

# DIGITAL LIG

## Business Model

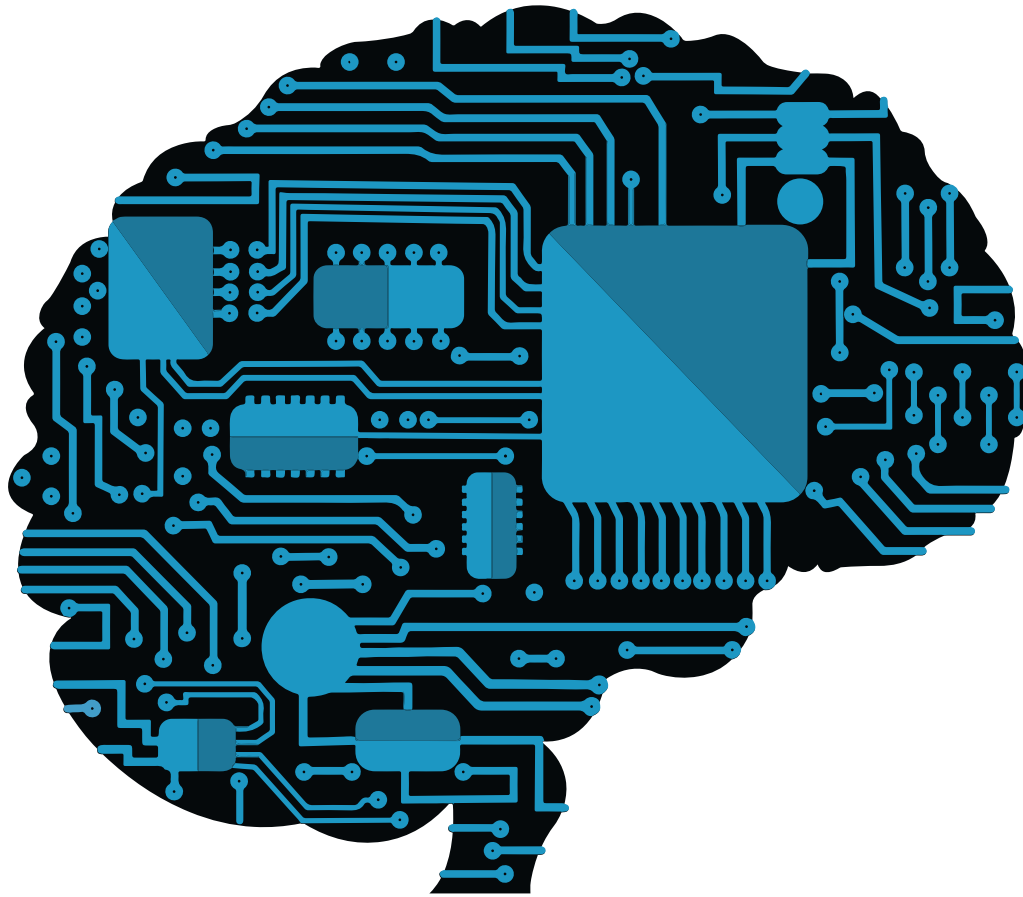
*Business model implemented in conjunction with our strategic partner:  
TS Talent Group, a company with more than 15 years  
in the area of Web Development*



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## **EVOLUTION** of the Mining Business to a **DIGITAL** Business Model



In order to make the transition from a mining business to a business with projections of becoming a "unicorn" entity, the incorporation of technology into its operations is required as an initial and irreplaceable requirement of its transformation process. This could imply, among other considerations, developing processes to automate the operations and administrative activities of the company, the use of advanced data analysis for processes of continuous improvement of operations, the use of artificial intelligence to optimize mining processes. or to explore new business opportunities, among many other possibilities.

Obviously, the transition process to a technology company that can reach a valuation equal to or greater than one billion dollars depends on many factors, many of them external to the organization, so it could be thought that it is a very ambitious goal. where the achievement of the final objective cannot be guaranteed, but despite this, at **LATAM INVESTMENT GROUP** significant changes began in our culture and work environment, with a focus on innovation, differentiating ourselves from large mining consortiums that have more traditional structures and hierarchical, thinking about our growth and development.

# OBJETIVOS PARA LA EVOLUCIÓN del Negocio DIGITAL

**1**

## Systematization of Operations

It establishes the structure around the technical and administrative operations, automated processes based on Technology and Innovation.

**2**

## Innovation and development

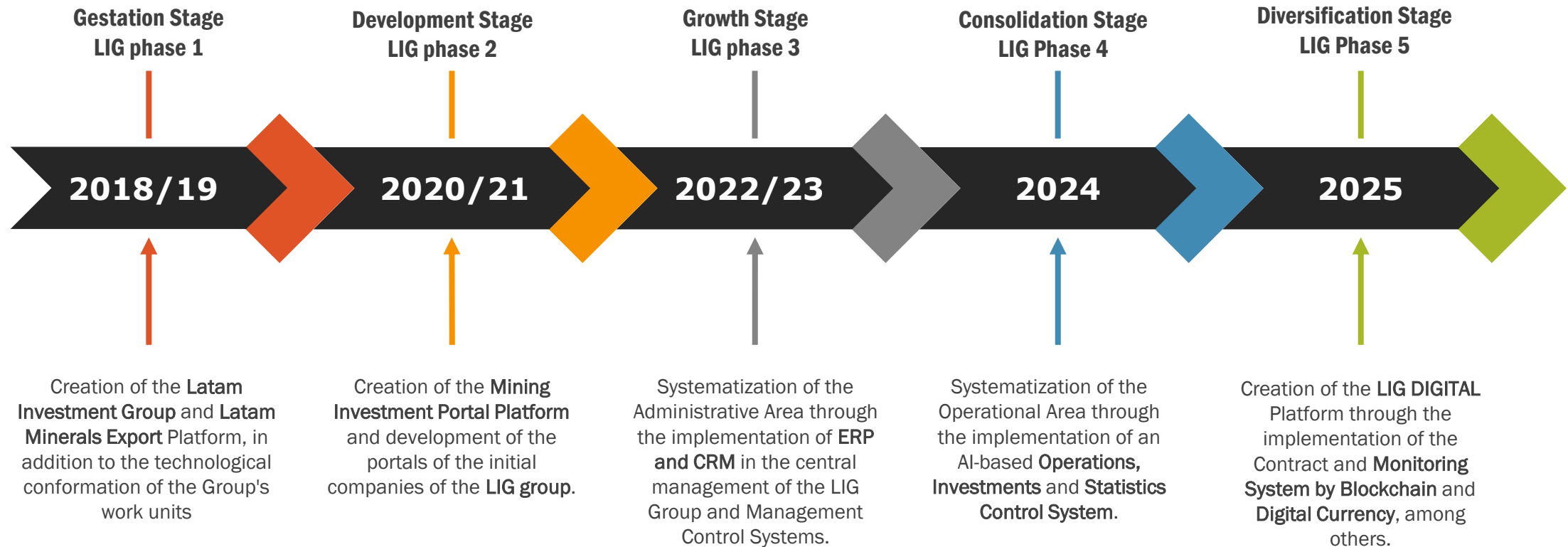
It implies modeling new business schemes based on the mining area, based on technology and innovation.

**3**

## Digital LIG development

It refers to the evolution of LIG in a technological model that implies, in addition to the traditional structure, a slope based on Technology with digital solutions.

LATAM INVESTMENT GROUP  
in its **TECHNOLOGICAL EVOLUTION**



LATAM INVESTMENT GROUP  
in its **TECHNOLOGICAL EVOLUTION**



Integration Stage  
LIG phase 6

**Systematization of the Administrative Area**



**Systematization of the Operational Area**

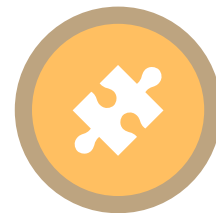


Internal implementation of a **Management Model** that, based on **Business Intelligence** structures **based on technology**, makes it possible to optimize all the **functional areas of the organization**.

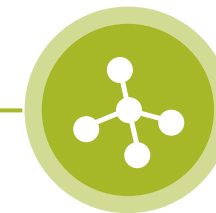


Public implementation of the **LIG Digital** Business Model with the aim of structuring itself in an alternative model that enables new business opportunities.

**Technological Integration of the Business Intelligence Model**



**Technological Integration of the Business Model Digital LIG**



# OBJECTIVES FOR THE EVOLUTION Of the DIGITAL Business

- **Gestation stage (2018/2019):** Stage where the technological structure of the business was conceived, and the functional platforms of **Latam Investment Group** and **Latam Minerals Export** were created.
- **Development stage (2020/2021):** Stage where SMIS is conformed and the Mining Investment Portal platform is structured, in addition to the technological conformation of emerging companies such as S3M, SMKM among others.
- **Growth stage (2022/2023):** Due to the expansion and consolidation of the LIG Group in the market, this stage formed the technological bases on which the administrative area of the company is based, which included the implementation of an ERP and CRM with in order to optimize the database of customers, suppliers and investors, as well as update the business model and marketing strategies.
- **Consolidation stage (2024):** This stage, due to the sustained growth of LIG and the consolidation of its position in the market, proposed a new technological structure that would make it possible to consider new business opportunities and the diversification of business activities. It includes the projection of a Mining Operations Control System and the use of AI in the formation of a Statistical System to shield the operational area of the organization.
- **Diversification stage (2025):** Taking advantage of the benefits of growth and the brand that was obtained in the previous stages, it was proposed in this stage, the power to diversify the technological structure of the organization for the development of a new business model that enables another area business based on a digital structure that includes the improvement of the Investment System thanks to AI models and BlockChain technology for the signing of Smart Contracts and the Formation of LIG Digital with its Gold-backed Digital Currency.
- **Integration stage (2026):** This stage proposes to integrate the different technology areas of the company in a common philosophy based on innovation and technology, which projects the possibility of transitioning to a business model that can generate income based on a digitally oriented structure. to final consumers.



# **TECHNOLOGICAL PROJECTS**

executed from

**2018 a 2023** In

the area **DIGITAL**

## PROJECTS IN THE AREA

### TECHNOLOGICAL 2018 to 2023



LATAM INVESTMENT GROUP



- Web portal / Social Media
- Management Platform:
- Enterprise Resource Planning System - ERP
- Customer and Supplier Management System - CRM

LATAM MINERALS EXPORT



- Web portal
- Management Platform.
- Modules by Countries

PORTAL DE INVERSIÓN MINERA



- Web portal / RR.SS
- Management Platform:
- Control System for Small and Medium Investments - CPMI

HOLDING GRUPO LIG



- Web portal / RR.SS
- Business Management and Control Platform

## PROJECTS IN THE AREA

# INNOVATION IN MINING 2018 to 2023



### Development of "Friendly" Technologies

Development of technologies for the extraction of gold and copper through environmentally clean technologies, and free of contaminants



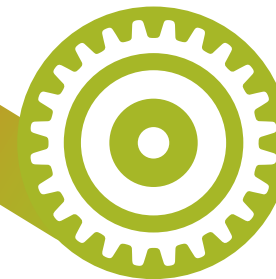
### Development of "Optimizable" Technologies

Development of technologies based on scientific innovation for the production and use of industrial scaling nanomaterials



### Development of "Clean" Technologies

Development of clean technologies for Leaching with a horizontal reactor, for sulfides and oxides through cavimetry. and chemical technology for polymetallic refining without electrowinning.





# TECHNOLOGICAL PROJECTS

executed from

**2024 a 2026** In

the area **DIGITAL**

## PROJECTS IN THE AREA

### TECHNOLOGICAL 2024 to 2026

#### ENTERPRISE RESOURCE PLANNING SYSTEM - ERP

Change to an ERP that incorporates a logistics module adjusted to the business area of the company with greater customization in business management



#### STATISTICAL CONTROL SYSTEM AND BUSINESS INTELLIGENCE - EBI

Development of an application for Decision Making based on data mining schemes and business intelligence.



#### MINING OPERATIONS MANAGEMENT CONTROL SYSTEM - GESOM

Development of an application oriented to the control of mining operations in all its phases through a mobile app in the project and Management Operational Control scheme.



#### CONTROL SYSTEM FOR COMPANIES AND INTELLIGENT CONTRACTS - SISOINT

Development of an application oriented to the establishment of smart contracts and establishment of commercial companies through a monitoring structure based on the Electra Protocol Blockchain.



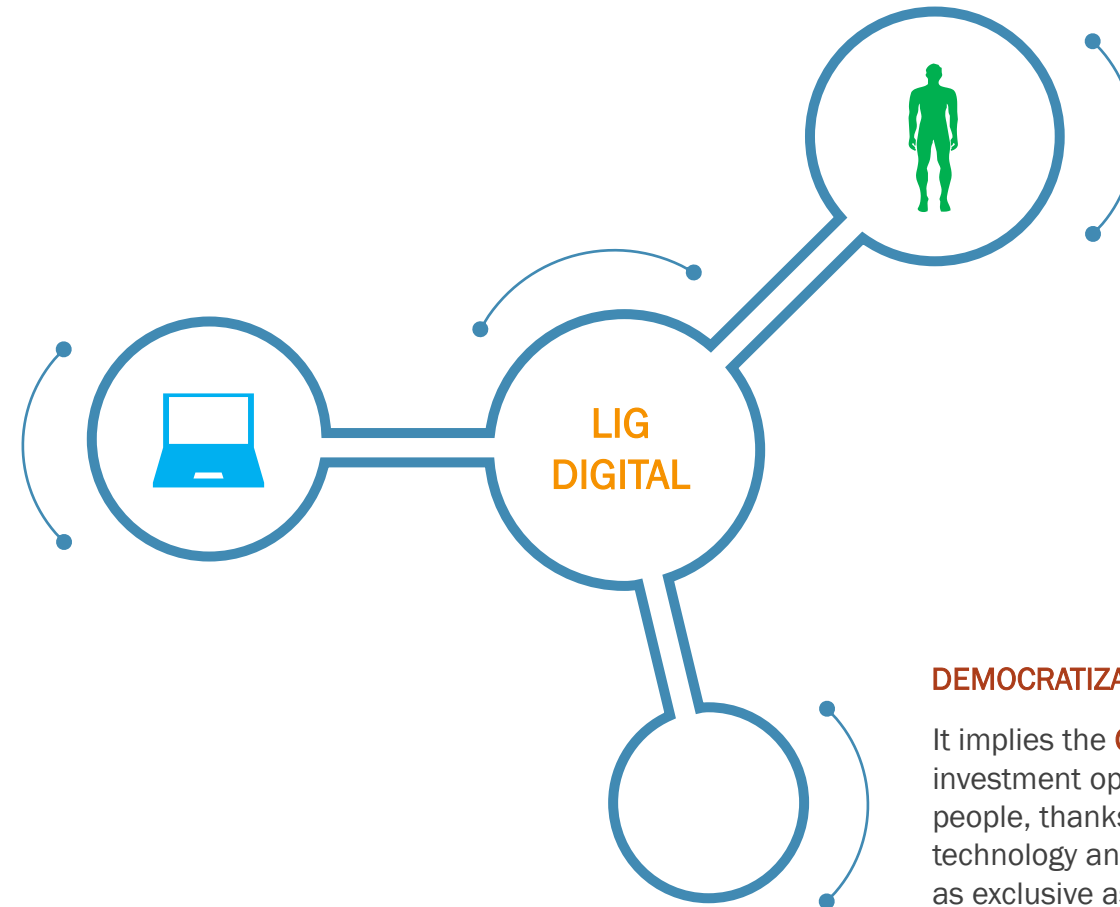
#### CONTROL SYSTEM FOR SMALL, MEDIUM AND LARGE INVESTMENTS IN LIG

Investment control system with performance management control, and performance prediction models through AI assistants within the functional structure of the Mining Investment Portal

**The**  
**EVOLUTION**  
**OF THE LIG to a**  
**DIGITAL**  
**platform**



# PROJECTS IN THE TECHNOLOGICAL AREA para la TRANSICIÓN a LIG DIGITAL



## INNOVATION AND TECHNOLOGY

It includes the entire process of **SYSTEMATIZATION and INNOVATION** of the company, both in its administrative areas and in the operational or substantive areas of the company.

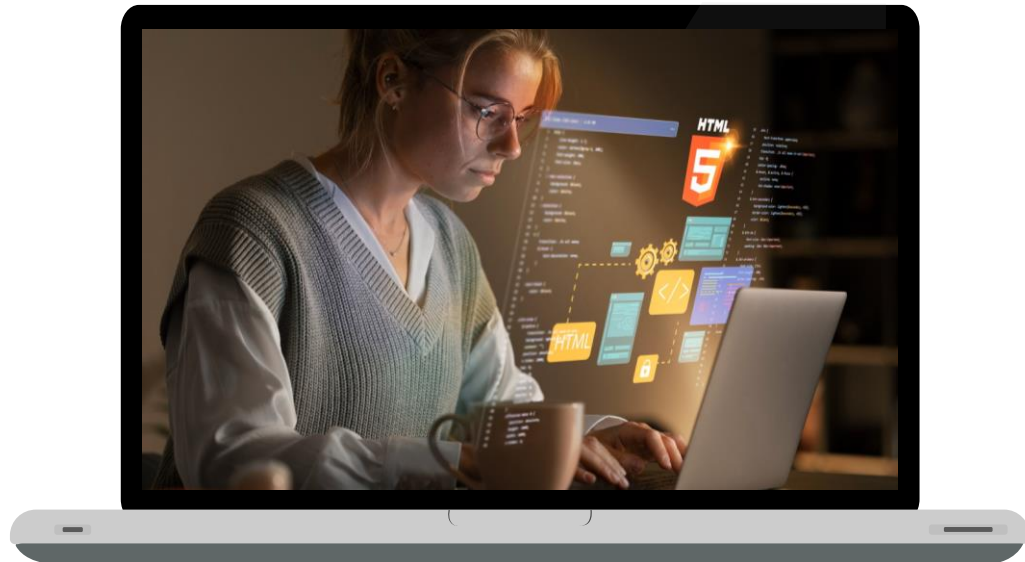
## HUMAN EMPOWERMENT

It implies that the **HUMAN TALENT** of the organization maximizes its potential in order to change its own paradigms and evolve towards a model based on Technology and Innovation.

## DEMOCRATIZATION OF INVESTMENT

It implies the **OPENNESS and ACCESSIBILITY** of investment opportunities to a greater number of people, thanks to the advancement of technology and digitization, especially in a ruble as exclusive as that of the MINING BUSINESS.

# WHAT TECHNOLOGICAL ELEMENTS MAKE UP A DIGITAL LIG?



- **Investment platform:** Establishes the development of a platform that will allow users to invest in different digital assets, including digital currency and LIG NFTs. This involves creating an intuitive and secure user interface for users to trade and manage their investments.
- **Digital currency:** The platform will have its own digital currency LIGCOIN that will allow users to invest in a digital currency backed by GOLD. This digital currency will use the existing Electra Protocol blockchain.
- **E-wallet:** The platform will provide users with a secure digital wallet to store and manage their digital assets, including digital currency and NFTs.
- **Tokenization:** The platform will enable asset tokenization, which involves converting physical LIG assets into unique or non-fungible digital tokens (NFTs) that can be traded. To implement the tokenization, an NFT-compatible blockchain such as Electra Protocol will be used, and the use of the smart contract system to create and manage the tokens.
- **Trading with NFT:** There will be an e-commerce that facilitates NFT trading, allowing users to buy, sell and trade these unique digital assets. This implies, in addition to the integration with our investment platform, the integration with the NFT OpenSea market to expand the market..

Our Digital Exchange Investment Platform will work in a DECENTRALIZED (DEX), manner using automatically executed smart contracts and protocols to facilitate transactions directly between users, working in conjunction with **COMPANY CONTROL SYSTEM** and **INTELLIGENT CONTRACTS - SISOINT** in the spectrum of digital signatures and the execution of **SMART CONTRACTS**. As elements of value our platform would have:

- **Lower commissions:** Even though LIGCOIN and the NFTs would be in Centralized Exchange, our platform would have lower commissions than these, thanks to the fact that we did not require an expensive infrastructure or a human team to manage the transactions.
- **Greater security and Privacy:** Being our platform a DEX environment, users would maintain full control of their assets at all times. It is not necessary to deposit the funds in an exchange account, which increases security and privacy and the possibility of a greater flow of investments.
- **Use of smart contracts:** Our platform will be based on smart contracts deployed on the Electra Protocol blockchain, which has great support from the international community. These smart contracts will set the rules and conditions for transactions and ensure that they are enforced automatically and transparently.
- **Applied graphical interface:** Even though the platform will be decentralized in terms of token exchange, the user interface will be centralized, allowing integration with our other systems and making it attractive to investors, as a differentiating element from other DEXs. This means that the web interface of our platform and other elements will be stored on centralized servers, but user funds are always in their own possession according to the rules of the smart contract in which the transactions take place.

A hand holding a smartphone with a digital interface, overlaid with large, bold text. The background is a blurred image of a person's face and hands, suggesting a digital or financial environment.

# INVESTMENT PLATFORM OF THE DIGITAL EXCHANGE OF THE LIG

# THE DIGITAL CURRENCY OF THE LIG IS BACKED BY GOLD

A gold-backed digital currency would imply that each unit of the currency would have an equivalent gold value. This means that the value of the currency would be backed by the value of the gold that backs it. By having gold backing, the digital currency would have greater stability and trust compared to traditional digital currencies that do not have a physical backing. These would be one of the important points to consider about **LIGCOIN**, the gold-backed digital currency of **LATAM INVESTMENT GROUP**:

- It will be based on the ELECTRA PROTOCOL (XEP) blockchain technology and will use digital tokens to represent the value backed by gold. Each issued token would be physically backed in the form of gold, which means that the value of each token would be backed by a specific amount of gold.
- LIGCOIN will be issued by our investment platform, but additionally it will be placed in exchange services of digital environments such as Binance or Kraken.
- It would have a massive advertising plan unlike other gold-backed cryptocurrencies such as Tether Gold, PaxGold and DigixGlobal, in order to match its use to that of more well-known digital currencies. The holders of the tokens will be able to consult the serial number of the gold bar assigned through the investment platform.
- It will have great stability as it is a gold-backed digital currency. This proposal seeks to take advantage of the stability and intrinsic value of gold to create a more secure and reliable digital currency.

It is important to note that gold backing a digital currency is not widely adopted today. Most of the existing digital currencies are not backed in gold and their value is based on confidence and market demand, so it depends more on a **MARKETING** optics. However, the idea of having a gold-backed coin has generated interest and debate in the financial and technological fields, so we believe that in the future this type of **StableCoin** will be used more frequently.

Our E-wallet, or electronic wallet, will work like any other digital wallet, fulfilling functions as an electronic payment instrument that will be used throughout the LIG environment. This implies providing greater comfort, speed and security in the group's transactions, by developing a safe and reliable payment environment that allows it to work in addition to traditional currencies, with the digital currency LIGCOIN. Our wallet would have the following elements:

- **Security:** A good e-wallet must guarantee the security of users' personal and financial information. This would be achieved through a complex system of data encryption and double-level password protection through fingerprint verification or facial recognition, to increase the security of transactions.
- **Integration with different payment options:** Our e-wallet will be compatible with a wide range of payment options, such as credit cards, debit cards, bank transfers and other popular methods. This will allow users to carry out transactions conveniently and without any hassle.
- **Ease of use:** The interface will have an intuitive and friendly structure that allows users to carry out transactions quickly and easily. In addition, it will offer customization options to suit individual user preferences.
- **Compatibility with LIG e-commerce:** Our e-wallet will be compatible both in digital purchases and in physical elements of the LIG Group in the first instance, but its growth is expected in the digital environment for online purchases in general, including power develop technologies such as NFC (near field communication) or QR codes to facilitate contactless payments in various physical environments.

A dark blue background with a glowing digital network of interconnected nodes and lines, creating a sense of connectivity and technology.

# THE DIGITAL INVESTMENT PLATFORM OF THE LIG

# TOKENIZATION based on LIG BUSINESS MODELS

Our platform will enable asset tokenization, which involves converting physical LIG assets into unique or non-fungible digital tokens (NFTs) that can be traded. To implement the tokenization, the NFT Electra Protocol (XEP) compatible blockchain will be used, and the use of the smart contract system to create and manage the tokens. It would involve the following elements:

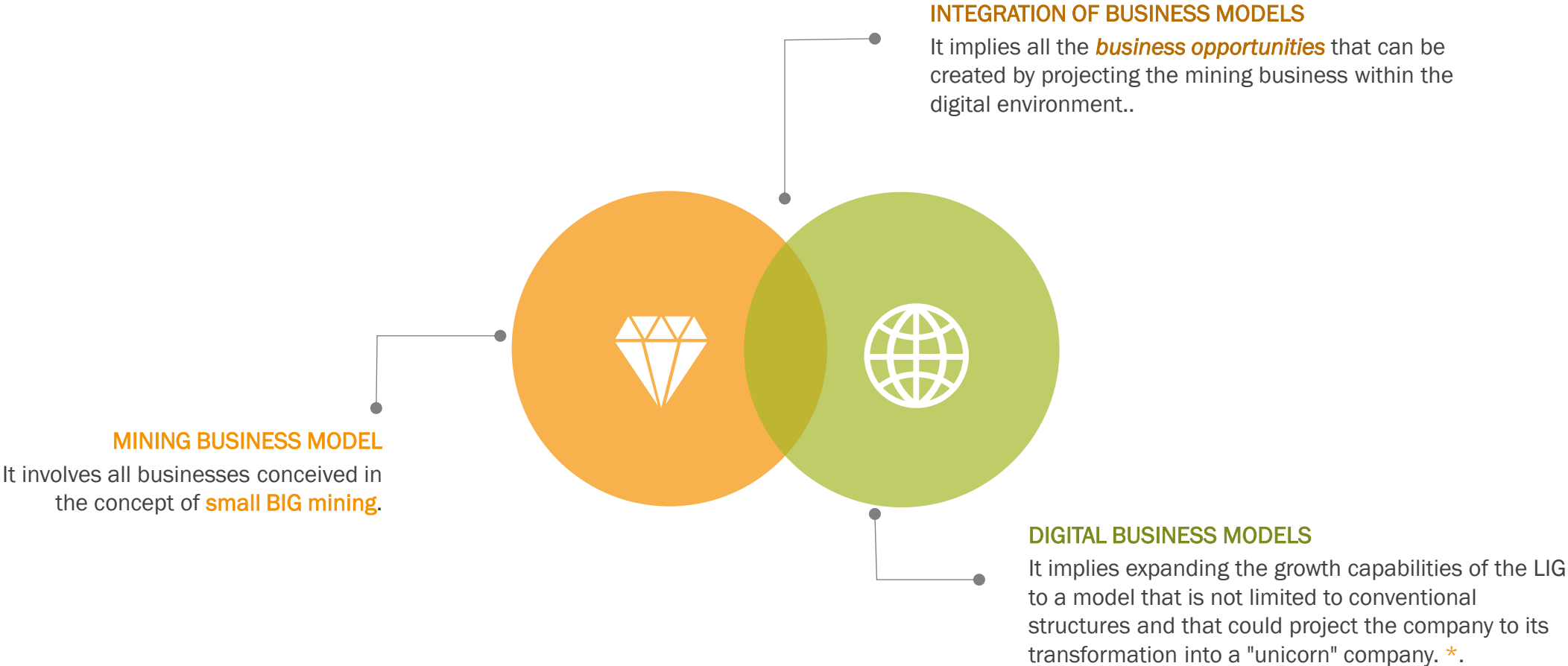
- **Efficiency and transparency:** Tokenization would boost efficiency in financial markets by eliminating intermediaries and allowing for faster and more transparent transactions. By digitizing assets and using smart contracts, processes such as clearing and settlement can be automated, reducing costs and speeding up transaction execution time.
- **Increased liquidity:** Asset tokenization can increase liquidity by enabling fractional ownership of assets and making it easier for retail investors to participate in traditionally illiquid asset classes. By dividing an asset into smaller tokens, the barrier to entry for investors is lowered and the possibility of greater liquidity in the market is created.
- **Transparency and security:** Tokenized assets are stored on a chain of blocks, which guarantees the transparency and immutability of transactions. Every transaction made with the tokens is recorded in the distributed ledger and cannot be deleted or modified, making it easy to track and verify transactions.
- **Investment democratization:** Our tokenization can promote more inclusive access to financial markets, as it allows investors to participate in a greater variety of assets, even with less initial capital. By partitioning the assets and allowing investment in smaller tokens, the barrier to entry is lowered and the investment opportunity is provided to a greater number of people.

Our **NFT e-commerce** will establish an online platform where users will be able to buy and sell non-fungible tokens (NFTs) such as our special gold certificates and other products derived from our business models. Our NFT will be a unique digital asset that will be framed in a chain of blocks of the Electra Protocol Blockchain, and that will be used to represent the ownership of unique elements of our organization. Among other advantages of our e-commerce would be:

- **Continuous income generation:** With an NFT store, you can generate sales now and in the future by creating an ecosystem for continuous buying and selling.
- **Royalty Integration:** Many NFT marketplaces integrate royalties, allowing creators to get paid for every purchase of their work sold.
- **Potential to sell digital and physical assets:** NFTs can be used to sell both digital and physical assets, expanding business possibilities.
- **Opportunity for expansion and growth:** NFT trading not only provides validation and support to expand the store in the future, but also allows customers of other business models to show the speed and reliability of the service.

# NFT e-COMMERCE based on LIG BUSINESS MODELS

# INTEGRATION OF THE DIGITAL BUSINESS MODEL AND THE BUSINESS MODEL IN MINING.



(\*) A unicorn company is a successful startup that has achieved a market valuation of at least \$1 billion without going public. These companies stand out for their technological innovation, accelerated growth, and customer focus. Although there is no exact formula for becoming a unicorn company, meeting certain conditions and taking advantage of the opportunities that technology offers are key factors in achieving that level of success.

# ORGANIZATION CHART STRUCTURE OF LIG DIGITAL



# CONCLUSIONS



**Our technological proposal  
is based on our HUMAN  
TALENT**

**“OUR VALUES  
ARE A  
REFLECTION  
OF OUR  
PEOPLE.”**