The information shared in this whitepaper is not all-encompassing or comprehensive and does not in any way intend to create or put into implicit effect any elements of a contractual relationship. The primary purpose of this whitepaper is to provide potential token holders with pertinent information in order for them to thoroughly analyze the project and make an informed decision. Prior to your participation in the purchase of Bravecoin, we strongly advocate a careful study of this whitepaper and all the documents associated with it. You may even engage the services of appropriate experts to help you with investment analysis. Certain statements, estimates and financial information featured in this whitepaper are forward-looking statements that are based on and take into consideration certain known and unknown contingencies and risks which in eventuality may cause the estimated results or may differ factually and substantially from the featured estimates or results extrapolated or expressed in such forward-looking statements herewith.

Copyright Brave Security Corporation S.L. 2022. All rights reserved

MAY 2022

Bravecoin whitepaper

Hello age-controlled payments

Brave re-designs crypto-payments. Access privately to products suited to your age with the world's first payment ecosystem with age-tags

Brave Corp

ABOUT BRAVE

A success story since 2019

Founded back in 2019 in the Basque Country (Spain) by Saioa Arrizabalaga and Javier Gutierrez, Brave Corp is a privately held company that leverages AI and blockchain to drive positive change.

Since it's incorporation, Brave has received great Institutional support as well as ample media exposure and recognition at prestigious startup events such as San Sebastián Film Festival, WebSummit, Emprendedor XXI or South Summit, just to name a few.

Funded by

Accelerated by

Incubated by

2021 winner

2019 Award

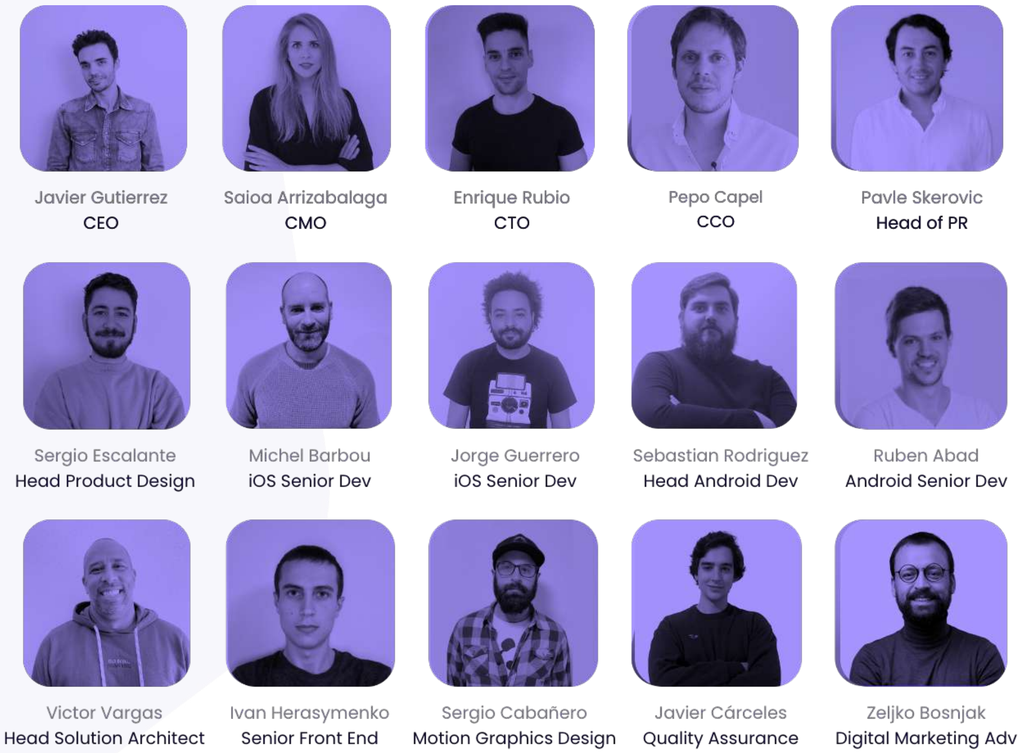
Program member

2021 Finalist

2019 Finalist

2019 Finalist

Brave Corp



Javier Gutierrez
CEO

Saioa Arrizabalaga
CMO

Enrique Rubio
CTO

Pepo Capel
CCO

Pavle Skerovic
Head of PR

Sergio Escalante
Head Product Design

Michel Barbou
iOS Senior Dev

Jorge Guerrero
iOS Senior Dev

Sebastian Rodriguez
Head Android Dev

Ruben Abad
Android Senior Dev

Victor Vargas
Head Solution Architect

Ivan Herasymenko
Senior Front End

Sergio Cabañero
Motion Graphics Design

Javier Cárceles
Quality Assurance

Zeljko Bosnjak
Digital Marketing Adv

OUR TEAM

People with a purpose

Brave unites a passionate, multi-disciplinary team of Top professionals with a combined experience of over 230 years in Big Corporations, Formula One, Global Events, Tech Unicorns, Banking, complex Deep Tech developments...

Brave Corp

OUR VISION

Digital payments universally accessible

Simplicity and human-centric innovation will drive the mass adoption of crypto-payments

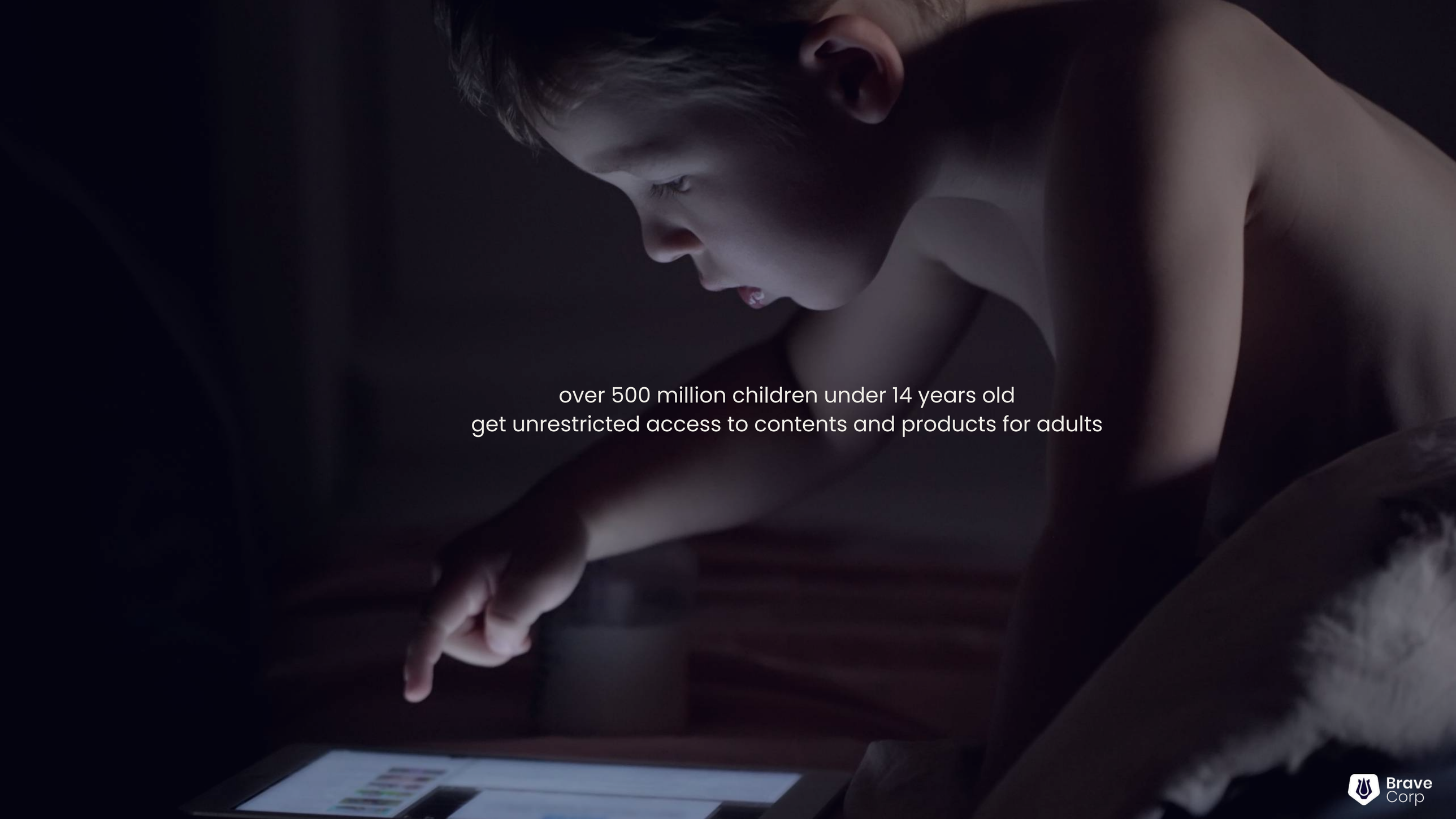
Brave Corp

OUR MISSION

Power age-controlled payments for a better, safer world

In a world where more and more products bear age restrictions, and consumers are increasingly aware about their privacy, we leverage AI and blockchain to make age-controlled payments simple, secure and globally accessible.

Brave Corp


over 500 million children under 14 years old
get unrestricted access to contents and products for adults

Brave Corp

PROBLEM & SOLUTION

Re-defining user privacy.

Globally, over 500 million children* get unrestricted access to adult related content and products such as alcohol, tobacco, gambling, pornography or violence, among many others.

More and more countries are enforcing effective age-controls beyond an “I am over 18” box (self declaration) or random checks by the shop staff. But today’s solutions are slow, cumbersome, and process IDs, credit cards or passports, which raise major security and privacy concern among end-users.

Boosted by the demand for more transparent user experiences as well as the increasing awareness about privacy protection, blockchain is gaining traction. Globally, over 295 million people hold crypto assets, and crypto users are predicted to triple by 2030.

Nonetheless, despite end-user demand for alternatives to conventional financial services, businesses are still hesitant with the adoption of crypto payments. The intrinsic volatility of crypto assets and the lack of ready-to-use , simple solutions that fulfill the operational needs of businesses, are barriers for the universal adoption of crypto payments.

This is the perfect storm.

ABOUT BRAVEPAY

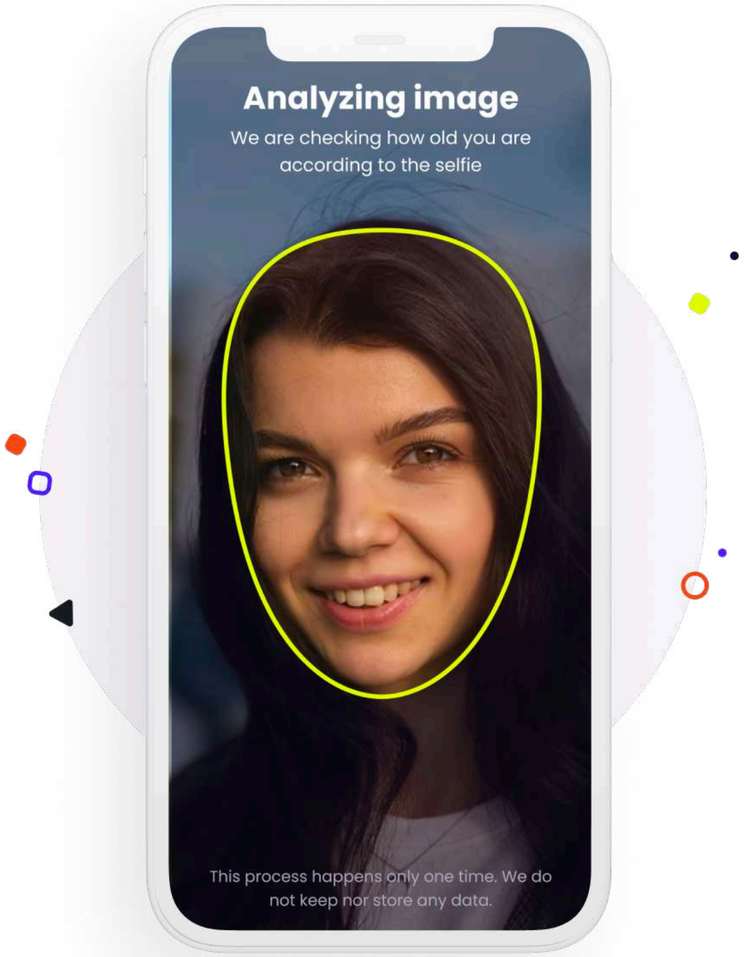
The future of payments, today.

BravePay is B2B SaaS ecosystem allowing businesses to securely and instantly manage access-controls and crypto payments. BravePay supports organizations to comply with regulations that limit underage access to specific content and products on and offline.

BravePay integrates blockchain and border control-level facial analysis algorithms, guaranteeing that user identity is completely safe and undisclosed in every user interaction with the merchant or contact ent provider.

*source: UN data and company research

Brave Corp



AI FOR GOOD

Age-verification with just a selfie

Brave simplifies the onboarding process for consumers of age age-restricted products, with an instant and effortless experience.

With just one selfie, Brave's AI analyzes the face landmarks of the users and confirms with surgical precision that they meet the legal age requirements. Instant, secure and with no personal data storage.

In exceptional cases or when required by internal policies, or regulations, Brave performs a secondary validation via face match with an official ID or Passport.

When the whole process is completed, the images and the data from the user are deleted. We not share any information about end users with our B2B customers. to comply with regulations that limit underage access to specific content and products on and offline.

Brave Corp

TECHNOLOGY

Age-controls explained

1. Computer Vision Algorithms.

The cornerstone of our system is a Computer Vision Algorithm. Our Deep Learning model has been designed to classify human faces of undefined individuals into 0-99 age groups. Unlike supervised machine learning methods that require manual definition of face features, our Convolutional Neural Network (CNN) has been designed to emulate the behavior of primary visual cortex cells. Trained with hundreds of thousands of human faces from different gender, age and ethnic groups, it shows over 90% precision in the binary classification of adults/minors from a picture or video feed (close to 98% precision with the application of a logic threshold to correct the standard deviation in the 16-24 age groups).

Our innovation pipeline includes continuous improvement of our system precision with the end goal of reaching 99% precision, resulting in a drop of false negatives and user friction.

2. Anti-spoofing

Brave AI has been engineered to identify and mitigate system attacks that intend to bypass or distort the age-verification process.

With the progressive adoption of 3D and Infrared cameras in the newest smartphones, we will leverage this technology for additional security measurement.

3. Fall back methods

Users classified as minors by our Computer Vision algorithm, may be offered a second opportunity to demonstrate their legal age status through an alternative process. This “fallback” method, is marginal and completely voluntary by the user. The alternative methods differ Region to Region and are selected based on adoption, security, privacy and user experience.

4. Biometrics?

Brave AI does not perform any biometrical identification nor stores any biometrics from the user. The age-check is fully anonymous and does not imply a face match with databases but purely the analysis of the facial landmarks that change as a result of the aging process. Once the age-check is completed, the image is deleted.

ECOSYSTEM

Designed for real life use

BravePay guarantees that every user session and purchase meets the age requirements while ensuring that the identity of the user stays completely anonymous.

BravePay ecosystem has endless applications to access and pay age restricted products in the on and offline world.

Websites & Apps

Simplifies the access controls and payments in websites and mobile apps.

Social media & dating

Ensures that social media users Meet the legal age requirements

Video on demand

Blocks content not suited for children in video on demand platforms

Gambling

Controls the access and payments in on and offline casinos

Venue Access Controls

Simplifies the access controls and payments in events and night clubs.

Automatic Sales

Regulates alcohol and tobacco purchases in vending machines and self-checkouts.

E-commerce

Prevents underage access to age-restricted products (alcohol, cannabis...)

Retail & hospitality

Makes crypto payments universal and simplifies cashless payments.

Brave Corp

VALUE PROPOSITION

The new paradigm for crypto payments.

Brave supports organizations to perform age-checked crypto transactions on and offline, without collecting sensitive personal information from their customers.

BravePay, provides consumers with a secure, anonymous crypto wallet with a re-usable digital age-tag enabling the access to products suited to their age. During the onboarding process, with just a selfie, our computer vision algorithms analyze the facial landmarks of users and perform highly accurate age estimation, anonymously and below a second. Once the age of an individual has been defined, the image is deleted and the age-tag is securely linked to the user wallet.

BravePro makes crypto payments simple and accessible to businesses of all sizes. A POS system, a CRM, a staff management portal, a crypto accounting system...BravePro upgrades on and offline business to advanced crypto-friendly stores.

Bravecoin is the cryptocurrency that powers BravePay ecosystem. This utility token built on the backbone of the Stellar Network, allows users to perform crypto-payments for products suited to their age, without disclosing their identity nor sharing any personal information with the merchant.

BravePay

BravePay wallet, re-defines how users pay on and offline, making crypto experiences amazingly simple whilst ensuring that user privacy is completely safe.

Amazingly Simple

Forget about secret keys and recovery phrases. Sign up with your email and keep full control of your personal crypto account.

Protect Your Privacy

BravePay wallet keeps your identity 100% safe. We do not capture, store or share any personal information from you.

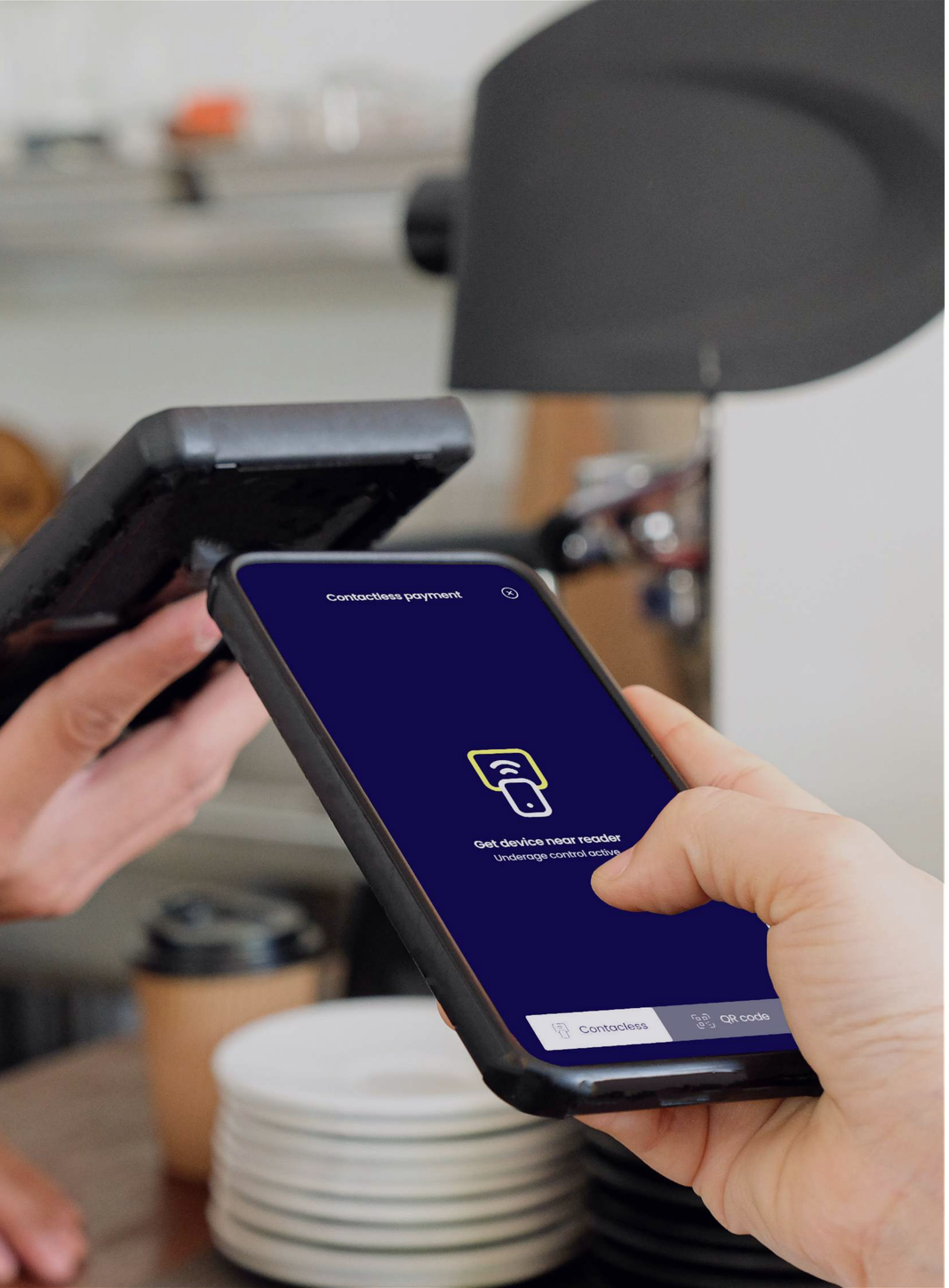
Manage funds in one click

Send and Receive funds from your card, contact list or any other Stellar account

Pay anytime, anywhere

Securely Pay with BravePay wallet in a fast growing network of on and offline business partners

Brave Corp



BravePro

BravePro makes crypto payments simple and accessible to businesses of all sizes. With BravePro, traditional stores get upgraded to crypto-friendly in minutes.

Set up in seconds

Create your BravePro business account in just few clicks.

No transaction fees

Unlike credit cards, BravePro has Zero transaction fees.

Android & iOS Mobile App

Collect crypto payments from the smartphones of your store stare straight into your business account.

Manage your inventory

Create your store product list in minutes. Prepare detailed checks and control your store inventory.

A Powerful CRM

Control your business in one place: assign roles to your staff, get real time analytics and manage crypto-fiat transfers.

Both you and your customers win

With Bravecoin rewards you get up to 1% of your transactions back and your customers get full refund of their “lucky purchases”.

Brave Corp

BraveCoin

The world first cryptocurrency with age-tags and advanced tokenomics that powers BravePay payment network.

Powered by Stellar

Brave Coin leverages the power of Stellar Network one of the fastest growing and most efficient blockchain protocols.

Pay without bank account

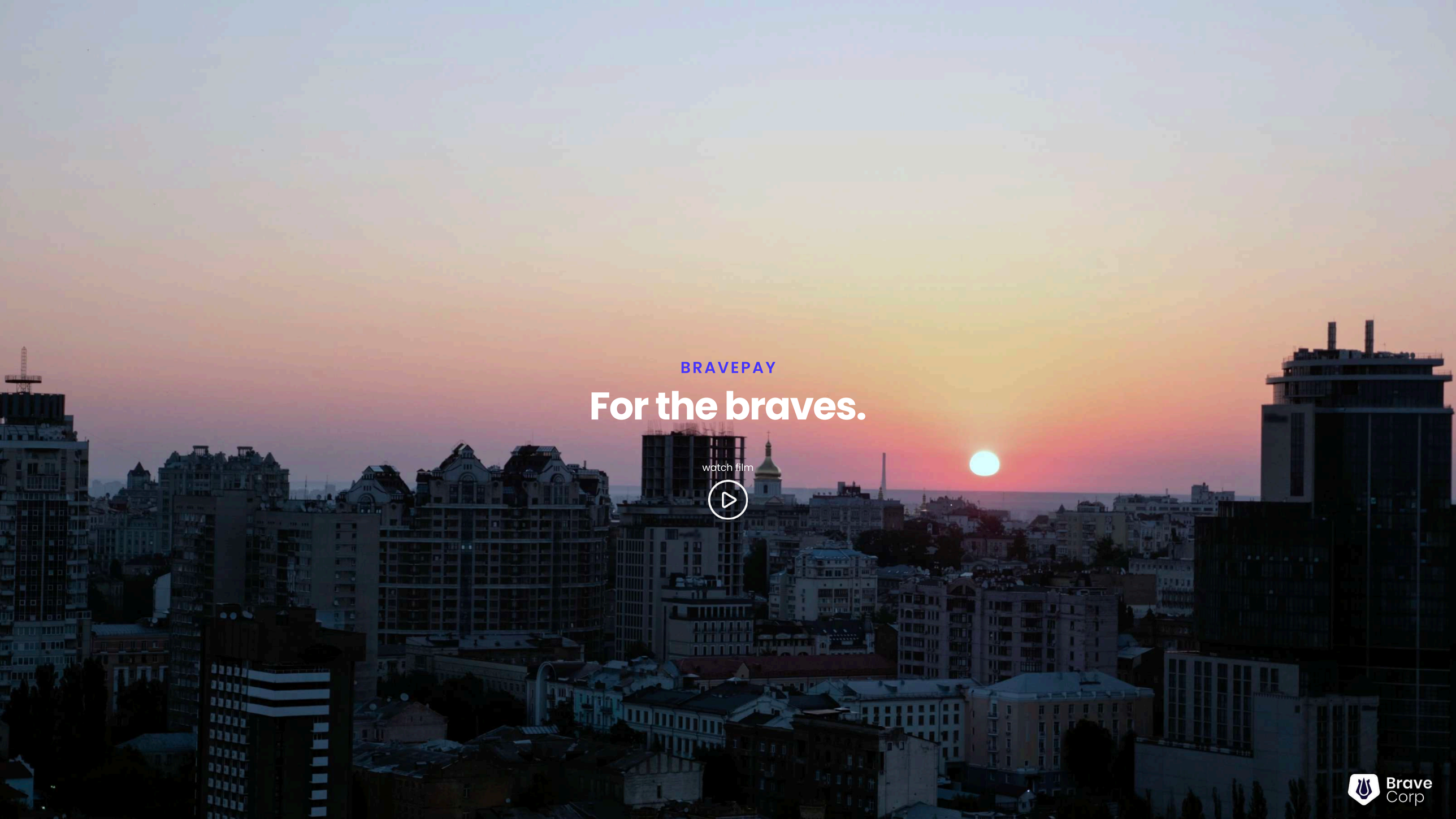
Brave Coin enables universal access to banking services without the need of a bank account. With Brave, fiat, other cryptocurrencies and even phone credits become instant money.

Total Security

Brave Coin follows the Stellar Consensus Protocol, which is asymptotically secure. As a result, no amount of computing power can overtake consensus, making our Token completely invulnerable to 51% attacks.

Energy Efficient

Brave Coin subverts proofs entirely by authenticating transactions through set trustworthy nodes. As a result, we use far less energy than other cryptocurrencies, being more respectful with the environment.


BRAVEPAY
For the braves.
watch film
Brave
Corp

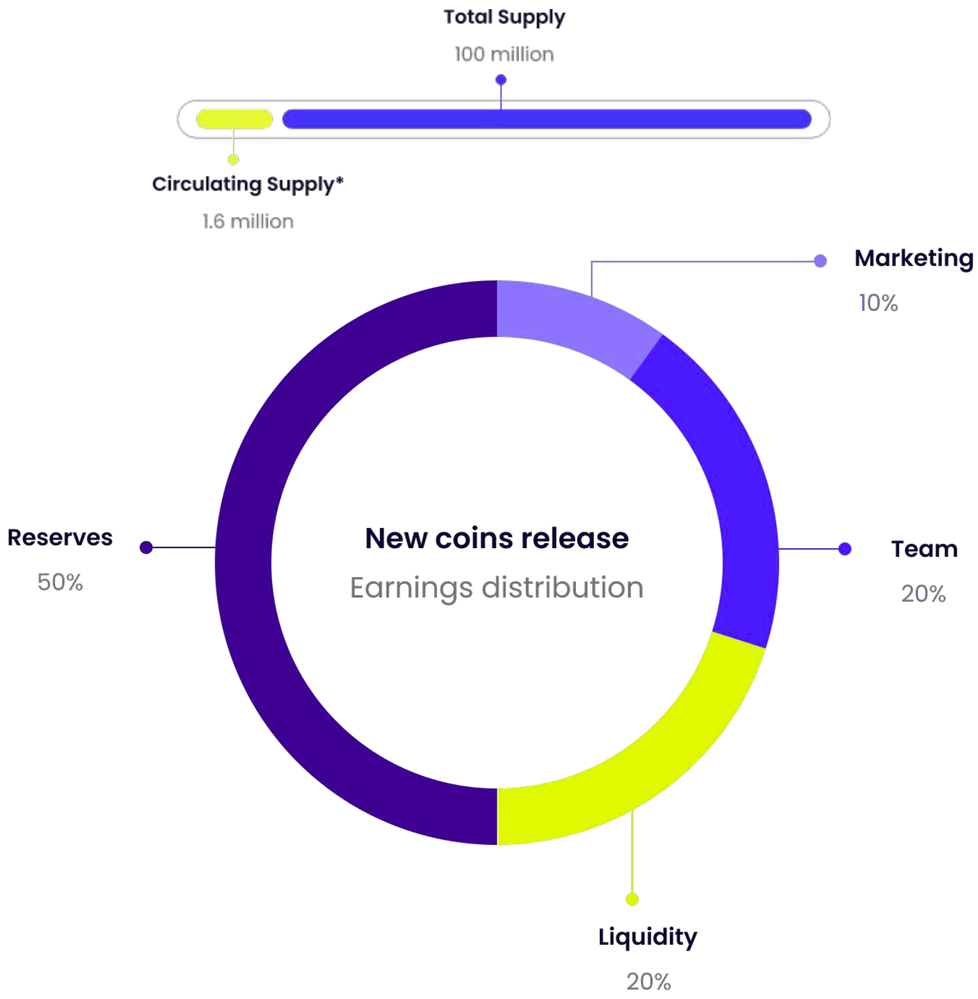
TOKENOMICS

Liquidity in tandem with business growth

With a limited supply of only 100 million, 20% of liquidity reserves and a progressive release, Bravecoin tokenomics have been carefully designed to stimulate sustainable growth.

Bravecoins are put in circulation following very strict rules. A fix % of the total circulating value is the baseline for every new coin release. With our algorithm, as coin price increases, the number of BravePay transactions needed to release a new Bravecoin grows in a linear manner.

This method guarantees that supply and demand are synchronized and that positive price action sufficiently rewards holders for providing liquidity to BravePay ecosystem.



Brave Corp

TOKENOMICS

Supply release Algorithm.

Value of BravePay deposits required for every new coin release

Brave Corp

TIMELINE

A vision without a plan is just a dream.

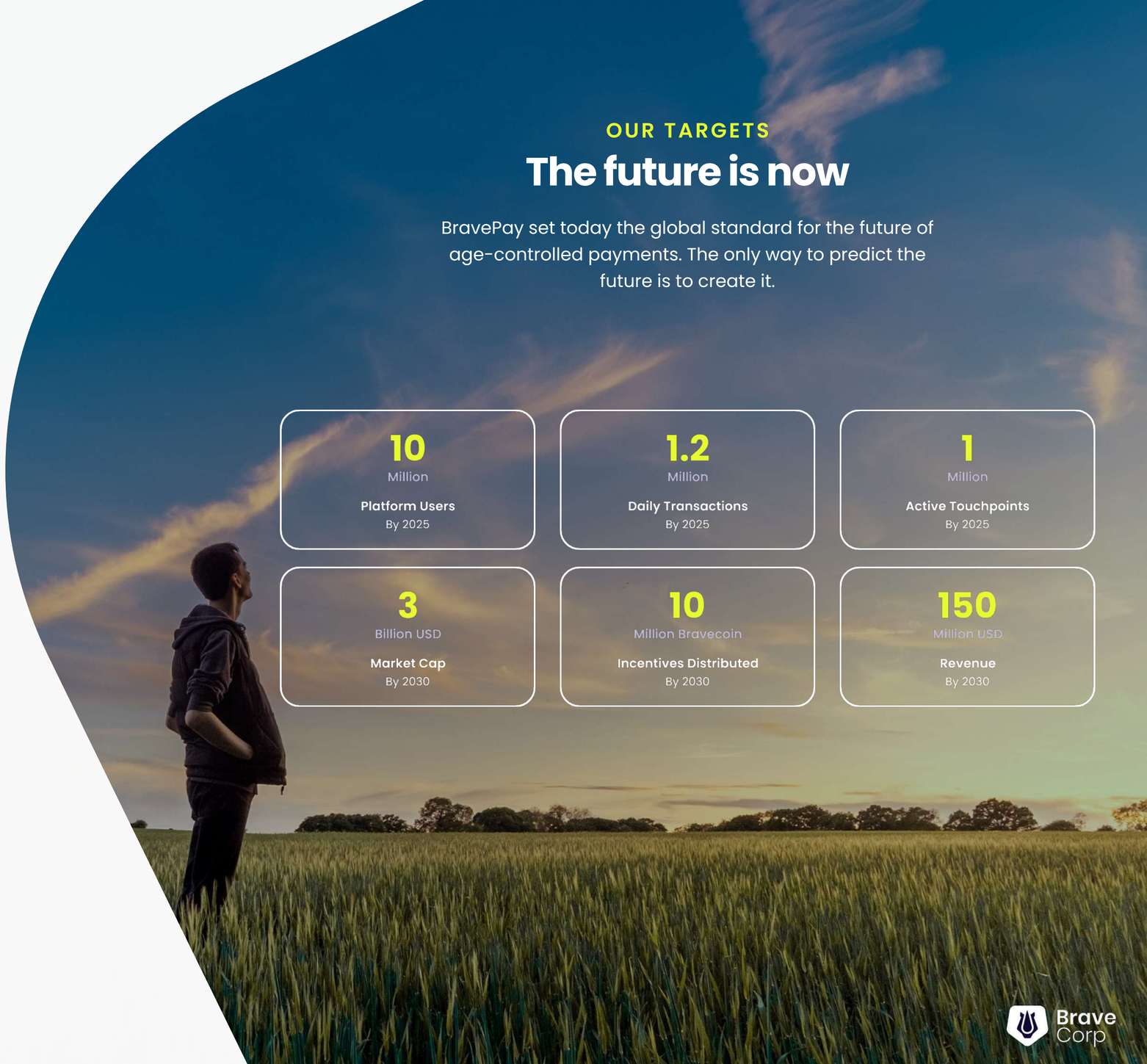
Brave Corp

The retail and wholesale digital payments market is booming worldwide.

According to the Boston Consulting Group's *"Global Payments 2021: All In for Growth,"* its 19th annual report on the payments industry, the business of sending and receiving payments is growing.

According to the BCG report, by 2030 the total global revenue from payment transactions will nearly double to $2.9 trillion by 2030, up from roughly $1.5 trillion in 2020.

The broader shift to digital commerce has given rise to thousands of financial technology players, such as buy-now-pay-later, direct software integrations, various cashless-payment providers, cryptocurrencies, and more. The result is projected strong 5-year growth for global payments-related revenue.



OUR TARGETS

The future is now

BravePay set today the global standard for the future of age-controlled payments. The only way to predict the future is to create it.

10 Million **Platform Users** By 2025	**1.2** Million **Daily Transactions** By 2025	**1** Million **Active Touchpoints** By 2025
3 Billion USD **Market Cap** By 2030	**10** Million Bravecoin **Incentives Distributed** By 2030	**150** Million USD **Revenue** By 2030

Brave Corp

Brave
Corp

No part of this whitepaper shall be taken to imply as being a prospectus of any kind or an advertisement for investment, nor shall it be construed as an offer or solicitation of an offer to encourage/facilitate the purchase of any securities whatsoever in any jurisdiction.

This whitepaper is not in tandem with any regulatory framework, laws or authorities aimed at protecting investors.

This whitepaper shall not be used in jurisdictions that limit or prohibit the sharing, publication, availability or utilization of a whitepaper or any actions associated with it, to an absolute extent including the trade of the Bravecoin. All participants must notify themselves on their own accord and comply with applicable limitations or prohibitions. Bravecoin is not in any way being offered to or issued to citizens or legal persons residing in or located in countries or territories where transactions of the purchase/sale or any trade of digital tokens are prohibited or restricted in any manner by the respective laws or regulations of the country. Bravecoin owners too cannot enter into transactions for the purchase/sale of digital tokens with persons residing in or located in such countries or lands. In the event that such a transaction has been initiated/executed, such transactions are unlawful and fraudulent and the concerned individual shall bear the consequences of the same

This whitepaper presented in the English language is the primary and official source of information regarding the Bravecoin project. The information forming part of this whitepaper may from time to time be translated and share in other languages. The correctness and accuracy of such translated information cannot be guaranteed by Brave Security Corporation S.L. and in the event of any divergence and inconsistencies between such translation and the original document in the English language presented herewith, the information presented in the said English whitepaper shall preside and override all other translated versions.

No regulatory authority has examined, approved or certified any of the information contained in this whitepaper. No such action has been or will be taken under the laws, regulatory requirements or rules of any jurisdiction. The publication, distribution or dissemination of this whitepaper does not imply that the applicable laws, regulatory requirements or rules have been complied with.

Disclaimer of Liability.
To the maximum extent permitted by the applicable laws, regulations and rules, Brave Security Corporation and its affiliates shall not be liable for any indirect, special, incidental, consequential or other losses of any kind, in tort, contract or otherwise (including but not limited to loss of revenue, income or profits, and loss of use or data), arising out of or in connection with any acceptance of or reliance on this whitepaper or any part thereof by you.

Representations & Warranties by You.
By accessing and accepting possession of any information in this whitepaper you represent and warrant to Brave Security Corporation S.L and its affiliates of the following:

- you agree and acknowledge that Bravecoin do not constitute securities in any form in any jurisdiction
- you agree and acknowledge that this whitepaper does not constitute a prospectus or offer document of any sort and is not intended to constitute an offer of securities in any jurisdiction or a solicitation for investment in securities
- you are not bound to enter into any contract or binding legal commitment and no cryptocurrency or another form of payment is to be accepted on the basis of this whitepaper
- you agree and acknowledge that no regulatory authority has examined or certified of the information set out in this whitepaper
- no action has been or will be taken under the laws, regulatory requirements or rules of any jurisdiction and the publication, distribution or dissemination of this whitepaper to you does not imply that the applicable laws, regulatory requirements or rules have been complied with
- the distribution or dissemination of this whitepaper, or any copy thereof, or acceptance of the same by you, is not prohibited or restricted by the applicable laws, regulations or rules in your jurisdiction, and where any restrictions in relation to possession are applicable, the same has been dealt with by you at your own expense and without liability to Brave Security Corporation S.L. and its affiliates
- you agree and acknowledge that creators of this whitepaper are not liable for any indirect, special, incidental, consequential or other losses of any kind, in tort, contract or otherwise (including but not limited to loss of revenue, income or profits, and loss of use or data), arising out of or in connection with any acceptance on this whitepaper or any part thereof by you

No advice.
No Advice No information in this white paper should be considered to be business, legal, and financial or tax advice regarding Brave Security Corporation S.L. & Bravecoin. You are hereby free to and allowed to seek the counsel of your own legal, financial, tax or other professional advisers regarding Bravecoin and its respective businesses and operations. You should be aware that you may be required to bear the financial risk of any purchase of Bravecoin for an indefinite period of time

Brave Corp