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Application programme interfaces play a vital role in facilitating seamless communication between information technology systems, offering the necessary flexibility to tackle the intricate challenges of our modern world.

As a result, there is enhanced collaboration among diverse parties, allowing them to leverage their unique capabilities and collectively generate value for customers.

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**This whitepaper aims to give an insight about the bank, our nature of business and to further explore the concept of open banking within the context of corporate investment banking, by identifying its various components, understanding its implications for our organization, and analyzing its impact on value creation in the financial services sector.**

We concluded that this concept changes value creation in the investment-banking environment and represents an approach to address business and corporate clients' needs in a more holistic way.

### **Open banking is more than just payment application programme interfaces**

Open banking consists of various important components that play together. While the approach leverages a technological infrastructure and financial information, we also see collaboration and culture as crucial components. The result of these aspects, if combined properly, are jointly developed or co-innovated solutions, which increase user value. This implies that close partnerships at parallel with others, for instance, software companies, are crucial. Furthermore, this also requires integrating the client into developing and implementing such a solution. With all parties involved in the process, we see significant value potential.

### **Open banking is not just another platform**

Although the open banking approach is based on the close interaction of various parties such as users, banks and non-banking partner companies, open banking is not just about building the next best platform. We believe that it is about additional user value, and to bring relevant parties together to create valuable solutions. This means that, as an investment bank, we can bring specific financial products to the table or aggregate specific data, which are necessary for a certain solution. Furthermore, a bank can identify and coordinate the best fitting partners, for example by leveraging their already large network. In the end, it will most likely not be a binary activity, but established banks will perform a mix of those activities for a solution to click into place.

### **Businesses and corporate clients are part of the equation – not just the result**

We identified three fundamental client needs: customized products and solutions – a high degree of automation and end-to-end integration, and a hybrid digital personal relationship. In the end, this might address the definition of intra-organizational communication standards. However, having a predefined set of products

and the right set of technical tools to provide them is not enough. Solutions should be created and provided in collaborative set ups, where clients are an important part of the equation. We acknowledge that a personal client relationship is highly important not just for convenience or in a moment of crisis, but also when discussing new opportunities and ideas to increase value. As a bank, we believe that we need to leverage our relationship managers combined with our powerful digital capabilities.

### **Nobody can do it all alone**

Along with technological possibilities, significant challenges will arise, which cannot be solved by one single party alone, especially in our increasingly complex world. We are convinced that these challenges must be tackled together. Sky Curve Bank has built up distinctive expertise and technological capabilities and we are eager to discuss possible partnerships with others. We want to give active support along the way when it comes to setting up the technological foundation, identifying opportunities or to leveraging the right resources. With a strong focus on the solution and the right minds involved across organizations, obstacles on the way can be eliminated.

### **Value comes from beyond the institutional borders**

Ultimately, we prove that the world is heading towards much closer cooperation and collaboration. Value is rarely being created in a garage by one person or organization alone – and even the best idea needs the right resources, know-how and perseverance for a successful implementation. We see a future where organizations are communicating and working together in a much more open way. Each party contributes unique assets and capabilities and when combining the strengths of each party, the potential for great solutions is almost infinite. This also applies to the cooperation between established banks and fintechs, which have often been considered as a threat by established banks in the past. However, fruitful partnerships are undoubtedly possible and will increase in number.

In today's ever-evolving global landscape, it becomes increasingly evident that the trajectory of our world is steering us towards a future characterized by enhanced cooperation and collaboration. As we delve deeper into this transformative era, we uncover compelling evidence that the creation of value is no longer confined to the solitary confines of a garage, driven solely by the efforts of an individual or an organization. Even the most brilliant ideas, brimming with potential, require a delicate interplay of various factors, including the right resources, a wealth of knowledge, and unwavering perseverance, in order to achieve successful implementation.

Envisioning this future, we glimpse a world where organizations transcend conventional boundaries and embrace a more open and inclusive approach to communication and collaboration. In this paradigm shift, every participating party contributes their unique assets, capabilities, and perspectives, converging to form

a powerful amalgamation of strengths. It is within these synergistic partnerships, wherein the tapestry of diverse talents is skillfully woven together, that the potential for extraordinary solutions becomes almost boundless.

This newfound spirit of collaboration extends its reach to various sectors, including the dynamic interface between established banks and fintech companies. Traditionally, established banks viewed fintechs as disruptive forces, looming on the horizon, challenging their dominance in the financial realm. However, a remarkable shift in perception has emerged, fostering the realization that fruitful partnerships between these seemingly disparate entities are not only feasible but also hold the key to unlocking unparalleled opportunities.

The establishment of symbiotic relationships between traditional banks, fortified by their extensive industry experience, vast customer bases, and robust regulatory frameworks, and the agile fintech companies, armed with their cutting-edge technological prowess, adaptive nature, and disruptive thinking, has the potential to reshape the financial landscape. By merging these complementary strengths, a fertile ground emerges, where innovative financial solutions can be cultivated, catering to the evolving needs and aspirations of consumers in an ever-changing world.

However, the concept of collaboration transcends the realms of banking and fintech, permeating across various industries and sectors. This transformative model can be extrapolated to envision a future where organizations from diverse domains converge, forming alliances to co-create solutions that transcend traditional boundaries. The fusion of expertise, resources, and perspectives from disparate sectors fosters a rich tapestry of ideas, propelling innovation beyond the confines of isolated efforts.

As we embark on this transformative journey, it is crucial to foster an ecosystem that nurtures and encourages collaboration. Regulatory frameworks must adapt and evolve, striking a delicate balance that embraces and supports these novel partnerships, while simultaneously safeguarding consumer protection, privacy, and fair competition. Open channels of communication between organizations, regulators, and stakeholders become vital conduits, facilitating a conducive environment for innovation, where risks are addressed, and concerns are mitigated.

In conclusion, we stand at the threshold of a new era, one that is driven by the power of collaboration and cooperative endeavors. Our world is rapidly transitioning towards a future where organizations recognize the potential of collective efforts, transcending individual aspirations, and embracing the limitless possibilities that emerge when diverse entities combine their strengths. By embracing this evolving landscape and fostering meaningful partnerships, we unlock the infinite potential that resides within the fusion of talents, propelling us towards a future adorned with extraordinary achievements and groundbreaking solutions.



# Introduction



## Background

Sky Curve Bank – Sky Curve **Finance** here in also referred to as the firm or the bank is a decentralized international and multicultural retail banking institution, accepting deposits, paying interest, and offering loan and other products as well as other investment banking services.

Sky Curve Bank caters to the worldwide crypto community, and operates a comprehensive online retail banking presence, allowing crypto and fiat depositors to transfer funds internationally, access credit and debit card services as well as other banking functions while earning interest. More importantly, expects to make a significant investment in cryptocurrency technology that it plans to bring to the marketplace.

As a fintech firm, we believe we bring a unique level of operational experience to the needs of the financial community. Although blockchain technology has exploded over the past few years with the success of Bitcoin, alternative coins and other applications, the banking community has traditionally resisted adopting blockchain technology in retail applications. With a decentralized currency and payment infrastructure being extremely disruptive to the banking industry, it is no wonder major banks have resisted adopting blockchain technology to support its retail business. Bitcoin has been belittled by many banks, even while in the background banks have been making investments in blockchain technology for applications such as internal funds transfers and also hyper ledger functions as well as many others.

All this has occurred in the backdrop of a cryptocurrency marketplace that has had overwhelming attention over the past year. Even with a retrenchment at the start of the year, the alternative coin space has come into its own. Many altcoin companies have brought considerable enhancements to blockchain technology, making important contributions to the crypto ecosystem which have further been adopted and enhanced again by other companies. The innovation in this industry and the speed of its adoption is unprecedented, even when compared to the major achievements of other already existing firms.

## Purpose

Sky Curve Bank – Sky Curve **Finance** seeks to position itself as major player in this space by offering a unique suite of financial services to crypto participants, and by innovating with a variety of blockchain enhancements that are focused on the financial industry. To accomplish these goals, Sky Curve Bank intends to undertake a Security Token Offering – STO for a new digital token.

Sky Curve Bank intends to marry present-day retail banking with the benefits of blockchain infrastructure to allow decentralization, autonomous transactions and smart contracts. To help drive crypto adoption to the mainstream, we also intend to make the more familiar functions available to cryptocurrency holders, such as demand deposit accounts, interest bearing savings, certificates of deposit and access to money market funds. However, we believe that all the banking products in the world will not drive adoption in the crypto space until a bank can provide enhanced security, ease of use and a few exciting developments found nowhere else.

Some key aspects of our anticipated technology are:

- The development of **smart contracts** that implement the depository options for cryptocurrency associated with our retail offerings;
- Proprietary **smart wallets** that unlock functions contained in the smart contracts and communicate with the bank using a proprietary protocol;
- A **security protocol** that uses data provided by smart wallets to enhance the security of wallet balances;
- A **KYC – AML** blockchain solution that provides instant validation and verification for KYC required transactions across the ecosystem; and
- A **deposit commitment** protocol enabling the earning of interest for all digital assets held in decentralized wallets in any location.

## The state of the blockchain ecosystem

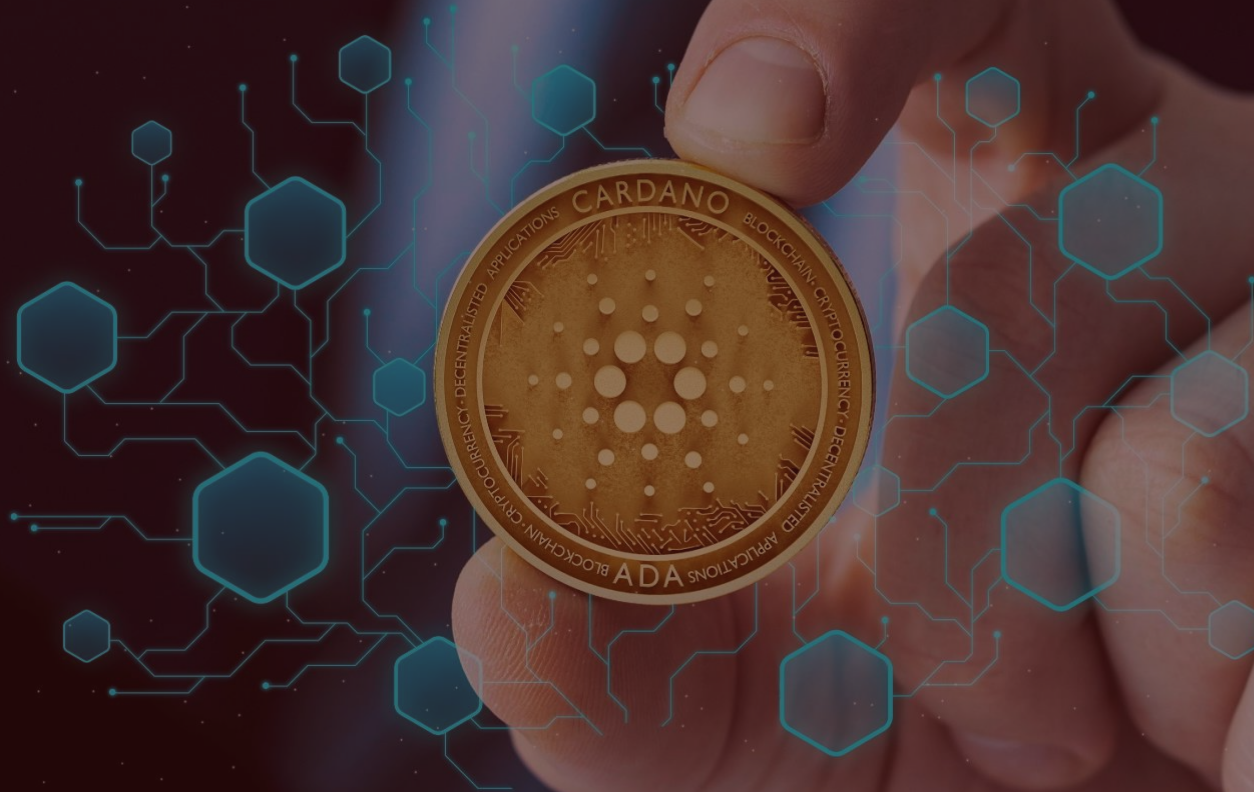
Blockchain technology, cryptocurrencies, and token sales have had an unprecedented rise over the past year. It was not too long ago that founders and VCs were mainly focused on centralized exchanges, enterprise or private blockchain solutions, and wallets amongst several other popular blockchain startup ideas that dominated the market from **2012** till date. However, the rise of Ethereum with its turing-complete scripting language and the ability for developers to include state in each block, has paved the way for smart contract development.

This has led to an influx of teams building decentralized projects seeking to take advantage of an important property of blockchains – the ability to reach a shared truth that everyone agrees on without intermediaries or a centralized authority.

Although enabling transactions without a centralized authority is the mainstay of blockchain technology, this obviously is a barrier to adoption by banks for their retail transactions. While it's possible that this is a welcome outcome among crypto enthusiasts who would prefer to do all their financial transactions off the grid, this factor also inhibits the widespread adoption among mainstream consumers who are not as concerned about anonymity but look for the familiarity, credibility and support from their banking relationship.

With anything new, there are always early adopters. In the crypto market, although the growth has been phenomenal over the past couple of years to over a **3.5 Trillion USD** market cap at the end of **2020**, the market is still only a tiny fraction of the size of traditional banking.





... enabling transactions without a centralized authority is the mainstay of blockchain tech.

The speculative aspects of the marketplace are exciting to some, but there are still barriers to widespread adoption, such as:

- **Security risks:** The crypto marketplace has been affected by a large number of hacks and breaches that have resulted in millions of stolen tokens representing billions of dollars of lost funds from traders, miners, and other participants. Mainstream adoption will be limited until a security solution becomes widespread.
- **Limited regulations:** A large number of frauds, including ponzi schemes and questionable investments that have eroded the fortunes of participants, has affected the crypto marketplace. As with any new financial instrument or marketplace, it takes time for legislators to catch-up with issues affecting potential victims.
- **Volatility:** Most people are risk adverse, unlike the existing crypto speculators who deal with the daily difficulties of this market. Many people would prefer to earn interest in a stable investment space instead of engaging in the gamble of trading between cryptos, only to lose principal on a daily basis.
- **Retail Hurdles:** Existing providers have not served the retail community effectively. Consumers still struggle simply buying bitcoin, and altcoins are not usually available for a direct purchase. For the most part, a bitcoin purchase is the only way to enter the altcoin space, by buying bitcoin first and then trading it within an exchange for another cryptocurrency. In addition, because of slow service, getting through KYC Verification at some providers can take days or even weeks.

### Challenges influencing the widespread adoption of crypto or digital currencies

- Regulatory uncertainty
- Scalability and transaction speed
- Lack of inter-operability
- Perception and reputation
- Volatility and lack of stability
- User experience and complexity
- Financial inclusion and accessibility
- Security concerns
- Retail hurdles
- Value fluctuation
- Limited regulations
- Risks



Sky Curve Bank as an investment-banking firm with a top-tier level of expertise in banking and finance aims to address these barriers with a better and more robust banking offering aimed at the crypto community. In addition, the bank is rolling-out new technology which implements needed functionality, security, and operational simplification in the space. An in-depth discussion of the technical aspects of the technology are contained later in this document. For now, visualize a bank with blockchain technology and systems that will be able to accomplish the following:

Crypto participation now goes beyond token ownership for speculation and trading. Now, decisions made about token functionality enable additional ownership benefits to be made available. This function reduces volatility by building intrinsic value into the token – not just some perception of value driven by speculation.

- Crypto purchase hurdles will be eliminated. streamlined KYC validation results will be stored on the blockchain with a token owned by each individual consumer. This system will create a standard that will be used industry wide with shared tokens offering instant KYC or AML validation across numerous transactions and vendors.
- Unauthorized transactions or stolen tokens are retrievable even though the perpetrator is anonymous and covers their tracks with sophisticated cloaking and obfuscation techniques, that is untraceable transactions now become retrievable.
- Although operating on a decentralized and distributed blockchain, a new set of rules protects the participants, taking an important step in self-regulation to protect the entire network and economy.

Because Sky Curve Bank is an actual financial institution, it desires to bridge the blockchain gap left empty with no central authority. Through new proprietary smart wallet technology, blockchain KYC solutions, specialized smart contracts, the bank plans to provide the key cryptographic and operational components to the ecosystem that enable retail banking. These functions can also enhance token ownership – allowing token owners to participate in the management of their portfolio. For example, based on choices made by digital assets collectors owners in smart wallets, deposits can be made remotely to enable interest payments by us depending on the kind of deposit that was made.

## Smart wallets and security

Any virtual currency aspires to achieve widespread and mainstream adoption. It is not farfetched to say that many crypto enthusiasts would like their crypto currency to replace their fiat currency for retail payments, savings and investments. They generally like the value proposition that comes with crypto, but its functionality brings only a subset of what fiat provides.

Let us take interest for example, parking your money at your local bank and getting interest payments in return is nothing new. However, what if you could take your Ripple into your local bank, make a deposit and get paid interest, while also watching its market value double or triple in comparison with your fiat deposits. While we all know this is coming someday to your local bank, Sky Curve Bank brings this to the marketplace today for multiple fiat and crypto currencies.

Let us take it one step further, it is one thing to physically make a deposit in a bank and earn interest. However, what if you could commit funds located in your exchange wallet to a bank and earn interest without having to make a transfer or a physical deposit? Although banks have spent billions of dollars over hundreds of years extending their branch networks to make it easier to service their clientele, Mevase Bank intends to prove that a branch network is unnecessary with virtual or crypto currency technology.

Our smart wallet technology is special in that it has two states of operation. It defaults to a standard crypto-container that stores an amount of digital assets and facilitates deposits and withdrawals on the Sky Curve Bank network. When activated, the smart technology utilizes a new proprietary protocol of communication that allows a smart wallet to connect with the bank to identify the options chosen within a given smart wallet. Conversely, interest meant to be paid-out to a token use the same protocol to travel back to the applicable smart wallet wherever it may be.

For security, we can agree that hacking and malicious theft is a major digital issue and will continue unabated. Huge companies concentrate exclusively on securing and hardening their client's systems. However, security is an ever-changing environment, and smart people with malicious intent will always find new ways to cheat the system. In our view, blockchain technology is one of the most exciting technological developments in the history of computing. Anonymity is key, and trust is paramount. This is why it is so important. However, theft in this environment is just too easy, and the bounties involved are just too enticing.

Smart wallets eliminate security threats because they communicate with Sky Curve Bank over our proprietary protocol. All new smart wallet addresses on the network are registered with Sky Curve Bank. The registration will enable interest payments to the smart wallet based on deposit options chosen by the token owner. By keeping track of addresses in this fashion, Sky Curve Bank can also see debits or withdrawals and credits or deposits in the network for every transaction.

completed Sky Curve Bank has no control over the transactions themselves, but having the data is a by-product of communicating with smart wallets as described in this paper.

In the event of an unauthorized transaction, Sky Curve Bank plans to track the beneficiary address of a theft, and retrieve funds even if hundreds of addresses are used in a chain to obfuscate the destination of a theft. Wallets or addresses associated with a fraudulent transaction can be frozen until an investigation is completed. While this system is being designed to support decentralized transactions that are independent of a central authority, the bank plans to provide an important oversight role that establishes a level of security that mainstream clientele can adopt as a state-of-the-art solution.

### **Facilitating crypto commerce**

Sky Curve Bank seeks to position itself to support the needs of both retail and corporate customers. Retail customers desire to make purchases of bitcoin and altcoins directly without KYC delays or problems with credit card authorizations. Corporate customers look to make larger crypto transactions possible without causing problems with their existing financial institutions, who might have anti-crypto policies in place.

Sky Curve Bank plans to support both of these constituents by establishing the infrastructure, relationships and capital required to enhance these functions in this marketplace. The anticipated result is more ownership, better support and larger transactions made available across all markets.

### **Escrow services and point of sale services**

Sky Curve Bank is currently developing a guaranteed-value point of sale merchant payment service that will allow vendors of large ticket items to sell products directly for crypto without concerns about crypto-market volatility. Likewise, for two or more parties looking to sell or buy crypto in larger quantities, Sky Curve Bank also has guaranteed-value escrow service services available to facilitate these transactions. These systems are positioned to bring large crypto transactions to the mainstream and service an under-supported niche in this marketplace.

### **Model**

The goal of the bank is to establish itself as the preeminent retail banking solution for the global crypto community. It aspires to pursue the following lines of business:

### **Retail Banking:**

- Multiple currency deposits by offering a unique suite of high yield products. These include Mevase Bank index funds – crypto, money market, standard certificates of deposit, and other retail accounts.
- Crypto deposits in a standard **transfer to** Sky Curve Bank **or leave on deposit** scenario to offer its high yield deposit products to crypto holders.
- A limited suite of high-yield deposit products to decentralized – digital assets holders.
- Payment services Sky Curve Bank will be offering credit and debit cards, including prestige cards manufactured in gold, silver, steel, aluminum and palladium, as a business-to-business solution to marketing partners with large affiliate customer bases.
- Mevase Bank will offer many lending products, achieving a return on equity as set by the board of directors.

### **Licensing:**

- Sky Curve Bank will package the smart wallet technology to be licensed to major banks worldwide. The bank hopes to demonstrate the benefits of using **Smart Wallet Technology – SWT**.

## Financial technology

Sky Curve Bank expects to add a suite of enhancements to the blockchain ecosystem. By creating a number of significant improvements, the bank hopes to bring needed financial expertise to the industry. Our technology is designed to support blockchain transactions completed in a decentralized environment, but further include an oversight component that enables essential functions required by retail banking.

By maintaining the benefits of blockchain infrastructure, which allow decentralization, autonomous transactions and smart contracts, Sky Curve Bank plans to take advantage of the prior art. However, to drive adoption to the mainstream, Sky Curve Bank believes it is necessary to introduce the more familiar functions customers expect from their banking provider, such as DDA accounts, interest bearing savings accounts, certificates of deposit and access to money market funds. But all the banking products in the world will not drive adoption in the crypto space until a bank can provide enhanced security, ease of use, and a few exciting developments found nowhere else. The following sections take a more detailed snapshot of our technology and why it makes sense for retail banking today.

Our technology is expected to reside in these core areas:

- The development of smart contracts that implement the depository options associated with our retail offerings;
- Proprietary smart wallets that unlock the functions contained in the contracts and communicate with the bank using a proprietary protocol;
- A security protocol that uses data provided by smart wallets to enhance security of wallet balances;
- A KYC – AML blockchain solution that provides instant validation or verification for KYC required transactions across the ecosystem; and
- A **deposit commitment** protocol enabling the earning of interest or dividends held in decentralized wallets in any location.

## Smart contracts

The bank has created unique **smart contracts** that establish all digital assets as a specialized financial platform, containing the functionality associated with retail bank products, which in turn, enables the control and placement of deposits at a bank. The smart contract at the core represents a **unit of deposit** at the bank and it allows the owner to make choices and control the disposition of funds – even while the balance is still in a decentralized wallet. For example, one choice

might allow the currency to be linked to an interest-bearing account, while another choice would allocate the balance to a demand deposit account associated with a debit card. The smart contract contains built-in options that can be controlled by our smart wallet technology that change the personality of the funds in applicable smart wallet even though the it is not located on the Sky Curve Bank network.

Sky Curve Bank plans a number of retail banking products that will be incorporated into smart contracts which may include:

- Demand Deposit Accounts – Merchant Services.
- Interest Bearing Savings.
- Certificates of Deposit.
- Money Market Accounts.
- Index Funds.

In its default state, our system allows any digital traded on an exchange of other cryptocurrency, but when activating the smart contract, it can also be associated with any of the deposit options built into the contract. Used in conjunction with a smart wallet, the owner can make choices about how to utilize his portfolio. By committing the balance to the deposit base of the bank, the funds can earn interest enabled by smart wallet technology.

## **Smart wallets**

The introduction of Sky Curve Bank **Smart Wallet** will be a new technology that enables user control of optional smart contracts and communicates these choices to the bank. Our platform is designed to be integrated with options based on any kind of smart contract. It can apply to the purchase of an item – stipulating color or size or the purchase of a service – providing a choice of amount or duration. As it relates to retail banking, we are using it for enabling the smart contracts that are the basis of blockchain – options relating to **unit of deposit** at the bank.

A smart wallet is designed to be integrated into any exchange or vendor looking to service the blockchain community. It defaults to a standard crypto-container that stores an amount of digital assets and facilitates deposits and withdrawals on the blockchain network of Sky Curve Bank. However, when activated, the smart technology utilizes a new proprietary protocol of communication that allows a smart wallet to connect with Mevase Bank to identify the options chosen. Conversely, interest or other awards meant to be paid-out use the same protocol to travel back to the smart wallet wherever it may be. This allows interest to be



earned even if they reside in an exchange. The question is, how do interest payments get awarded to an owner who is essentially the beneficiary of an anonymous transaction on the blockchain?

Like other banks, Sky Curve Bank is subject to KYC – AML guidelines. The objectives of these guidelines are to prevent banks from being used by criminal elements for money laundering activities. Taking a deposit at a bank even online can trigger a number of forms and procedures which start the verification process so that KYC guidelines can be met.

With digital assets banking, earning interest in decentralized wallets without a traditional deposit interaction, the challenge is how to uphold KYC rules with interest payments going to an anonymous owner of funds? The answer likely resides in how users interact with the smart wallet and how Sky Curve Bank handles their option choices.

### **Security – crypto-banking – decentralized and remote accounts**

In our view, global mainstream adoption of the crypto space cannot occur without getting a handle on security. Over the past years, over **5 Billion USD** in various crypto funds have been hacked, stolen or misappropriated. However, you describe it, this is far too important an industry to be deterred by theft, and although we live in a digital age where smart people can figure out ways of cheating the system there are many simple ways to not only deter a theft, but in the event one occurs, to retrieve the funds that were taken.

Many people in the crypto space want a solution, but truthfully, they also want anonymity, no central authority, peer to peer exchanges and established trust. As Sky Curve Bank, we want this too, but this does not address the simple case of leaving your laptop lit to go to the bathroom while someone can peek into your wallet passwords. People make security mistakes and in truth, blockchain technology is analogous to a simple door lock. As the old saying goes, it keeps honest people honest.

We live in a world where malicious hacks are increasing not decreasing. Leaving the blockchain to fend for itself in terms of security, with so many touch points and so many peers using the system is like eliminating the sheriff in the wild west. You can try to board up the doors and even the windows in your bank, but malicious people will always find a way in. Because our smart wallet technology communicates with Sky Curve Bank to facilitate interest payments among other things, smart wallets should introduce a new concept to the blockchain – oversight.

## Oversight

Smart wallets eliminate security threats because they communicate with Sky Curve Bank over its proprietary protocol. All new wallet addresses on the network are registered with Sky Curve Bank. As stated above, we use this to enable payments or awards to the wallet based on options chosen by the token owner. By keeping track of addresses in this fashion, we can also see debits or withdrawals and credits or deposits in the network for every transaction completed. Sky Curve Bank will have no control over the transactions themselves, but having the data is a by-product of communicating with smart wallets as described in this paper.

By introducing this oversight, Sky Curve Bank plans to react to an unauthorized withdrawal by freezing the wallet that is the beneficiary of a theft. Funds can be retrieved in the event of an unauthorized transfer because Sky Curve Bank is in communication with all the wallets in the blockchain system. Although this concept might be contradictory to the core philosophies of the blockchain, the benefits of the security enhancement far outweigh the loss introduced by simple oversight.

With the Sky Curve Bank system, we plan to track the beneficiary address of a theft, and retrieve funds even if hundreds of addresses are used in a chain to obfuscate the destination of a theft. Wallets or addresses associated with a fraudulent transaction can be frozen until an investigation is completed.

## Decentralized and remote accounts

When is a deposit a deposit? Traditional banking would obviously say when a bank takes possession of your funds and puts it in your account for safe keeping. From there, they can leverage the funds in their portfolio to lend-out, to charge interest and make profits. This is the way it has worked for thousands of years and there has been no reason to change it, until now.

In our model, we take advantage of digital currency to make changes to the paradigm. With crypto, a physical deposit is no longer required. If digital assets are committed to us, we can leverage those funds as if they were physically deposited into an account.

Traditionally, a cash deposit is put into any number of instruments to earn interest. If a bank has a credit card portfolio charging **30 percent** interest per month, some of this cash might be allocated to fund purchases on their credit card base. In this case, cash deposited is utilized to make a purchase on a credit card for a customer and that customer is charged the interest on the revolving credit. This is an overly simple example, but it helps to explain how Sky Curve Bank can take deposits remotely.

When digital or crypto assets or currencies are committed, Sky Curve Bank does not have access to those funds to spend on financial instruments or credit card portfolios to earn interest. However, the funds are set aside in the smart wallet and are secured, no withdrawals allowed until they are released. There are a number of strategies to enable access to those funds but the simplest will have Mevase Bank selling an equivalent amount of digital assets in the open market for cash.

By covering these deposits with equivalent transactions resulting in cash, Sky Curve Bank can make investments just like any other bank to earn interest or margins on other financial instruments. This process is analogous to taking a loan out using your savings as collateral. There are costs associated with doing business this way but the benefits far outweigh the extra overhead.

Like any other bank, Sky Curve Bank intends to operate on ratios and reserves. In traditional banking when a deposit is made into a savings account, there is a good chance that the deposit will be left for a considerable period of time. In our view, commitments of digital assets in exchange savings accounts will have a much smaller duration, but across all the smart wallets, the pooled amount will be very significant. We anticipate studying the ratios and duration of committed digital assets in our initial stages to maximize efficiency in the leverage of the bank and trading to maximize earnings.

## KYC

The **Know Your Customer** and **Anti-Money Laundering** guidelines are an important development affecting retail banking and the crypto community at large. There has been a great deal of resources applied by larger institutions to comply, and a large number of service providers have cropped up with validation services or techniques that assist smaller operators to conform. The overhead for large and small operators alike has been a significant issue, but more importantly with every new account, customers have had to re-do their validations and in many cases, been forced to wait days before being verified new accounts. Some potential customers give up during the wait, looking for easier more streamlined applications with other service providers.

Sky Curve Bank is developing technology that solves the frustrations surrounding the overhead, multiple applications and the processing time with KYC. Operating on a stand-alone blockchain backbone, our KYC token is being developed with smart contracts that contain standardized KYC information encrypted in the blockchain. KYC tokens can be created on our website and stored in a KYC wallet on a computer belonging to the customer or client.

The KYC smart contracts are being designed to include attachments of various kinds that contain a user's personal information, including images, forms, data and other holders of information that relate to a person's identity. After providing this personal data one time, a token will be created, encrypted and stored on behalf of the user. As an important line of business Sky Curve Bank will certify the validity of the information, so that other vendors or service providers can take the KYC Token at face value and with a private key exchange, decrypt the information for their application for easy verification.

# Business models



## Retail business model

### Jurisdiction

Our existing privileges in EEA, Hong Kong, and the USA already enables the bank to operate, but we seek additional to increase our correspondent banking capabilities in favorable jurisdictions as well as to establish additional lines of business. As a bank, Sky Curve Bank will be regulated under various offshore banking legislation in each jurisdiction concerning that of the international community.

Therefore, Sky Curve Bank will be subject to its authority as guided by the regulations in the regions of operations. Among other things, this authority permits the applicable regulatory authority to restrict or prohibit activities that are determined to be a serious risk to the bank. The bank must have sufficient capital and an effective capital planning process, consistent with its overall risk profile and considering the size, scope, and complexity of its operations, to ensure its safe and sound operation.

### Business overview

The anticipated principal business of Sky Curve Bank is to provide retail banking and certain wealth management services to individual and corporate customers through its online web platform. Traditional banking activities will include extending secured and unsecured personal and commercial loans, and accepting consumer and commercial deposits. These banking activities will be conducted online, with an around the clock personal banking support provided in multiple languages by Sky Curve Bank loan officers and personal bankers located around the world.

Our retail product delivery network is planned to include access to funds from a worldwide Automatic Teller Machine – ATM network, a dedicated online video chat support system in lieu of contacting support via international telephone and a comprehensive online application software suite that provides access to the products and services of the bank.

### Deposit accounts

Sky Curve Bank will accept deposits in multiple currencies, including USD, Euro and British Pound Sterling. The bank will also be the first retail bank to accept key crypto currencies on deposit including Bitcoin, Ethereum, LiteCoin, USDT, Bitcoin Cash and others, which will be made available on request. These currencies will be

on par with our fiat deposits, and will be provided access to all high-yield deposit products, which are anticipated to include Savings Accounts, Money Market Accounts, Certificate of Deposits, and accounts linked to certain Index Funds.

Interest rates on high-yield accounts will be set from time to time by management to stay competitive in the marketplace but also to maintain minimum operational margins as set by the board of directors.

## **Lending**

Sky Curve Bank plans to create a number of lending products that will offer secured and unsecured commercial and personal loans through an automated application process.

Types of loans will include:

- Lines of credit; associated and linked to DDA accounts.
- Personal loans; unsecured – based on credit and ability to pay.
- Personal loans; secured – collateralized by deposits.
- Commercial loans.

Based on our intended licensing expansion into additional geographical areas, the bank will also launch automotive and mortgage financing.

## **Debit and credit cards**

Sky Curve Bank plans to offer a wide range of proprietary credit and debit cards. This includes high-end prestige cards manufactured in gold, silver, steel, aluminum and palladium. Sky Curve Bank owns the Sky Curve Bank domain and will be aggressively marketing its prestige solution to the crypto marketplace.

Manufacturing and production capabilities are already in place and this line of business will be rolled-out quickly. The primary sources of revenue for this line of business includes interest income, interchange income and fees collected from customers.

# Starting with Sky Curve Bank



Sky Curve Bank offers diversified sustainable portfolios as pertaining the services we render as a financial institution. These investments and trading portfolios such as **FDR, annuities, trading, arbitrage** and **halal investment** contains several plans and packages for any user at any level notwithstanding the level of knowledge in investment banking.

## **Fixed Deposit Receipt – FDR**

As one of the most common savings and investment options used by individuals, fixed deposits provide investors with an interest rate that is higher than what is offered on normal savings accounts. The maturity value of a fixed deposit is based on the date of maturity chosen by the individual. Individuals opt for fixed deposits as they are not risky and also provide assured returns.

Sky Curve Bank also offers **Deposit Pension Scheme** referred to as **DPS** which is an installment-based savings deposit for individual customer. In this account a customer deposits a certain amount of money for a certain period, and on maturity an agreed amount will be paid to the customer. This could be referred to as **Pension Funds Investment**.

## **Annuities**

An annuity is an insurance product designed to provide consumers with guaranteed income for life. Annuities are insurance contracts that provide a fixed income stream for a person's lifetime or a specified period of time. An annuity can be purchased with a lump sum or a series of payments and begin paying out almost immediately or at some point in the future. Annuities are often used as a way to fund retirement.

Annuities can be optimized for income or long-term growth, but they are not short-term investment strategies. These products appeal to people whose objectives include long-term financial security, retirement income, diversification and principal preservation.

## **Arbitrage**

Arbitrage trading is a relatively low-risk trading strategy that takes advantage of price differences across markets. Most of the time, this involves buying and selling the same asset – like Bitcoin – on different exchanges. Since the price of Bitcoin should, in theory, be equal on Binance and on another exchange, any

difference between the two is likely an arbitrage opportunity.

Arbitrage describes the act of buying a security in one market and simultaneously selling it in another market at a higher price, thereby enabling investors to profit from the temporary difference in cost per share. In the stock market, traders exploit arbitrage opportunities by purchasing a stock on a foreign exchange where the equity's share price has not yet adjusted for the exchange rate, which is in a constant state of flux.

The price of the stock on the foreign exchange is therefore undervalued compared to the price on the local exchange, positioning the trader to harvest gains from this differential.

Although this may seem like a complicated transaction to the untrained eye, arbitrage trades are actually quite straightforward and are thus considered low-risk. This is a very common strategy in the trading world, but it is mostly been a tool of large financial institutions. With the democratization of financial markets thanks to cryptocurrencies, there might be an opportunity for cryptocurrency traders to take advantage of it, too.

### **Halal investment**

Halal Investment, also referred to as Islamic finance or shariah-compliant finance, refers to financial activities that adhere to Shariah or Islamic law. Two fundamental principles of Islamic banking are the sharing of profit and loss, and the prohibition of the collection and payment of interest by lenders and investors.

Islamic banking is grounded in the tenets of the Islamic faith as they relate to commercial transactions. The principles of Islamic banking are derived from the Qur'an – the central religious text of Islam. In Islamic banking, all transactions must be compliant with shariah, the legal code of Islam or based on the teachings of the Qur'an. The rules that govern commercial transactions in Islamic banking are referred to as **fiqh al-muamalat**.

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Other primary services, products and opportunities we offer as a financial institution are further described with the following terminologies – **savings, fixed deposits, assets, trading, loan and affiliate schemes**.

All the abovelisted as offered by Sky Curve Bank are further explained thus:



**... open banking influences business and corporate clients**



## **Savings**

Savings, refers to the funds that a person or an institution has left over they subtract out their expenses from disposable income over a given period of time.

Savings therefore, represents a net surplus funds for a person or an institution after all expense and obligations have been paid. Sky Curve Bank keep savings for its clients, exposed to absolutely no risks of loss but also come with correspondingly minimal returns or interests as opposed to dividends. For the yield from savings to be increased exponentially, it must be put through investments programs, schemes or plans.

## **Fixed Deposits – FD**

A Fixed Deposit – FD is a financial instrument provided by Sky Curve Bank, which provides investors with higher rates of interests or returns than a regular savings account, until a given or specific maturity date. It may or may not require creation of a separate account. In regions such as Canada, Australia, New Zealand, India and United States, they are referred to as term deposits or time deposits but in the EU and United Kingdom, they are referred to as bonds.

For a fixed deposit, it is the money that cannot be withdrawn from such account as compared to recurring deposits or a demand deposit before maturity.

## **Assets – digital assets**

Digital assets are digital representations of values that are not issued or guaranteed by a central bank or public authority, hence, uncontrolled by it and do not have the legal status of currency or money. They are accepted by natural or legal persons as a means of exchange or payment or are used for investment purposes and can be transferred, stored and traded electronically.

## **Trading**

Crypto-trading by investment management firms refers to the practice of buying, selling, and managing cryptocurrencies as part of their investment portfolios on behalf of their clients. Investment management firms, also known as asset management firms or investment advisors, are responsible for making investment decisions and managing portfolios on behalf of individual investors, institutions, or funds.

In the context of crypto-trading, we apply our expertise and resources to analyze the cryptocurrency market, identify investment opportunities, and execute trades on behalf of our clients. This can include trading various cryptocurrencies such as Bitcoin, Ethereum, Ripple, Litecoin, and others. The bank involves in this form of trading to generate profits for our clients by strategically investing in cryptocurrencies. We sometimes employ various investment strategies, including long term buy-and-hold approaches, active trading strategies, or a combination of both, depending on our clients' investment objectives and risk tolerance.

Sky Curve Bank have a dedicated team of professionals with expertise in cryptocurrency markets, blockchain technology, and risk management. These teams conduct in-depth research, analysis, and due diligence to assess the potential risks and rewards associated with different cryptocurrencies. They consider factors such as market trends, fundamental analysis, technical indicators, and regulatory developments to inform their investment decisions.

Crypto-trading offers several advantages to our investors. We can provide access to professional investment expertise and experience in navigating the complex and volatile cryptocurrency markets. We can also offer portfolio diversification by including cryptocurrencies alongside traditional asset classes, potentially reducing the overall risk of the investment portfolio.

Additionally, we leverage our existing infrastructure and systems for portfolio management, risk management, and reporting, making it more convenient for investors to access and monitor their crypto investments.

## **Loan**

In finance, a loan refers to the lending of funds or assets by one or more individuals, organizations, or other entities to other individuals or organizations as where it applies. The recipient who is the borrower incurs a debt and is usually liable to pay interest on the debt until it is repaid as well as to pay the principal amount borrowed.

There is always an issuance or document evidencing the debt that normally specifies among other things, the principal amount of money borrowed, the interest rate the lender is charging, and the supposed date of repayment.

Mevarse Bank offers loans to prospective individuals and corporate bodies with little or no interests with the aim of empowering them.

## **Affiliate schemes and partnerships**

This describes a means of earning by being an indirect member of the mechanical part of the bank being Sky Curve Bank. As an affiliate or a supposed partner, you contribute to the progress of the bank through a supposed referral pattern which is intended to facilitate the growth and expansion of Sky Curve Bank. These efforts are duly rewarded automatically based off the investment deposits made by the supposed downlines or chain of the affiliate or partner.

Partnerships can also be from any form of colossal contribution which stimulates the growth of the bank in a big way. Sky Curve Bank also offers corporate partnership programs for organizations who wish to become an affiliate.

Open banking within the context of corporate investment banking with Sky Curve Bank refers to the practice of providing external parties, such as corporate clients, fintech companies, and other financial institutions, access to Sky Curve Bank data, services, and infrastructure through open application programming interfaces. This concept revolutionizes how financial services are delivered and creates opportunities for collaboration, innovation, and value creation.

Let us explore the various components, implications, and impact of open banking for Sky Curve Bank in the corporate investment-banking sector:

- **API Connectivity:** Open banking relies on application programming interfaces to establish secure and standardized connections between systems and external parties. By exposing application programming interfaces, Sky Curve Bank enables authorized partners to access a range of services, such as transaction data, account information, payment initiation, trade execution, and liquidity management. This connectivity streamlines the exchange of information and enables seamless integration between Sky Curve Bank and external systems.
- **Collaboration and Partnerships:** Open banking fosters collaboration between Sky Curve Bank and external entities. It encourages partnerships with fintech companies, technology providers, and corporate clients to jointly develop innovative solutions tailored to specific business needs. For example, Sky Curve Bank can collaborate with a fintech specializing in supply chain finance to offer integrated solutions for corporate clients, leveraging the bank's expertise and the fintech's technology.
- **Enhanced Customer Experience:** Open banking enables Sky Curve Bank to offer corporate clients a more personalized and streamlined banking experience. Through secure data sharing, corporate clients can access their financial information, initiate transactions, and manage their banking activities in a seamless and efficient manner. Sky Curve Bank can integrate its services into the corporate clients' own systems, providing real-time financial insights and empowering clients with greater control and visibility over their financial operations.
- **Innovation and Product Development:** Open banking drives innovation by enabling Sky Curve Bank to tap into external expertise and technology. Through collaborations with fintech partners, the bank can leverage cutting-edge solutions for areas such as risk management, trade finance, cash management, and investment analysis. This promotes the development of new financial products and services that meet the evolving needs of corporate clients, fostering a culture of innovation within

- **Data-driven Insights:** Open banking allows Sky Curve Bank to harness the power of data to generate valuable insights. By aggregating data from various sources, including external systems and partner application programming interfaces, the bank can analyze patterns, trends, and behaviors to gain deeper insights into client preferences, market dynamics, and risk profiles. These insights can drive informed decision-making, support customized product offerings, and enhance risk management capabilities.
- **Regulatory Compliance:** Sky Curve Bank must ensure compliance with relevant regulatory frameworks when implementing open banking practices. Compliance with data protection and privacy regulations, such as GDPR – General Data Protection Regulation, and adherence to security standards are critical considerations. Sky Curve Bank needs to implement robust data governance frameworks, consent management processes, and security protocols to protect client data and ensure compliance with regulatory requirements.
- **Ecosystem Expansion:** Open banking facilitates Sky Curve Bank integration into a broader financial ecosystem. By connecting with other financial institutions, market infrastructures, and technology providers, the bank can participate in collaborative networks, exchange information, and access additional services. This expands the reach and capabilities of Mevase Bank, enabling it to offer comprehensive and interconnected solutions to corporate clients.
- **Value Creation:** Open banking presents opportunities for value creation in the financial services sector. By leveraging open application programming interfaces, Sky Curve Bank can offer tailored, innovative solutions that meet the specific needs of corporate clients. This leads to increased client satisfaction, improved operational efficiency, and enhanced competitiveness. Open banking also promotes ecosystem-level value creation, as collaborations and partnerships foster the development of new products, services, and business models that address emerging market demands.

Technology has a substantial impact on how people and organizations interact with each other. With ever more possibilities to collect, process, store, and share information, there are more and more opportunities to create value. Collaboration and co-innovation are key factors: only with relevant information from every involved party, with the right resources, and the necessary expertise, we will be able to create new and better solutions.

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## **Methodological approach of the bank**

This whitepaper represents the collaborative efforts of Sky Curve Bank business experts and researchers. Our insights are derived from three primary sources, ensuring a comprehensive and well-rounded analysis.

Firstly, we conducted an extensive desk research phase. This involved thorough examination of academic discussions, practical studies, whitepapers, and news articles related to the subject of corporate investment banking. By synthesizing information from various reputable sources, we gained a comprehensive understanding of the topic.

Furthermore, we incorporated our technical expertise and business experience into this paper. Our team engaged in insightful discussions with Sky Curve Bank client advisors and product teams, allowing us to integrate their valuable insights and perspectives. This internal collaboration helped us align our findings with the practical realities of Sky Curve Bank operations. To validate and enhance our ideas, we conducted several interviews. Our interviewees included clients, fintech companies, consulting firms, another financial institution, and a banking software provider. These interviews provided valuable insights, allowing us to gather specific feedback, identify recurring statements, and uncover emerging trends. We meticulously documented these interviews, capturing general insights as well as specific quotations that resonate with the perspectives shared by our interview partners.

The results of our research and interviews were thoroughly examined and refined through several meetings held. These collaborative discussions among our team members and relevant stakeholders enabled us to scrutinize our findings, challenge assumptions, and develop a nuanced understanding of how open banking through corporate investment banking can impact corporate and business clients.

## **Appreciation and acknowledgement**

On behalf of the entire team of Sky Curve Bank we would like to acknowledge and express our immense admiration and gratitude for the amazing efforts and relentless attitudes of our sponsors and affiliates who did everything in their power and jurisdiction to make sure that this document as a prioritized project is completed successfully.



We also would use this medium to congratulate our various heads of operation units and departments for putting in their very best in this project.

Finally, we most appreciate the relentless efforts of our shareholders, members and clients as we further pride in your hard work and dedication in making every of our critical projects a great one.

Thank you all once again for your contributions.

On behalf of Sky Curve Bank

**Hillary Jonathan B.**

Head of Research,

Sky Curve Bank –Sky Curve Finance.