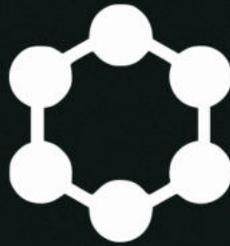


ZCORE



SMART CONTRACTS PLATFORM
FOCUSED ON USABILITY AND
PAYMENTS WITH CASHBACK.

ZCORE NETWORK (ZCN)

WHITE PAPER V 0.4

3. PROLOGUE

7. UNDERSTANDING THE DESIGN

15. ECONOMIC MODEL

25. GOVERNANCE

29. IMPLEMENTATION AND INTERACTION



01 - PROLOGUE



THE PUBLICATION OF THE WHITE PAPER "**BITCOIN: A PEER-TO-PEER ELECTRONIC CASH SYSTEM**", ON OCTOBER 31, 2008, BY SATOSHI NAKAMOTO, PROPOSED A NEW MODEL FOR TRANSFERRING VALUE IN A DECENTRALIZED WAY USING A CHAIN OF BLOCKS THAT WOULD BE CALLED THE **BLOCKCHAIN**.

IN IT, ALL PARTICIPANTS DIRECTLY CONTROL THE TRANSACTIONS AND BOTH PARTIES TO THE TRANSACTION CAN COMPLETE THE TRANSACTION WITHOUT ESTABLISHING A TRUST RELATIONSHIP. BITCOIN TECHNOLOGY HAS **CHANGED THE WAY INFORMATION IS ACQUIRED AND SHARED**, PUTTING POINT-TO-POINT COMMUNICATION POINT AT THE CENTER OF THIS DYNAMIC.

LATER, THE EMERGENCE OF **ETHEREUM** REVEALED A PENT-UP DEMAND FOR MORE FLEXIBILITY IN CREATING **BLOCKCHAIN-COMPATIBLE** SOFTWARE TO EXPAND ITS EVERYDAY APPLICABILITY. BUT KNOWN SCALABILITY ISSUES HAVE PAVED THE WAY FOR RIVALS TRYING TO **FILL THE SPEED AND CAPACITY GAPS** TRANSACTION PROCESSING AT A LOW COST.





01 - PROLOGUE



THE RISE OF PLATFORMS LIKE **BINANCE SMART CHAIN**, **AVALANCHE** AND **SOLANA** TAKES ADVANTAGE OF THIS MARKET OPPORTUNITY THAT SHOULD NOT CEASE EVEN WITH THE TAPROOT BITCOIN UPDATE, WHICH SHOULD TAKE SOME OF THE BURDEN OFF THE DEVELOPER WHO WANTS TO CREATE **SMART CONTRACTS** THAT TRANSACT ON THE BTC NETWORK.

ONE OF THE REASONS IS THE INCREASINGLY EVIDENT NEED TO POPULARIZE **DECENTRALIZED FINANCE (DEFI)**, WHICH TAKES AWAY FROM BANKS AND GOVERNMENTS THE POWER TO INTERMEDIATE (AND MAKE MORE EXPENSIVE) FINANCING, LOANS, INCOME PRODUCTS AND A SERIES OF FINANCIAL SERVICES THAT HAVE THE POTENTIAL TO PRINT A **REAL REVOLUTION** FROM THE BOTTOM UP IN THE GLOBAL ECONOMIC SCENARIO, ESPECIALLY IN TIMES OF CRISIS.

EVEN WITH THIS LATENT DEMAND, NONE OF THESE SOLUTIONS TO DATE HAVE MANAGED TO BREAK THROUGH THE BARRIER OF CRYPTOCURRENCY ENTHUSIASTS. DESPITE THEIR EXPONENTIAL APPRECIATION IN 2021, THESE PLATFORMS ARE STILL **EXPLORED BY A NICHE OF USERS AND INVESTORS** WHO HAVE RECENTLY ARRIVED TO CRYPTOCURRENCIES.





01 - PROLOGUE



PUBLISHED IN NOVEMBER 2021, THE 780% GROWTH IN THE AMOUNT INVESTED IN DEFI IN THE YEAR IS MAINLY DUE TO THE APPRECIATION OF ETHEREUM, WHICH HOLDS **70% OF THE MARKET**, AND NOT TO THE INCREASE IN USER CONTRIBUTIONS, WHICH ROSE MUCH LESS IN THE PERIOD: **AROUND 50%**.

IN **ZCORE'S** VIEW, BOTH ETHEREUM AND THE PROJECTS THAT INTEND TO REPLACE OR IMPROVE IT HAVE **A FUNDAMENTAL PROBLEM IN THEIR GROWTH MODELS**, WHICH IGNORE DECADES OF CONSUMPTION HABITS AND END UP NOT FOCUSING ON THE INTEGRATION OF INNOVATIONS FROM THE CRYPTO SECTOR INTO KNOWN PRODUCTS FROM THE PUBLIC.



FURTHERMORE, THEY ARE NOT SUFFICIENTLY DEDICATED TO **REDUCING THE LEARNING CURVE** INHERENT IN MOST DECENTRALIZED FINANCE PROJECTS. DESPITE ADVANCES TOWARDS FRIENDLIER INTERFACES, DEFI FRAMEWORKS ARE STILL TOO EXPOSED TO THE END USER, CREATING **AN OBSTACLE TO MASS ADOPTION**.





01 - PROLOGUE



AS A CONSEQUENCE, MOST BLOCKCHAIN PROJECTS LACK A **CONNECTION TO THE REAL WORLD**, LIMITING THE WIDE APPLICATION OF DEFI AND SMART CONTRACT PLATFORMS IN GENERAL.

THE PURPOSE OF THIS WHITE PAPER IS TO DEMONSTRATE HOW A NEW SMART CONTRACT PLATFORM CAN TAKE ADVANTAGE OF THIS GAP TO OFFER A **SIMPLER AND EASIER-TO-USE SOLUTION** AND, THUS, BE ABLE TO APPLY A MORE **EFFECTIVE** GROWTH STRATEGY BASED ON NEW AND INTEROPERABLE TECHNOLOGY, CREATING THE FOUNDATIONS TO BRING ONE BILLION USERS INTO THE WORLD OF CRYPTOCURRENCIES APPLIED TO EVERYDAY LIFE.

GET TO KNOW THE ZCORE NETWORK

02 - UNDERSTANDING THE DESIGN



WHAT IS THE ZCORE NETWORK?

ZCORE NETWORK IS A COMPLETE PLATFORM FOR SOFTWARE THAT RUNS ON **BLOCKCHAIN**, INCLUDING PROPRIETARY LIBRARIES THAT RUN ON THIS BLOCKCHAIN AND END-USER APPLICATIONS THAT **COMMUNICATE WITH THIS LOGIC**.

B L O C K C H A I N

A BLOCKCHAIN OR CRYPTOGRAPHIC NETWORK IS A BROAD TERM USED TO DESCRIBE A DATA BAS MAINTAINED BY A DISTRIBUTED SET OF COMPUTERS THAT DO NOT SHARE A COMMON TRUST OR OWNERSHIP. THIS ARRANGEMENT IS KNOWN AS DECENTRALIZED.

THE CONTENTS OF A BLOCKCHAIN DATABASE ARE AUTHENTICATED USING CRYPTOGRAPHIC TECHNIQUES, PREVENTING ITS CONTENTS FROM BEING ADDED, EDITED OR REMOVED EXCEPT IN ACCORDANCE WITH A PROTOCOL OPERATED BY THE NETWORK AS A WHOLE. THE ZCORE NETWORK'S CODE DRINKS FROM THE SAME SOURCE AS ETHEREUM, A BLOCKCHAIN FOR BUILDING GENERAL-PURPOSE DECENTRALIZED APPLICATIONS.





THE ZCN AND ITS TECHNOLOGY
DIFFERS FROM ETHEREUM AS FOLLOWS.

SMART CONTRACTS

ETHEREUM APPLICATIONS ARE DEVELOPED USING **SMART CONTRACTS**. SMART CONTRACTS ARE PROGRAMS WRITTEN IN LANGUAGES LIKE **SOLIDITY** THAT PRODUCE BYTECODE FOR THE ETHEREUM VIRTUAL MACHINE OR EVM, AN EXECUTION ENVIRONMENT. PROGRAMS ENCODED IN SMART CONTRACTS **RECEIVE MESSAGES AND MANIPULATE THE BLOCKCHAIN LEDGER** AND ARE CHAIN-NAMED.

CRYPTOCURRENCY

THE **ZCORE NETWORK** HAS A NATIVE UNIT OF LEDGER, THE **ZCR** CRYPTOCURRENCY, COMPARABLE TO ETHER ON ETHEREUM. ZCORE NETWORK'S LEDGER IS COMPOSED OF ACCOUNTS, IDENTIFIED BY AN ADDRESS.

USABILITY

UNLIKE OTHER NETWORKS, **ZCORE NETWORK** BRINGS A SET OF PROPRIETARY SOLUTIONS FOCUSED ON USABILITY, WITH THE AIM OF **ATTRACTING LAY USERS**. OTHER NETWORK PROJECTS MAY ALSO FOLLOW THE SAME LOGIC.

THE ZCORE NETWORK (ZCN)
IT IS A PUBLIC BLOCKCHAIN
GOVERNED BY THE FOLLOWING
PILLARS:

INDEPENDENCE

DOES NOT DEPEND
ON OTHER NETWORKS
TO WORK

COMPATIBILITY

COMPATIBLE WITH
SMART CONTRACTS
ORIGINALLY BUILT
FOR ETHEREUM

CONSENSUS

USES PROOF OF STAKE
WHICH IS MORE
ENVIRONMENTALLY FRIENDLY
AND ACCESSIBLE TO
MORE PEOPLE



I N D E P E N D E N C E

ZCN IS A FIRST-CLASS **INDEPENDENT BLOCKCHAIN** LAYER, THAT IS, IT IS NOT A SECOND LAYER SOLUTION THAT DEPENDS ON A PRIMARY BLOCKCHAIN THAT OFFERS SECURITY: **TRANSACTIONS ARE VALIDATED ON THE SAME CHAIN IN WHICH THE VALIDATOR NODES OPERATE.**



COMPATIBILITY WITH ETHEREUM

TO TAKE ADVANTAGE OF THE POPULARITY OF APPLICATIONS BUILT ON **SOLIDITY** FOR **ETHEREUM**, ZCN OFFERS FULL COMPATIBILITY WITH THE **ETHEREUM VIRTUAL MACHINE (EVM)**, SO MOST DAPPS, ECOSYSTEM COMPONENTS AND TOOLS WILL WORK NORMALLY ON ZCN **WITH LITTLE OR NO CHANGES BY THE DEVELOPER.**



CONSENSUS BASED ON STAKING

CONSENSUS-BASED STAKING IS MORE ENVIRONMENTALLY FRIENDLY AS IT ELIMINATES THE EXCESSIVE ENERGY EXPENDITURE OF PROOF-OF-WORK TO VALIDATE BLOCKS. THIS CONSENSUS SYSTEM SHOULD ALSO ENSURE HIGH NETWORK PERFORMANCE AND FACILITATE GREATER TRANSACTION CAPACITY.



03 - ECONOMIC MODEL

IN RESPONSE TO VARIOUS ISSUES IN BLOCKCHAIN TECHNOLOGY AND INDUSTRIAL APPLICATIONS, THE **ZCORE NETWORK** DEVELOPMENT TEAM JOINED THE FORCES OF EXPERIENCED DEVELOPERS AND DELVED INTO THE TECHNOLOGY OF DECENTRALIZED PLATFORMS TO CREATE **A SUSTAINABLE PUBLIC BLOCKCHAIN** IN LINE WITH THE CONCEPT OF **DEFI 2.0**.

DEFI 2.0

WHAT IS DEFI 2.0?

WHILE **DEFI 1.0** BROUGHT FARMING, TOKEN SWAPPING, LENDING, AND AUTOMATED MARKET MAKERS, **DEFI 2.0** PROMISES TO **IMPROVE THE USER EXPERIENCE**, INTRODUCE NEW FINANCIAL TECHNOLOGIES, AND IMPROVE CAPITAL UTILIZATION.



THE PROPOSAL, THEREFORE, SEEKS TO COMBINE FUNCTIONALITIES KNOWN TO THE GENERAL PUBLIC WITH **NEW LIQUIDITY PROVISION SOLUTIONS** THAT HELP TO CIRCUMVENT KNOWN PROBLEMS OF DEFI PROJECTS, SUCH AS CAPITAL FLIGHT IN SEARCH OF EVER-INCREASING RETURNS, IMPACTING THE SUSTAINABILITY OF THE BLOCKED TOTAL VALUE (**TVL**) AND IN THE HEALTH OF THE PROTOCOLS THAT RUN ON THE NETWORK.

THE **ZCORE** TEAM BELIEVES THAT ONE OF THE POSSIBLE INCENTIVE SOLUTIONS IS LINKED TO REAL-WORLD UTILITY. THE STRATEGY IS BASED ON THE FOLLOWING: **POSDAO** AND **CASHBACK DEFI**.



Z C O R E (Z C R)

NETWORK
PAYMENT
UNIT

INCENTIVE TO INCREASE THE
USER BASE AND INCREASE
THE TVL OF ZCORE NETWORK
PROTOCOLS (DEFI 2.0)

ZCORE

NATIVE CURRENCY
OF THE ZCORE
NETWORK

SETTLEMENT LAYER FOR
USERS PARTICIPATING IN
THE OPERATION OF THE
ZCORE NETWORK
ECOSYSTEM

ZCORE NETWORK
BLOCK VALIDATION
PROCESS REWARD

CASHBACK DEFI



ANOTHER INNOVATION INTRODUCED BY ZCORE NETWORK IS CASHBACK DEFI, A FEATURE THAT ALLOWS USERS TO RECEIVE BACK PART OF THE AMOUNTS SPENT ON THE WEB3PIX SYSTEM TO SPEND AS THEY WISH.

AMOUNTS ARE AUTOMATICALLY DEPOSITED INTO A DEFI INCOME POOL (STAKING) THAT MULTIPLIES THE BALANCE OVER TIME AND ENCOURAGES THE USER TO EXECUTE MORE TRANSACTIONS - THE USER WINS AND THE VALIDATOR WINS.

ECONOMIC LOGIC ZCORE NETWORK





POSDAO TECHNOLOGY



POSDAO FROM **ZCORE NETWORK** IS A CONSENSUS MECHANISM USED IN THE BLOCKCHAIN NETWORK THAT OFFERS **SEVERAL ADVANTAGES TO ITS USERS**. ONE OF THESE ADVANTAGES IS THE **EQUAL DISTRIBUTION OF REWARDS** BETWEEN VALIDATORS AND DELEGATORS, WHERE THE VALIDATOR, IN ADDITION TO RECEIVING NETWORK FEES, RECEIVES **50% OF THE STAKING POOL AND THE OTHER 50% IS DIVIDED AMONG THE DELEGATORS**.

ANOTHER ADVANTAGE OF POSDAO IS THE **INCENTIVE TO ACQUIRE ZCR**, SINCE THE POOL THAT HOLDS THE LARGEST AMOUNT OF ZCR WILL HAVE A GREATER RETURN, WHICH **ENCOURAGES USERS TO ACQUIRE THE CRYPTOCURRENCY** TO PARTICIPATE IN STAKING AND GUARANTEE A HIGHER YIELD.

POSDAO TECHNOLOGY



TO BECOME A POSDAO VALIDATOR ON THE ZCORE NETWORK, THE USER NEEDS TO HAVE A VALIDATION NFT, WITH A MAXIMUM OF 40, AND 10 MILLION ZCR IN HIS WALLET. TO BECOME A POOL DELEGATOR, YOU MUST HAVE A FARM HORSE COLLECTION NFT AND AT LEAST 100,000 ZCR.

ZCORE NETWORK'S POSDAO IS AN EFFICIENT AND FAIR CONSENSUS MECHANISM THAT ENSURES THE SECURITY AND INTEGRITY OF THE NETWORK AND ENCOURAGES THE ACQUISITION AND USE OF THE NATIVE CRYPTOCURRENCY ZCR. WITH AN ACTIVE AND ENGAGED COMMUNITY, THE ZCORE NETWORK IS AN ATTRACTIVE OPTION FOR USERS AND DEVELOPERS LOOKING FOR INNOVATIVE SOLUTIONS IN A SECURE AND SCALABLE ENVIRONMENT.





FEEES

MINED BLOCK



VALIDATOR

BLOCK
REWARD

POSDAO



POOL 01



POOL 02



POOL 03



POOL 04

UNTIL 40 (WHICH ARE THE 40 UNITS)

01

50%

VALIDATOR

(POOL'S OWNER)

02

50%

DIVIDED AMONG
THE DELEGATES

01

TO BECOME A
VALIDATOR:

10MI ZCR + 1 VALIDATION NFT

02

TO BECOME A
DELEGATOR:

100K ZCR + 1 FARM HORSE NFT
(FOR EVERY 100K DEPOSITED)

FUTURE VISION



2023

ZCORE NETWORK LAUNCHES AND BECOMES THE WORLD'S FIRST NETWORK THAT **CONNECTS DEFI TO PAYMENTS**.



2023

ZCORE NETWORK IS LAUNCHED AND BECOMES ONE OF THE MAIN TOKENS ON THE MARKET ALREADY OFFERING CASHBACK IN DEFI. THE USER GETS **100% BACK IN VARIOUS TOKENS**.

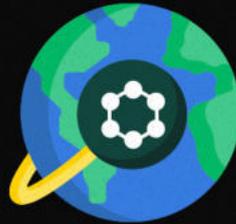
WITHIN THE INTEROPERABLE METAVERSE, WALLETS ARE CONNECTED TO THE **ZCORE NETWORK** TO INTERMEDIATE PAYMENTS GUARANTEE DEFI CASHBACK. **NO ONE ELSE WILL ACCEPT PAYING ANYTHING WITHOUT GETTING TOKENS BACK.**





0 4 - G O V E R N A N C E

Z C O R E T O K E N (Z C R)
A L L O C A T I O N - I S S U A N C E :
2 . 5 B I L L I O N Z C R



21,7%



ECOSYSTEM

AMOUNTS DESTINED FOR MINER REWARDS, PROVISION OF INITIAL LIQUIDITY IN ZCORE FINANCE POOLS AND OTHER PROTOCOLS, ETC.

20,8%



ZCORE FOUNDATION

AMOUNT ALLOCATED TO MARKETING ACTIONS, DEVELOPMENT AND OTHER ACTIVITIES OF THE ZCORE FOUNDATION.



0 4 - G O V E R N A N C E

17,9%



LAUNCHPAD

AMOUNT SET ASIDE FOR SALE ON **SELECTED LAUNCHPADS** AS A MEANS TO LEVERAGE ASSET POPULARITY AND **BRING MORE USERS TO ZCN.**

15,1%



TEAM

AMOUNT RESERVED FOR THE FOUNDING TEAM. 3-YEAR **VESTING**, WITH AN INITIAL 25% RELEASE AND 25% ANNUALLY UNTIL 2024.

11,3%



STAKING REWARDS

TOKENS SET ASIDE TO **REWARD LIQUIDITY PROVIDERS** DURING THE FIRST FEW YEARS OF OPERATION.



0 4 - G O V E R N A N C E

7,5%



ICO FOR VALIDATORS

AMOUNT ALLOCATED TO FIRST INVESTORS TO WORK IN THE **ZCORE NETWORK** VALIDATION NETWORK.

5,7%



ZCR SWAP

AMOUNTS RESERVED FOR REIMBURSING CURRENT ZCR USERS ON THE OLD NETWORK OR **MIGRATING TO THE ZCORE NETWORK**.



GOVERNANCE MECHANISM



VALIDATORS

EACH VALIDATOR HELPS TURN THE **ZCORE NETWORK** INTO A HIGH-PERFORMANCE BLOCKCHAIN NETWORK WITH A **HIGH DEGREE OF RELIABILITY AND SECURITY**.

VALIDATORS HELP SECURE THE **ZCORE NETWORK** BY PARTICIPATING IN THE AUTHORITATIVE PROOF OF STAKE PROTOCOL (**POSA**). CANDIDATES FOR ONE OF THE 40 VALIDATOR POSITIONS MUST HAVE THE VALIDATION NFT + 10 MILLION (**10,000,000**) **ZCR**.

ONCE THE QUOTA OF 40 VALIDATORS HAS ENDED, YOU CAN ONLY GET A PLACE BY **PURCHASING A VALIDATION NFT** FROM ONE OF THE ACTIVE VALIDATORS.



VALIDATORS



THE POOL WITH THE HIGHEST MINING STRENGTH, REPRESENTED BY THE **AMOUNT OF COINS ALLOCATED**, WILL HAVE THE HIGHEST YIELD, AS SHOWN IN THE IMAGE BELOW. THIS YIELD IS OBTAINED BY ADDING THE STRENGTH OF THE **DELEGATOR** AND THE **VALIDATOR**.

Validators Active Pools (Candidates) Inactive Pools

Validators Show only those I have stake in

4 validator pools and 5 delegators staking a total of 1134101 ZCR Page 1

	Pool ⓘ	Staked Amount ⓘ		Stakes Ratio ⓘ	Delegators ⓘ	
1	ZCN TESTNET01 ✓	101.500	616.500	54.36%	2	↑ ↓
2	ZCN TESTNET02 ✓	100.100	305.100	26.90%	1	↓
3	ZCN TESTNET04 ✓	100.000	106.500	9.39%	1	↓
4	ZCN TESTNET03 ✓	101.001	106.001	9.35%	1	↓

The table refreshed 1 block(s) ago. [Refresh now](#)

Page 1





05 - IMPLEMENTATION AND INTERACTION

NETWORK MIGRATION

ZCORE (ZCR) USERS ON THE OLD NETWORK WILL NEED TO MIGRATE THEIR ASSETS TO THE NEW NETWORK.

MIGRATION WILL BE CARRIED OUT AT A RATIO OF 1:10 DUE TO THE CHANGE IN THE SUPPLY OF THE ASSET IN THE ZCN.



NETWORK MIGRATION



01

MIGRATION OF **ZCORE** FROM OLD NETWORK TO **WRAPPED ZCORE (WZCR)** ON **BINANCE SMART CHAIN (BSC)**

02

MIGRATION OF THE **WZCR TOKEN (BSC)** TO THE NEW **ZCR TOKEN (BSC)** COMPATIBLE WITH THE **ZCN NETWORK**

03

WITH THE LAUNCH OF THE **ZCORE NETWORK MAINNET**, OWNERS OF THE **ZCR TOKEN (BSC)** WILL BE ABLE TO BRIDGE AND RECEIVE **ZCORE (ZCR)** ON THE NEW NETWORK

ROADMAP



Q4 2023

RELEASE OF **ZCORE FINANCE (AMM)** ON THE ZCN NETWORK

BRIDGE RELEASE FOR TOKENS FROM OTHER NETWORKS

CASHBACK DEFI

2024

ENCOURAGING NEW PROJECTS FOR ZCORE NETWORK

DIGITAL PAYMENTS WITH **CRYPTO**

Q1 2023

SWAP ZCR > **WZCR (BSC)**
SWAP WZCR > **ZCR (BSC)**
SWAP ZCRT > **ZCR (BSC)**

ACTIVATION OF **ZCR (BSC)** STAKING UNTIL MAINNET RELEASE

12/2021

TESTNET RELEASE

Q3 2023

METVERSE ZCORE CITY

Q2 2023

MAINNET RELEASE

DON'T LIMIT
YOUR CHALLENGES,
CHALLENGE
YOUR LIMITS.

ZCORE NETWORK (ZCN)

WHITE PAPER V 0.4

