and groundwater
- ▶ SECRETARY OF ENVIRONMENT OF THE STATE OF AMAPÁ, SEMA, Brazil.
- ▶ Institutional link
- ▶ 2010 - 2010 Bond: Commissioned Position, Functional Framework: Secretary of State of the Environment
- ▶ Institutional Link Environment, Workload: 40
- ▶ 2002 - 2003 Link: Commissioned Position, Functional Framework: Head of Division, Other information, Regime: Exclusive dedication. DIVISION OF WATER RESOURCES Institutional link
- ▶ 1999 - 2001 Bond: Commissioned Position, Functional Framework: Head of Division,
- ▶ Other Information Head of The Monitoring and Controls Division of Polluting Sources Activities
- ▶ 06/2002 - 01/2003 Direction and administration, COORDINATION OF ENVIRONMENTAL RESOURCES.
- ▶ Position or function HEAD OF THE DIVISION OF WATER RESOURCES.
- ▶ 06/1999 - 11/2001 Direction and administration, COORDINATION OF ENVIRONMENTAL RESOURCES.
- ▶ Position or function Head of THE DIVISION OF MONITORING AND CONTROL OF POLLUTING SOURCES.
Faculty of Macapá, FAMA, Brazil.
Institutional link
- ▶ 2011 - 2020 Link: Celetista, Functional Framework: Teacher, Workload: 14
Institutional link

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HUMAN CAPITAL LATIN AMERICA – Directors Profile

WAGNER COSTA

Institutional Relations

- ▶ 2006 - 2008 Link: Formal Celetista, Functional Framework: Course Coordinator, Workload: Other information 20
- ▶ Coordinator of the Higher Course of Technology in Environmental Management Institutional link
- ▶ 2005 - 2005 Link: Celetista, Functional Framework: Teacher, Workload: 2
- ▶ Other information Discipline Environmental Pollution Institutional bond
- ▶ 2005 - 2005 Bond: Collaborator, Functional Framework: Prof. of the Course of Esp. in Management
- ▶ Other information Environmental, Workload: 30 Module - Pollution and Environmental Control
- ▶ 2005 - 2005 Bond: Collaborator, Functional Framework: Prof. of the Course of Esp. in Management Other Environmental Information, Module - Urban Environmental Management

SECRETARY OF ENVIRONMENT OF THE STATE OF AMAPÁ, SEMA, Brazil.

Institutional link

- ▶ 2010 - 2010 Bond: Commissioned Position, Functional Framework: Secretary of State of the Environment
- ▶ Institutional Link Environment, Workload: 40
- ▶ 2002 - 2003 Link: Commissioned Position, Functional Framework: Head of Division, Other information, Regime: Exclusive dedication. DIVISION OF WATER RESOURCES Institutional link
- ▶ 1999 - 2001 Bond: Commissioned Position, Functional Framework: Head of Division,
- ▶ Other Information Head of The Monitoring and Controls Division of Polluting Sources Activities
- ▶ 06/2002 - 01/2003 Direction and administration, COORDINATION OF ENVIRONMENTAL RESOURCES.

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HUMAN CAPITAL LATIN AMERICA – Directors Profile

WAGNER COSTA

Institutional Relations

- ▶ Position or function HEAD OF THE DIVISION OF WATER RESOURCES.
- ▶ 06/1999 - 11/2001 Direction and administration, COORDINATION OF ENVIRONMENTAL RESOURCES.
- ▶ Position or function Head of THE DIVISION OF MONITORING AND CONTROL OF POLLUTING SOURCES.
Faculty of Macapá, FAMA, Brazil.
Institutional link
- ▶ 2011 - 2020 Link: Celetista, Functional Framework: Teacher, Workload: 14
Institutional link
- ▶ 2006 - 2008 Link: Formal Celetista, Functional Framework: Course Coordinator, Workload:
Other information 20
Coordinator of the Higher Course of Technology in Environmental Management
Institutional link
- ▶ 2005 - 2005 Link: Celetista, Functional Framework: Teacher, Workload: 2
- ▶ Other information Discipline Environmental Pollution Institutional bond
- ▶ 2005 - 2005 Bond: Collaborator, Functional Framework: Prof. of the Course of Esp. in Management
- ▶ Other information Environmental, Workload: 30 Module - Pollution and Environmental Control
- ▶ 2005 - 2005 Bond: Collaborator, Functional Framework: Prof. of the Course of Esp. in Management Other
Environmental Information, Module - Urban Environmental Management

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HUMAN CAPITAL LATIN AMERICA – Directors Profile

WAGNER COSTA

Institutional Relations

Activities

- ▶ 08/2006 - Current Direction and Administration, Coordination. Position or role Coordinator of the Technology Course in Environmental Management
- ▶ 02/2006 - 06/2006. Teaching, Technology in Environmental Management, Level: Graduation Disciplines taught Recovery of Degraded Areas Water Resources Management
- ▶ 10/2005 - 10/2005 Teaching, Specialization in Environmental Management, Level: Specialization Disciplines taught Urban Environmental Management
- ▶ 2005/01 - 06/2005 Teaching, Technology in Environmental Management, Level: Undergraduate Disciplines Taught Environmental Pollution
- ▶ 02/2005 - 02/2005 Teaching, Specialization in Environmental Management, Level: Specialization Disciplines taught Pollution and Environmental Control
- ▶ Secretary of Science and Technology of the State of Amapá, SETEC, Brazil.
Institutional link
- ▶ 2009 - 2009 Link: Commissioned Position, Functional Framework: Chief of Staff, Hourly institutional bond load: 40
- ▶ 2005 - 2008 Link: Commissioned Position, Functional Framework: Coordinator, Workload: 40 Other information
- ▶ Coordination for Research Promotion and Scientific Dissemination - CFPDC

Activities

- ▶ 09/2005 - Current Direction and administration, CFPDC. Position or function Coordinator of the Coordination of Research Promotion and Scientific Dissemination.

Research projects

- ▶ 2014 - 2015 Environmental Diagnosis of the Pacuí River, Estuarino Coastal Sector, State of Amapá.

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HUMAN CAPITAL LATIN AMERICA – Directors Profile

WAGNER COSTA

Institutional Relations

- ▶ Description: Report of residents of the community of Santa Luzia do Pacuí highlighted several changes in the landscape of the Pacuí River that are directly impacting on the quality of life of the local population, such as changes in water quality, erosion of the banks, silting and colmatação of the low course of the Pacuí River with impediment of the passage/ navigation to the Gurijuba river and difficulty in carrying out fishing activities. As a way to mitigate the problems reported, the Public Prosecutor’s Office through the Environmental Justice Prosecutor’s Office, Agrarian Conflicts, Housing and Urbanism ? PRODEMAC ordered the Institute of Scientific and Technological Research of the State of Amapá ?
- ▶ IEPA to carry out a survey of the quality of the waters of the Pacuí River, as well as its erosion and silting points. Thus, this project has as main objective to make a diagnosis of the environmental conditions of the Pacuí River taking into account the two distinct seasonal periods.. Situation: Completed; Nature: Research. Students involved: Graduation: (1) Members: Wagner Jose Pinheiro Costa - Coordinator /ADMILSON MOREIRA TORRES -Member/LUÍS ROBERTO TAKIYAMA - Member. Financier(s): SECRETARY OF ENVIRONMENT OF THE STATE OF AMAPÁ - Financial assistance.

Other Projects

- ▶ Project Coordinator - Territorial Planning of the Amazon Sector of the State of Amapá - MMA/PNMA Agreement II Situation: Disabled; Nature: Other. Members: Wagner Jose Pinheiro Costa - Coordinator

Published/organized books or editions

1. COSTA, W.J. P.. Amapá State Mining Plan 2019-2030. 1. Ed. Macapá: Economic Development Agency of Amapá, 2019. v.1. 80p.
2. OLIVEIRA, M. J. ; MACIEL, A.C. E. S. ; AMARAL, A.F.; FUNI, C. ; SOUTO, F.A.F.; ROSARIO, J.M. L. ; SACASA, R.J.V.; HAPPY, P. R. ; CORREA, V.M. ; COAST, W. J. P. . Diagnosis of the Mineral Sector of the State of Amapá. 1. Ed. Macapá: IEPA, 2010. v.1. 148p.

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HUMAN CAPITAL LATIN AMERICA – Directors Profile

WAGNER COSTA

Institutional Relations

3. TAKIYAMA, L. R. ; SILVA, S.L.F.; SILVA, U.R.L.; COAST, W. J. P. . Atlas of the Estuarine Coastal Zone of the State of Amapá: from socio-environmental diagnosis to Participatory Coastal Ecological-Economic Zoning.. Macapá: Institute of Scientific and Technological Research of the State of Amapá-IEPA, 2006. v. 500. 77p.

Complete papers published in congress annais

1. MOURAO, R.G. ; COAST, W. J. P. . Studies for the Use of Rainwater at the Santana Thermal Power Plant, State of Amapá, Brazil: a contribution to the sustainable use of water resources.. In: XVII Brazilian Symposium on Water Resources and VIII Symposium on Hydraulics and Water Resources of Portuguese-speaking Countries, 2007, São Paulo. XVII Brazilian Symposium on Water Resources and VIII Symposium on Hydraulics and Water Resources of Portuguese-speaking Countries. Porto Alegre - RS: Brazilian Association of Water Resources, 2007.
2. COSTA, W. J. P.; SOUZA, M. O. ; COUTINHO, I.S.; SILVA, A. J. R. ; SILVA, A. Q. RABBIT, B. A. ; ROSARIO, J.M. ; ALMEIDA, R. P. . VULNERABILITY TO POLLUTION OF THE FREE AQUIFER OF THE CITY OF SANTANA, STATE OF AMAPÁ.. In: I SYMPOSIUM OF WATER RESOURCES OF THE AMAZON, 2003, MANAUS. WATER: STRATEGIC RESOURCE FOR THE DEVELOPMENT OF THE AMAZON. Manaus: UFAM/FAPEAM/CNPq, 2003.
3. SILVA, A. Q. ; CUNHA, A.C. ; COUTINHO, I.S.; TAKIYAMA, L.R.; COAST, W. J. P. . PROGRAM OF MONITORING THE QUALITY OF THE WATERS OF THE RIVERS OF THE SOUTHERN REGION OF THE STATE OF AMAPÁ.. In: I SYMPOSIUM OF WATER RESOURCES OF THE AMAZON, 2003, Manaus. WATER: STRATEGIC RESOURCE FOR THE DEVELOPMENT OF THE AMAZON. Manaus: UFAM/FAPEAM/CNPq, 2003.
4. TAKIYAMA, L. R. ; COSTA, W. J. P. ; SILVA, A. Q. MATOS, M.F.A.; PANTOJA, S.C.M. ; LIMA, G. P. ; SANTOS, V. F. . THE USE OF THE PERCEPTION OF THE LOCAL POPULATION IN THE DIAGNOSIS OF WATER QUALITY IN THE RIVERS OF THE SOUTHERN REGION OF THE STATE OF AMAPÁ. In: VI ECOLAB WORKSHOP, 2002, BELÉM. VI ECOLAB WORKSHOP. BETHLEHEM: MPEG, 2002.
5. SILVA, A. Q. ; N, S. ; C,R. ; COAST, W. J. P. . APPLICATION OF A GIS IN THE DIFFUSION OF THE RESULTS OF MONITORING THE QUALITY OF WATER RESOURCES - THE EXPERIENCE OF AMAPÁ. In: XIV Brazilian SIMP OF WATER RESOURCES/ V SIMP. OF HYDRAULICS AND WATER RESOURCES OF PORTUGUESE-SPEAKING COUNTRIES, 2001, ARACAJU/SE. XIV Brazilian SIMP OF WATER RESOURCES/ V SIMP. OF HYDRAULICS AND WATER RESOURCES OF PORTUGUESE-SPEAKING COUNTRIES, 2001.

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HUMAN CAPITAL LATIN AMERICA – Directors Profile

WAGNER COSTA

Institutional Relations

Technical work

1. COSTA, W.J. P.. HYDROGEOLOGICAL STUDY FOR INSTALLATION OF THE PARK CEMETERY OF AMAPÁ.. 2018.
2. COSTA, W. J. P.; MARTINS, M. H.A.; TORRES, A.M. ; TAKIYAMA, L. R. . Environmental Characterization of Coastal Communities in the Bailique District: March/2017 Campaign. 2017.
3. COAST, W.J. P.. SIMPLIFIED ENVIRONMENTAL REPORT - Thermal UNIT RAS - AMCEL UTE. 2017.
4. COSTA, W. J. P.; MARTINS, M. H.A.; TORRES, A.M. ; TAKIYAMA, L. R. . Environmental Characterization of Coastal Communities in the Bailique District. 2017.
5. COAST, W.J. P.. SIMPLIFIED ENVIRONMENTAL REPORT - Thermal UNIT RAS - UTE OIAPOQUE ENERGIA.. 2014.
6. TORRES, A.M. ; MARTINS, M. H.A.; COAST, W. J. P. . ENVIRONMENTAL CHARACTERIZATIONS TO SUPPORT THE IMPLEMENTATION OF FISHING DISTRICTS IN THE MUNICIPALITIES OF AMAPÁ AND CALÇOENE.. 2013.
7. COSTA, W. J. P.; TORRES, A.M. ; OLIVEIRA, D. F. ; PENHA, E. P. ; BLACKBERRYS, C. U. . ENVIRONMENTAL IMPACT STUDY - EIA AND ENVIRONMENTAL IMPACT REPORT - RHYME OF THE PORT TERMINAL FOR PRIVATE USE ? TPUP AND INDUSTRIAL UNIT FOR STORAGE AND PROCESSING OF GRAINS, IN THE ISLAND OF SANTANA, ESTADO DO AMAPÁ, BRAZIL. DIAGNOSIS OF THE PHYSICAL ENVIRONMENT.. 2013.
8. COSTA, W. J. P.; MARTINS, M. H.A.; FIG TREE, Z. R. ; NETO COAST, S.V. ; TAKIYAMA, L. R. . GEOENVIRONMENTAL SURVEY OF THE NEIGHBORHOOD OF ARAXÁ, MACAPÁ-AP: SUBSIDY TO THE PROJECT OF URBANISM AND LANDSCAPING.. 2002.
9. SILVA, A. Q. ; SODRE, S.V.; COAST, W. J. P. . ENVIRONMENTAL QUALITY REPORT OF WATER RESOURCES OF THE SOUTHERN REGION OF AMAPÁ (JARI RIVER BASINS TO THE VILA NOVA RIVER) - 2000. 2001.

HUMAN CAPITAL LATIN AMERICA – Directors Profile



MATEUS DRAXLER DAMAZIO

Logistic Director

- ▶ Expertise in Port Area Management for more than 15 years, currently as port management director of the Port of São Sebastião.
- ▶ Acquisition of vast national and international experience, working in the Port of Santos and jebel ali port in Dubai, throughout the logistics segment, from the stuffing of containers at source, transport to the Port, customs clearance, supervision in loading and disembarking, in import and export. Experience in prospecting for new markets and interface with customers, aiming at closing new business. Acting in conducting meetings and reporting, with data on the largest importers and exporters in Brazil in order to optimize the capture of customers, setting goals and consequently drawing up strategic plans to reach them.
- ▶ Development of cabotage project as integrator manager of private and public companies defined as “Cabotage Project North - Southeast, with scale in the Northeast”, constituted aiming an efficient integration between the north and southeast of Brazil, giving rise to an agile alternative to meet this market with a smaller transit time and a flexibility in the type of ship to meet cargo in container or large dimensions. Developing alternatives with cabotage shipowner, instructing consortium of two port operators, partnership between port authorities, enabling the cabotage operation. Teaching in port management course at FASS - Faculdade São Sebastião, and the discipline of International Business at FATEC - Faculty of Technology of São Paulo.
- ▶ Graduation in Business Administration with emphasis on Foreign Trade
- ▶ International Travel with port participation - 2011-2017 - USA/Miami - Dubai/United Arab Emirates

PROFESSIONAL EXPERIENCE

- ▶ BRAZILIAN FOREIGN TRADE COMPANY 08/2018 - 04/2021
Holding investments in Infrastructure for Brazilian foreign trade.

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HUMAN CAPITAL LATIN AMERICA – Directors Profile

MATEUS DRAXLER DAMAZIO

Logistic Director

- ▶ Consultant
Consultancy in studies on the future of the Port of São Sebastião
CITY HALL OF SÃO SEBASTIÃO 08/2018 - 04/2021
City hall of São Sebastião on the North Coast of the State of São Paulo, a municipality that includes port and tourist development.

Planning Secretary

Planning and dialogue to attract investors in municipal development.

▶ **Projects:**

- Home Port - Departure and disembarkation terminal for tourist ships, with hotel and entertainment complex.
- industrial district – attracting investors with export, import and cabotage potential.
- Marinas Publicas - investment in PPP format for installation of 3 units in the municipality
- Implementation of a unit of the company Olfar S/A, attracting the investor to use the port and accessing the public roads for the arrival of the southern contour of Nova Tamoios, job creation, increases in resources and port movement

▶ COMPANHIA DOCAS DE SÃO SEBASTIÃO 02/2014 - 08/2018

- ▶ Career employee of the Port Authority that manages the Organized Port of São Sebastião on the North Coast of the State of São Paulo. Main clients: Petrobras, VW, GM, Fiat, Solvay, SouffletGroup, Techint, PSA, Modec

▶ Port Management Director

- Development of operations, direction and direct negotiation with national and international players. Projects:
- Mar/2017 - Participation in the Sea Trade Global Cruise - Fort Lauderdale/USA with the mayors of São Sebastião, Bela Island and Ubatuba, for the construction of a terminal for passenger ships in São Sebastião
- Cabotage Project that introduces container handling in the Port of São Sebastião, with expansion potential for feeder movement and adding value for the expansion and construction of Tecon as a HUB alternative to the Brazilian port scenario

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HUMAN CAPITAL LATIN AMERICA – Directors Profile

MATEUS DRAXLER DAMAZIO

Logistic Director

- Participation in the expansion project with domestic and foreign investors
- Preparation and exhibition for 4 consecutive years at Intermodal South America, the largest logistics fair in the Southern Hemisphere

Main Achievements:

- negotiations with port technology developers to include the Port of São Sebastião as an alternative to exporting commodities.
- dialogue with operators and port workers to enable new cargo
- Adequacy to project cargo costs in competition between ports
- Partnership with construction companies to prospect Oil & Gas projects
- technical protocol focused on port management and commercial practices with the Port of Azores in Portugal.
- The Cabotage Project Manager with the participation of multinationals and public and private Brazilian companies

▶ TARGET PORT OPERACOES PORTUARIAS LTDA 09/2007 - 11/2013

Company of import, export, logistics and port operation. Managing Partner, focused on project consulting and logistics, import and export negotiations.

▶ Projects:

- Operational assistance and consultancy in import, export, logistics and port operation

Top Achievements:

- COLLABORATIVE TRANSPORTATION MANAGEMENT in Jebel Ali - Dubai - UAE
- Customs clearance of live cattle export, ship paints and ethanol plant

▶ BANKS OUR BOX AND BANK OF BRAZIL 2008 – 2010

Main Achievements:

- Employee for financial analysis and credit approval. MARITIME AGENCY - PETROBRAS 2006 - 2010
Maritime Agency responsible for serving ships that move 55% of Brazilian oil

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HUMAN CAPITAL LATIN AMERICA – Directors Profile

MATEUS DRAXLER DAMAZIO

Logistic Director

Main Achievements:

- ▶ Assistance to the ship and its crew with the authorities: Federal Police, Anvisa, Internal Revenue Service and Navy
Marlines International Transport - NVOCC 2005 – 2006
Customs Clearance Commissioner and Cargo Consolidating Agent

Main Achievements:

- ▶ Consolidation of cargo for export and import and customs clearance
EXPERT - Foreign Trade Advisory 2000 - 2004
Customs Clearance Commissioner
Main Achievements:
 - ▶ Customs Broker's Assistant registered in the Official Gazette under number 8A.08.793

EDUCATION

- ▶ Bachelor of Administration with Qualification in Foreign Trade - UNIMES
Sucroalcoholic Technologist (incomplete) - Federal University of São Carlos - UFSCAR
MBA in Port Management: Logistics, Infrastructure and Business. 2007- UNISANTOS
MTA (Master of Technology Administration) in Sugar and Energy Management - UFSCAR
Marketing Management (Port of Jebel Ali) - University of Wollongong in Dubai - UAE

COURSES

- ▶ 2014 - Antwerp Port Training Center - APEC and Secretariat of Ports of the Presidency of the Republic
SEP - Port Management Seminar



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