Dulcis in Fund

Project work MasterZ
Crédit Agricole & BlockInvest

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State of the art

The accessibility and management of investments in **Alternative Closed-Ended Funds** is not efficient.

PRIVATE EQUITY   **REAL ESTATE**   **VENTURE CAPITAL**

Main restrictions:

- Limited access due to high entry investment tickets
- Limited liquidity and 5 to 7 years investment lock up
- Poor transparency between the players
- Time consuming compliance protocols and operational inefficiency
- Slow, expensive and limited share tradability

A Win-Win Solution

A Blockchain infrastructure for alternative investment funds to solve market illiquidity and information asymmetry

Broader access to a niche asset class

Cheap and 24/7 token tradability

Disclosure Transparency

Investors

Efficient and automated fundraising process

Automatic reporting

Faster fees and earnings

Alternative Funds

001

010

Blockchain Fund Provider worldwide
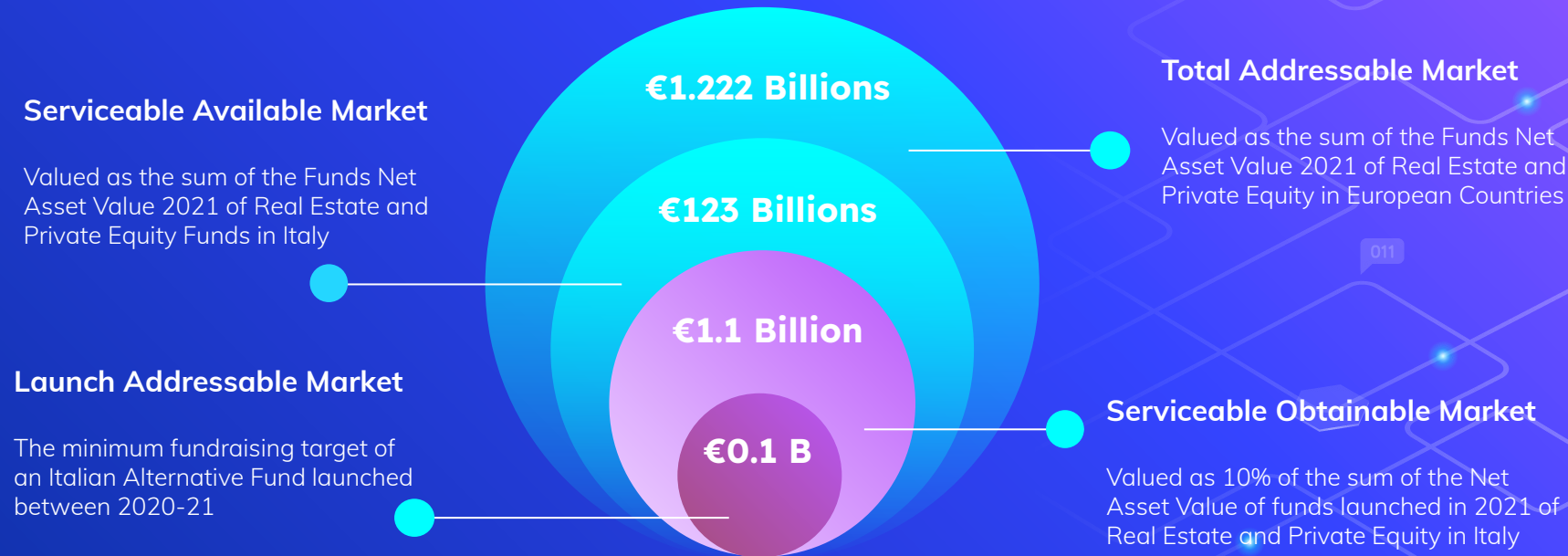
SECURITIZE

CADRE

tokeny

Mt Pelerin

pixelplex

BLOCKCHAIN
APP FACTORY

Liquefy

ADDX

- Single or multiple asset class
- Proprietary or Ethereum blockchain
- Basic or Hybrid gain for investors
- Fund Tokonomics features

Market Context

Serviceable Available Market

Valued as the sum of the Funds Net Asset Value 2021 of Real Estate and Private Equity Funds in Italy

Launch Addressable Market

The minimum fundraising target of an Italian Alternative Fund launched between 2020-21

€1.222 Billions

€123 Billions

€1.1 Billion

€0.1 B

Total Addressable Market

Valued as the sum of the Funds Net Asset Value 2021 of Real Estate and Private Equity in European Countries

Serviceable Obtainable Market

Valued as 10% of the sum of the Net Asset Value of funds launched in 2021 of Real Estate and Private Equity in Italy

Sources: "The Italian Alternative Investment Market": Deloitte 2021; "Scenari Immobiliari 2022", DealFlower.
"Mercato Private Equity e Venture Capital 2021", AIFI - PWC.
"EU Alternative Investment Fund", ESMA Annual Statistical Report 2022.
"Scenari Immobiliari 2022", DealFlower.

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Legal perspectives

Primary market is going to grow on a SaaS platform, built by following the paradigm of the Cloud Computing contract.
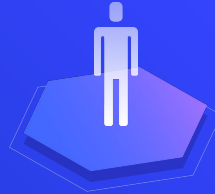
CLOUD PROVIDER
Dulcis in Fund

- ⬡ Terms and conditions
- ⬡ Service level Agreement
- ⬡ Main obligations
- ⬡ Privacy policy

CLOUD ADMINISTRATOR
O.I.C.R.

- ⬡ Need specific permits under EU Reg. 2022/858
- ⬡ Assets Under Management must have a market value below EUR 500 million

CLOUD CONSUMER
Investors

Subject to KYC-AML to ensure the network protection

- ⬡ Institutional
- ⬡ Professional
- ⬡ Qualified Retail (from secondary market)

Secondary market will be developed in accordance with the pilot regime of European regulation N° 2022/858 and following the rapidly evolving legislation.

Re-Fungible Token standard

Based on **Ethereum** blockchain, a Re-Fungible Token, extends the ERC-20 Token capabilities and utilizes ERC-165 Standard Interface Detection in order to represent the shared ownership of an ERC-721 Non-Fungible Token.

The smart-contract links the Re-Fungible token, which is a security instrument, and the original NFT that represents the full fund, managed by a collective investment scheme.

Source: https://ethereum.org/en/developers/docs/standards/tokens

ERC-20
Standard for Fungible Tokens, each Token is exactly the same as another Token

ERC-721
Unique token type that can have different value than another token from the same Smart Contract

ERC-165
Creates a standard method to publish and detect what interfaces a smart contract implements

Software framework

GitHub

Mocha & Chai

OpenZeppelin

Release and versioning

Truffle

Automated contract testing

Node.js

Reusable Solidity components to build custom contracts and complex decentralized systems

Built-in smart contract compilation, linking, deployment and binary management

Open source development platform for real-time applications

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Our process

Optimization Elements

- Automated Market Maker
- Predetermined Valuation Methods
- Periodic Interest Income
- Buy and Burn mechanism

Secondary Market

- Kick-off for the fund's investment activity
- Opening to qualified Retail
- Trading of outstanding tokens

Primary Market

- Creation of a NFT representing an Alternative Fund managed by OICR partner
- Fundraising through the creation of a solid liquidity pool

Technical chart

Stablecoin Fiat

NFT

Security RFT
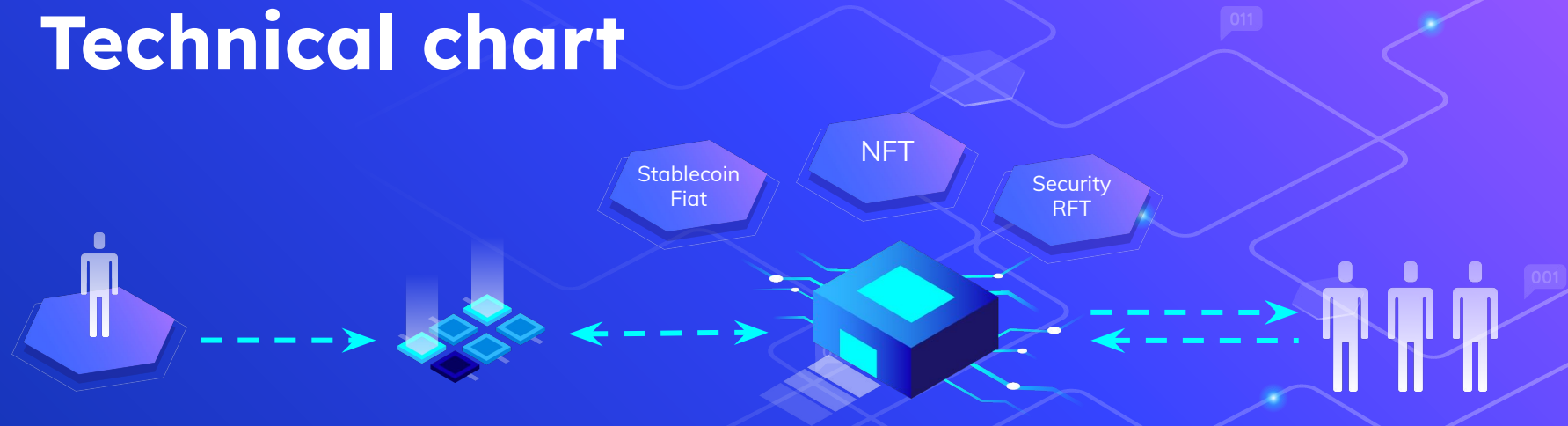
O.I.C.R.

Manages the investment and growth process on the asset portfolio represented by NFT.

Holds Re-Fungible Token and earns annual management and performance fees

Asset Portfolio

Benefits from the SGR ecosystem and receives funding from the pool.

Enjoys a periodic reinvestment structure linked to Buy and Burn timing.

Smart Contract

Contains the NFT representative of the asset portfolio.

From the NFT, produces Security RFTs exchangeable for Stablecoins or fiat currency through an Automated Market Maker.

Investors

Deposit cash to buy Re-Fungible tokens.

Earn Interest and capital gains via the pool and redeeming Stablecoin or fiat currency

1 NFT
per Partner Fund

Breakable into a tailored number of RFTs based on Net Asset Value.

No new tokens will be minted after the initial issue.

NAV before fees = Liquidity Pool Value + Equity Investment Ptf + Accruals

$$\textbf{RFT Value} = \frac{\text{NAV after management and performance fees}}{\text{N. Outstanding RFTs}}$$

$$\textbf{RFTs Periodic Interest} = \frac{\text{RFTs owned value}}{\text{NFT value}} \cdot \text{NAV}_t \text{ Yield}$$

Liquidity pool

Automated Market Maker, decentralised management of the capital raised and its allocation over time, act as a solid counterparty for trading activities and avoid RFTs manipulation.

Investors will also be **Liquidity Providers**, a function that will allow them to earn a **Liquidity Mining Fee**

Slippage effects are limited by customised investment **vesting period** and **disinvestment caps**

Liquidity Pool Value = (w1 • RFT) • (w2 • EuroCoin) • (w3 • Fiat Currency)

Buy and Burn Mechanism

To shorten the life of an Alternative Fund, a quarterly repurchase of outstanding RFTs is planned, thanks to asset portfolio proceeds, reducing RFT Supply and offering periodic disinvestment options.

38%

Reinvestment in Ptf

1%

Platform fees

11%

Performance fees *

50%

Token

Buy-and-Burn

Activation terms:

- Quarterly NAV exceeds a pre-determined threshold value.
- Quarterly NAV higher than the previous NAV adjusted.
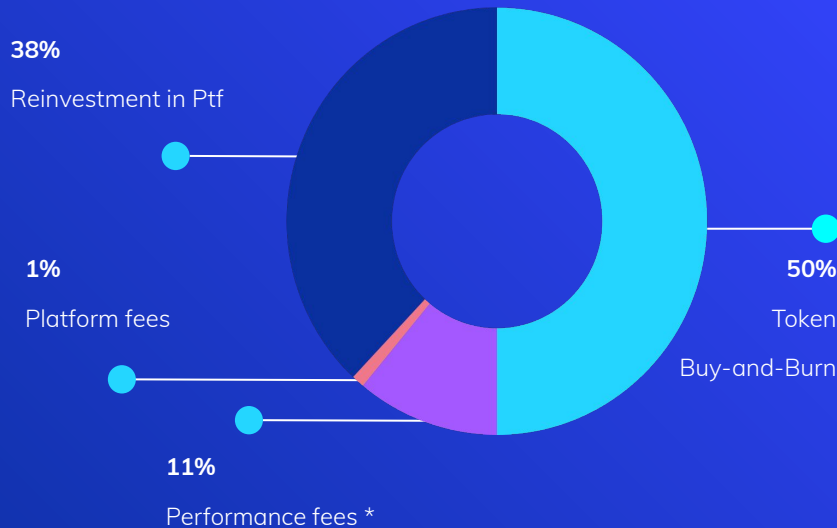
* The Performance and Platform fees are subject to a contractual cap.
 Annual management fee payable to the fund is 1.5% per annum of the net assets, accrued on a monthly basis.

Quarterly Buy-and-Burn

Description	EUR
Q2 NAV (before fees)	€ 200 mln
Q2 Token supply	50 mln
Q1 RFT value	€ 3,5
Q2 RFT value	€ 4
Q2 EUR Performance = (€4 - €3,5) x 50 mln RFTs	€ 25 mln
Performance, Platform Fees = (€ 25 mln x 11%) + (€ 25 mln x 1%)	€ 3 mln
Q3 Buy-and-Burn 50% of Q2 EUR Performance = (€25 mln x 50%) / € 4	3.125 mln

Once the Buy-and-Burn token mechanism is activated, 50% of the Fund's quarterly return is used to buy back RFTs from market and remove them from supply.

Potentially, **3.125 million RFTs** can be burned quarterly. With this RFT burn rate, the supply will be brought to 0 in **4 years** from the start of the Buy-and-Burn, optimising the lifetime expectation of a Fund

New RFTs Supply: (50 mln - 3.125 mln) = **46.875 mln**

NAV after Buy-and-Burn: € 200 mln - € 12.5 mln - € 3 mln = **€ 184.5 mln**

New RFT value: € 184.5 mln / 46.875 mln = **€ 3,93**

The RFT becomes cheaper for new investors and will not penalise pre-existing investors that benefit from the RFT's pre-burn value freeze.

Revenue Stream

⬡ Reporting

OICR: documentation development and periodic reporting about assets and fund's performance.

Investor: complete transparency and easy access to all required documentation.

⬡ Platform

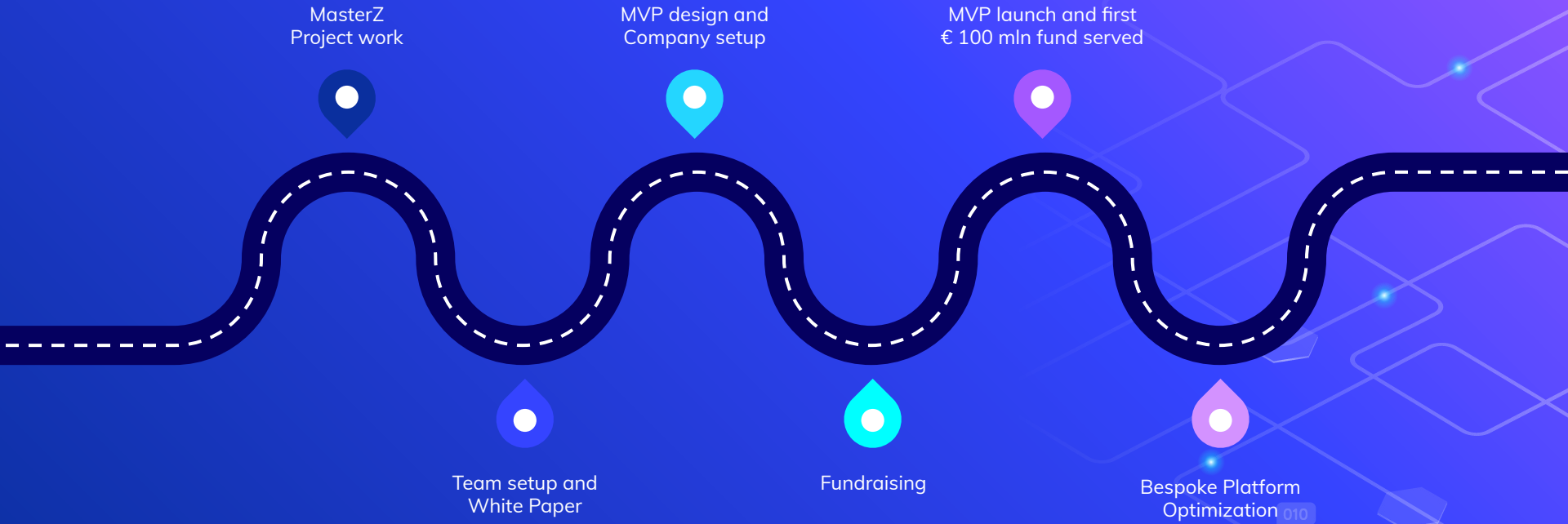**OICR**: fundraising support, liquidity management and investor relationship management.

Investor: innovative access to a classic illiquid, expensive and inaccessible investment.

⬡ Settlement

Fees: trading fees on investor transaction volumes.

Chart axis labels: 0,6 · 0,4 · 0,2 · 0,0

Investor bar: Reporting 0,05; Settlement 0,20; Platform 0,30

OICR bar: Reporting 0,2; Platform 0,20

Legend: Reporting · Settlement · Platform

X-axis: Investor · OICR

Roadmap

MasterZ
Project work

MVP design and
Company setup

MVP launch and first
€ 100 mln fund served

Team setup and
White Paper

Fundraising

Bespoke Platform
Optimization

001

010

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Team Presentation

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Senior Clown

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Finance

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Finance

Chiara Menini
Legal

PLATFORM

OICR: fundraising support, liquidity management and investor relationship management.

Investor: innovative access to a classic illiquid, expensive and inaccessible investment

REPORTING

OICR: documentation development and periodic reporting about assets and fund's performance

Investor: complete transparency and easy access to all required documentation

OICR: pre-set fees for buy-and-burn mechanism

Investor: trading fees on investor transaction volumes

SETTLEMENT

OICR:

Investor: an optional wallet to store, grow and earn your assets, with complete control over the keys

CUSTODY

European Legal Framework

To shorten the life of an alternative fund, a quarterly repurchase of outstanding RFTs is planned, thanks to asset portfolio proceeds, reducing RFT Supply and offering periodic disinvestment options.

Luxemburg

Feb. 2019

PACTE Law (2019 - 486)

WEAKNESSES

Yellow is the color of gold, butter and ripe lemons

White is the color of milk and fresh snow and top quality cocaine.

Investitor protection

OPPORTUNITIES

THREATS

Fund Blockchain Provider competitors

tokeny

kaleido

pixelplex

ADDX

BLOCKCHAIN
APP FACTORY

SECURITIZE

Dulcis in Fund

BlockInvest

Mt
Pelerin

token
forge.

DigiShares

Liquefy

20
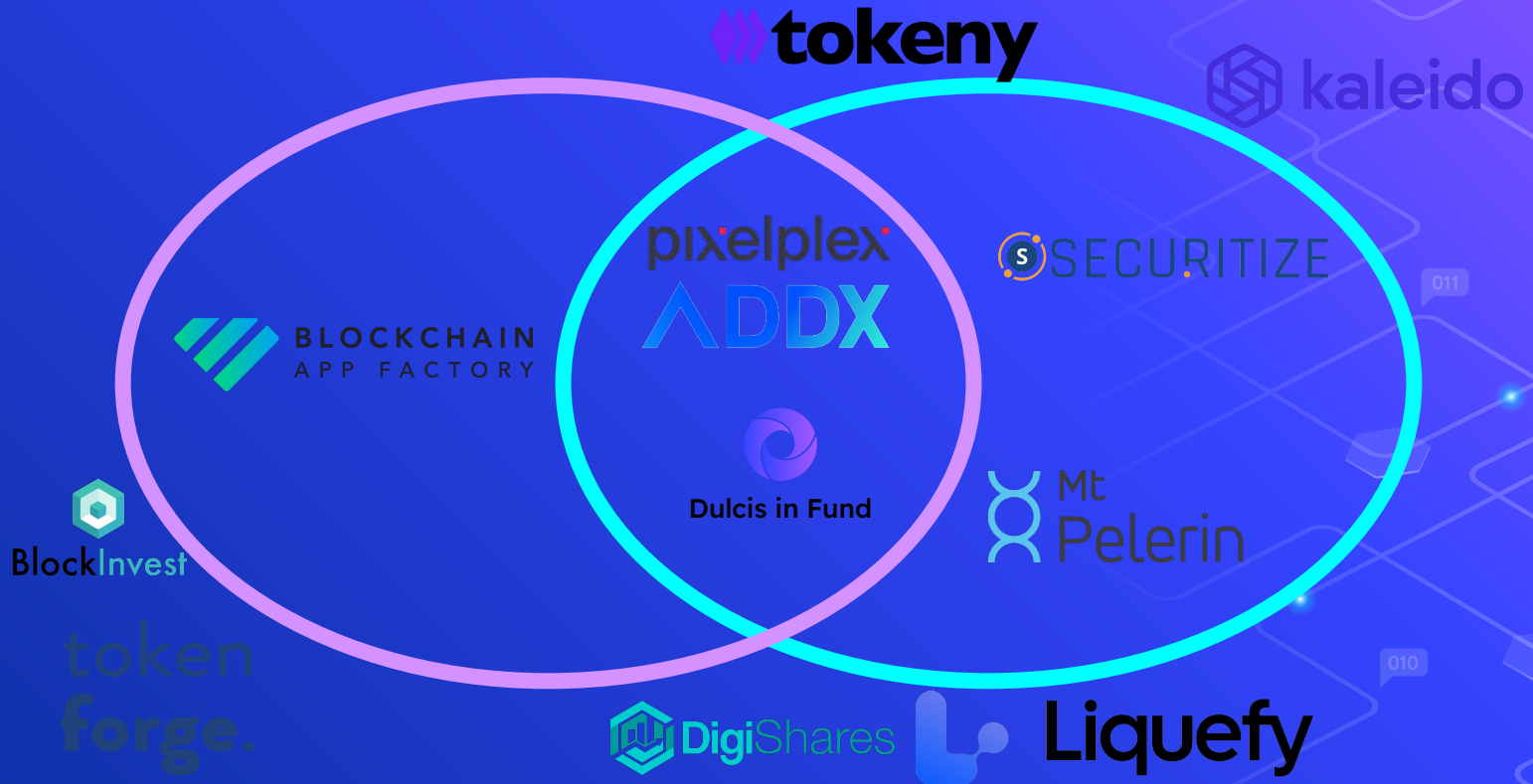
Liquefy

Real estate   Real estate & VC (PE)   VC
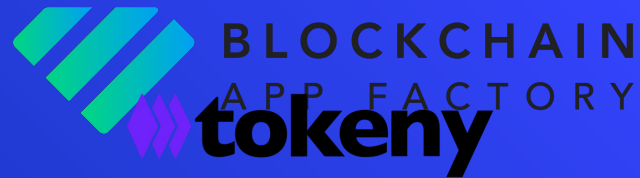
Mt Pelerin

BLOCKCHAIN APP FACTORY

tokeny

pixelplex

ADDX

SECURITIZE

Matrice competitor

Bullet points

- ciao
- frase
- bene
- Ciao
- Ciao
- Test

SLIDE DI ISPIRAZIONE

Le slide seguenti sono qui solo come ispirazione e per attingere
al materiale grafico, verranno eliminate alla fine. :)

Hello!

I am Jayden Smith

I am here because I love to give presentations.

You can find me at @username

" Quotations are commonly printed as a means of inspiration and to invoke philosophical thoughts from the reader.

1.
Transition headline

Let's start with the first set of slides

This is a slide title

- Here you have a list of items
- And some text
- But remember not to overload your slides with content

Your audience will listen to you or read the content, but won't do both.

You can also split your content

White

Is the color of milk and fresh snow, the color produced by the combination of all the colors of the visible spectrum.

Black

Is the color of ebony and of outer space. It has been the symbolic color of elegance, solemnity and authority.

In two or three columns

Yellow

Is the color of gold, butter and ripe lemons. In the spectrum of visible light, yellow is found between green and orange.

Blue

Is the colour of the clear sky and the deep sea. It is located between violet and green on the optical spectrum.

Red

Is the color of blood, and because of this it has historically been associated with sacrifice, danger and courage.

A picture is worth a thousand words

A complex idea can be conveyed with just a single still image, namely making it possible to absorb large amounts of data quickly.

Use diagrams to explain your ideas

	Q1			Q2			Q3			Q4		
	LOR	IPS	DOL	LOR	IPS	DOL	LOR	IPS	DOL	LOR	IPS	DOL
Lorem ipsum												
Lorem ipsum												
Lorem ipsum												
Lorem ipsum												
Lorem ipsum												

▲ LOREM

31
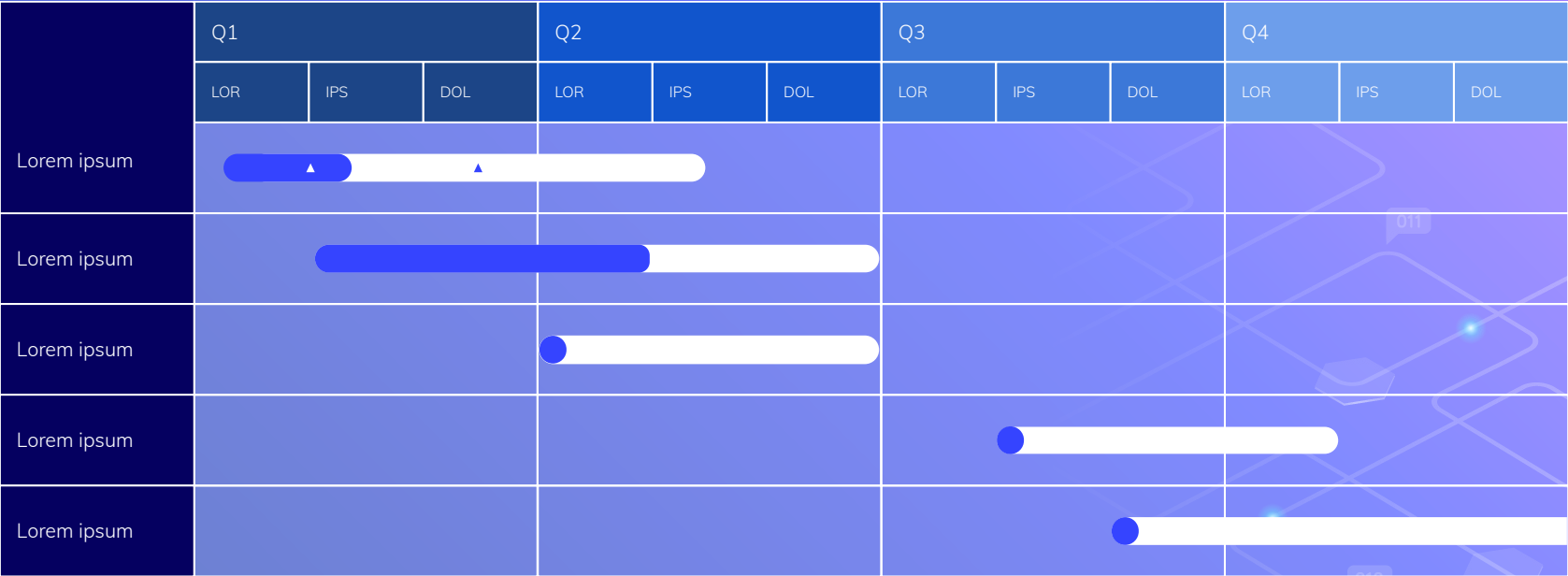
And tables to compare data

	A	B	C
Yellow	10	20	7
Blue	30	15	10
Orange	5	24	16

89,526,124

Whoa! That's a big number, aren't you proud?

Thanks!

Any questions?

You can find me at:

@username

user@mail.me

Credits

Special thanks to all the people who made and released these awesome resources for free:

- ⬡ Presentation template by <u>SlidesCarnival</u>
- ⬡ Photographs by <u>Unsplash</u>

Presentation design

This presentation uses the following typographies:

- Titles: Lexend Deca
- Body copy: Muli light

Download for free at:

https://www.lexend.com/

https://www.fontsquirrel.com/fonts/muli

You don't need to keep this slide in your presentation. It's only here to serve you as a design guide if you need to create new slides or download the fonts to edit the presentation in PowerPoint®

2.
Extra Resources

For Business Plans, Marketing Plans, Project Proposals, Lessons, etc

Gantt chart

|	Week 1							Week 2					
	1	2	3	4	5	6	7	8	9	10	11	12	13
Task 1													
Task 2						◆							
Task 3													
Task 4											◆		
Task 5									◆				
Task 6													

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Business Model Canvas

Key Partners
Insert your content

Key Activities
Insert your content

Value Propositions
Insert your content

Customer Relationships
Insert your content

Customer Segments
Insert your content

Key Resources
Insert your content

Channels
Insert your content

Cost Structure
Insert your content

Revenue Streams
Insert your content

Weekly Planner

|	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
09:00 - 09:45	Task	Task	Task	Task	Task	Task	Task
10:00 - 10:45	Task	Task	Task	Task	Task	Task	Task
11:00 - 11:45	Task	Task	Task	Task	Task	Task	Task
12:00 - 13:15	✔ Free time	✔ Free time	✔ Free time	✔ Free time	✔ Free time	✔ Free time	✔ Free time
13:30 - 14:15	Task	Task	Task	Task	Task	Task	Task
14:30 - 15:15	Task	Task	Task	Task	Task	Task	Task
15:30 - 16:15	Task	Task	Task	Task	Task	Task	Task

Extra resources

41
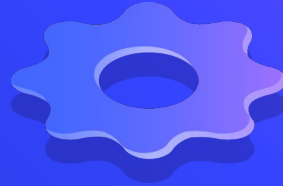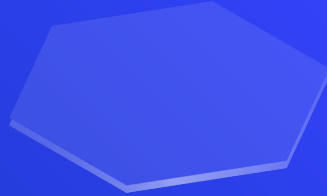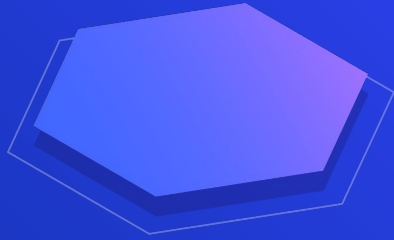
SlidesCarnival icons are editable shapes.

This means that you can:

- ○ Resize them without losing quality.
- ○ Change fill color and opacity.
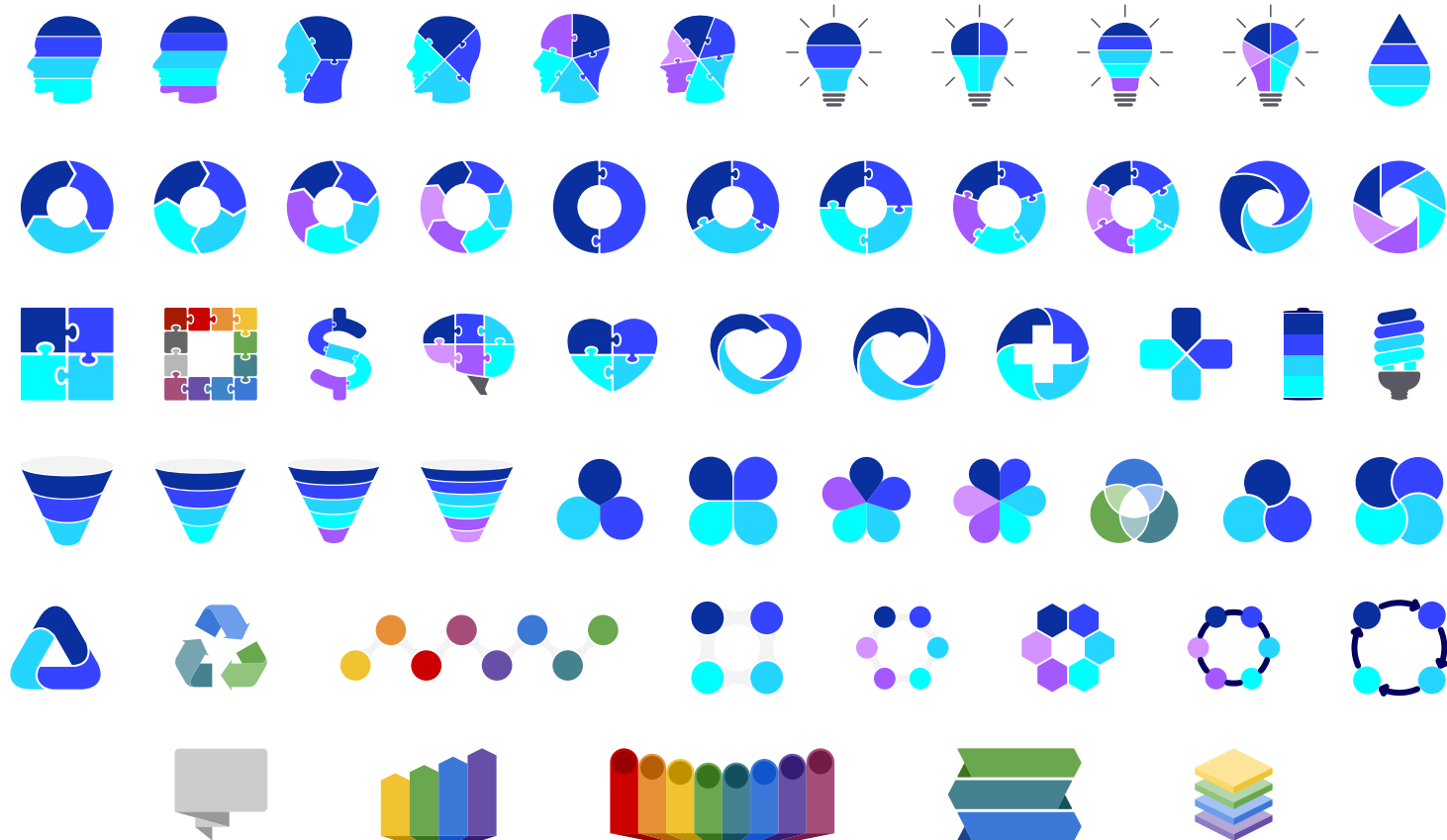- ○ Change line color, width and style.

Isn't that nice? :)

Examples:
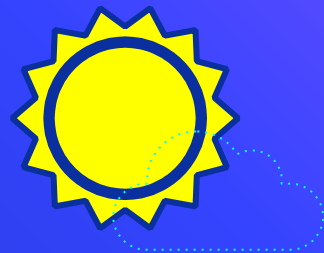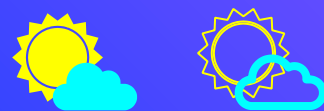
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Diagrams and infographics

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And of course it resizes without losing quality.

How? Follow Google instructions
https://twitter.com/googledocs/status/730087240156643328

✋ 👆 👈 👍 👤 👦 👧 👨 👩 👪 💃 🏃

👫 🖤 😂 😉 😋 😒 😭 👶 😸 🐟 🍒 🍔 💣

📌 📖 🔨 🎃 🎈 🎨 🏈 🏰 🌏 🔌 🗝️ and

many more…

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