EDTCHAIN

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TECHNOLOGY-DRIVEN GLOBAL QUANTITATIVE TRADING PLATFORM

AI Quantification, Data Intelligence, Compliance Finance

TECHNOLOGY ENABLES FINANCE, DATA DRIVES THE FUTURE

In the context of the rapid development of global financial technology, quantitative trading is gradually becoming one of the mainstream investment means. As a financial technology company headquartered in New York, USA, Edtchain focuses on the research and practice of quantitative trading, and is committed to building an intelligent, safe and efficient quantitative trading platform to help users around the world achieve stable asset appreciation.
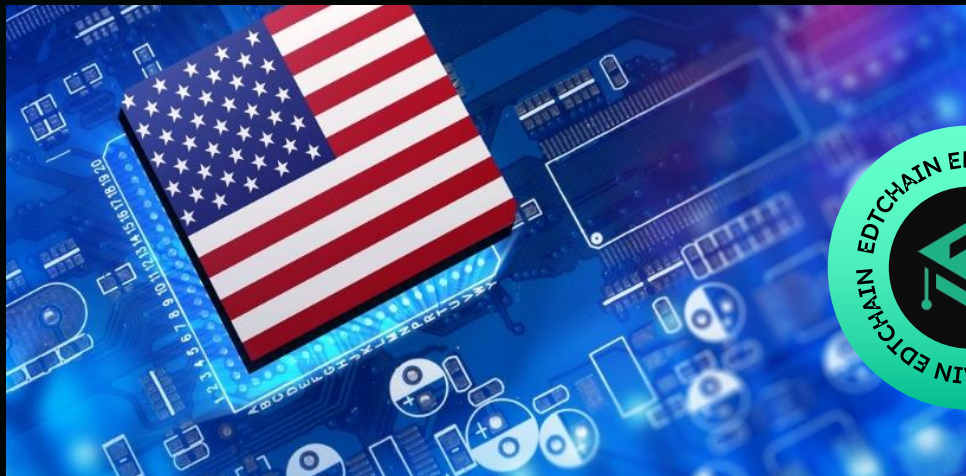
With a deep understanding and innovative application of financial technology, Edtchain not only holds the MSB (Money Services Business) financial license in the United States, but also has the qualification to carry out related financial business in compliance with laws and regulations, and also integrates artificial intelligence, big data analysis and automation systems. Create quantitative investment solutions covering global markets for clients.

Brain power

secure

efficient

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Edtchain is a financial technology enterprise headquartered in New York, USA, focusing on the research and practice in the field of quantitative trading, and holds the MSB (Money Services Business) financial license in the United States, which is qualified to carry out related financial businesses legally and in compliance.

The company integrates artificial intelligence, big data, automation systems and other technologies to build a high-performance quantitative trading platform to serve global investors.

Since its establishment, Edtchain has always adhered to the concept of "technology enables finance and data drives the future", built an intelligent trading system around high-frequency trading, cross-platform arbitrage, trend tracking, market neutrality and other strategies, and helped users efficiently configure assets in the global market, improve trading performance, and achieve long-term stable returns.
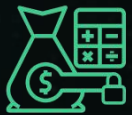
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CORE BUSINESS HIGHLIGHTS

HIGH FREQUENCY TRADING (HFT)
Relying on the micro-second order matching system, to capture the market small price fluctuations, to achieve high speed and low latency operation.

MULTI-ASSET SUPPORT
Covering cryptocurrency, stocks, futures and other mainstream financial assets, unified account intelligent management.

CROSS-MARKET ARBITRAGE
Deploy multi-chain and multi-trading platform arbitrage models to detect spread opportunities in real time and achieve low risk returns.

POLICY COMBINATION OPTIMIZATION
Users can choose different policy combinations according to risk preferences, and the platform automatically dynamically allocates weights.

TREND FOLLOWING STRATEGY
Combine machine learning with market data analysis to drive long-term returns.

VOLATILITY ARBITRAGE MODEL
Identify the deviation between implied volatility and actual volatility, and carry out statistical arbitrage operations.

MARKET NEUTRAL HEDGING
Build a long/short portfolio to avoid systemic risks and steadily obtain excess returns.

HIERARCHICAL FUND SYSTEM
Implements hierarchical configuration and isolation of the primary account and sub-account, meeting the operation requirements of multiple accounts.

HIERARCHICAL FUND SYSTEM
Transaction log system: generates and stores transaction logs in real time, supporting traceability, audit, and performance review.

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TECHNICAL SYSTEM AND PLATFORM ARCHITECTURE

Edtchain has a fully self–developed trading engine and system architecture, with global multi–market parallel computing capabilities.

TRADING ENGINE
With microsecond matching efficiency and high concurrent processing capability.

SYSTEM ARCHITECTURE
Modular design, support cross–platform deployment, ensure system stability and scalability.

BACKTEST AND SIMULATION SYSTEM
Support historical market backtest, strategy simulation and tuning, improve R & D efficiency.

API INTERFACE OPEN
Provides rich interfaces for developers to help third–party development and ecological construction.

STRATEGY EXECUTION ENGINE
Intelligently identifies trade signals and automatically places orders, supports multi–strategy parallel operation and priority configuration, and improves transaction response efficiency.

REAL-TIME DATA PROCESSING CENTER
Build a distributed real–time market processing system, support millisecond level data push, and provide stable data foundation for high–frequency strategy.

AUTOMATIC DEPLOYMENT SYSTEM
Supports one–click deployment, rollback, and dynamic capacity expansion, improving system flexibility and efficiency.

MULTI-DIMENSIONAL VISUAL INTERFACE
Provides a visual console for strategy, trading, risk control and other modules, convenient for users to monitor and operate.

HETEROGENEOUS CLOUD ARCHITECTURE SUPPORT
The system is compatible with various cloud platforms such as AWS, google cloud, and alibaba cloud to achieve global and flexible deployment.

HIGH FAULT TOLERANCE MECHANISM
Design multi–point redundancy system and automatic fault switching mechanism to ensure the platform 7x24 hours uninterrupted operation.

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Edtchain has built a full–stack risk control system, integrating static rules and dynamic learning algorithms to ensure the dual security of platform and user assets.

MULTI-DIMENSIONAL RISK ASSESSMENT

Comprehensive analysis of risk levels from account funds, market fluctuations, leverage ratio and other dimensions.

ADAPTIVE RISK STRATEGY

Automatically adjust risk control parameters and trigger mechanism according to market sentiment and fluctuations.

ANOMALY DETECTION MECHANISM

Combined with behavior recognition algorithm to timely intercept abnormal trading behaviors, such as brushing orders, price manipulation, etc.
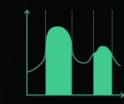
DISASTER RECOVERY MECHANISM

Provides high availability deployment and remote backup capabilities to ensure rapid system recovery in extreme situations.

BLACK SWAN EVENT RESPONSE MODEL

Setting early warning strategy and liquidation logic for extreme market conditions.

LIMIT PRICE AND SLIP POINT CONTROL MECHANISM

To prevent high volatility period triggered by mistake trading or major slip point loss.

RISK CONTROL MODEL SELF-LEARNING SYSTEM

Historical behavior training + machine learning improves model robustness.

USER RISK CONTROL PROFILE SYSTEM

Model user behavior and realize personalized risk management configuration.

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SAFETY AND COMPLIANCE ASSURANCE

As a licensed compliance organization, Edtchain has a comprehensive approach to safety and regulatory compliance:

US MSB LICENSE COMPLIANT OPERATION

Provides trading and asset management services in the united states according to law.

MULTI-COUNTRY COMPLIANCE EXPANSION PROGRAM

Layout of financial license applications in singapore, hong kong, UAE, europe and other markets.

HOT AND COLD WALLET ISOLATION MECHANISM

95% of assets are stored in multi-signature cold wallets to improve fund security.

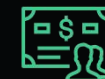### SYSTEM SECURITY HARDENING

SSL full-link encryption, two-factor authentication, and permission control are adopted.

SMART CONTRACT AUDIT SYSTEM

Partner with third-party auditors to regularly review the contract code.

TRANSPARENT RECORD OF ON-CHAIN OPERATIONS

Major transfers can be queried on-chain.

PRIVACY PROTECTION MECHANISM

All platforms comply with GDPR data protection act standards.

ANTI-MONEY LAUNDERING/CUSTOMER IDENTIFICATION (AML/KYC) SYSTEMS

Work with authoritative compliance providers such as sumsub for full process audits.

EDTCHAIN

Edtchain has a highly qualified team of experienced Wall Street traders, financial engineers, data scientists and blockchain developers:

INTERDISCIPLINARY BACKGROUND COMPOSITION

Team members come from finance, artificial intelligence, mathematical modeling, network security and other fields.

10+ YEARS OF REAL TRADING EXPERIENCE

worked for Morgan Stanley, Goldman Sachs and other leading institutions.

JOINT LABORATORY WITH UNIVERSITIES

Established joint research mechanism with MIT, Columbia University, Tsinghua University, etc.

➤ TECHNOLOGY SHARING MECHANISM

Periodically disclose part of modeling methods, risk control schemes and cutting-edge technology developments to the community.

➤ CONTINUOUS LEARNING MECHANISM

quarterly seminars and international technical exchanges.

➤ INTERNAL ALGORITHM COMPETITION INCENTIVE

The internal incentive system that drives strategy optimization and product development.

➤ DEVELOPER DEVELOPMENT SYSTEM

Provides lifecycle technical training and promotion paths.

➤ OPEN AND COLLABORATIVE CULTURE

Build an equal and transparent cross-departmental cooperation mechanism to accelerate product delivery.

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COOPERATIVE ECOLOGY AND INDUSTRY ALLIANCE

EXCHANGE COOPERATION

We have established API docking cooperation with major global exchanges such as binance, OKX and bybit.
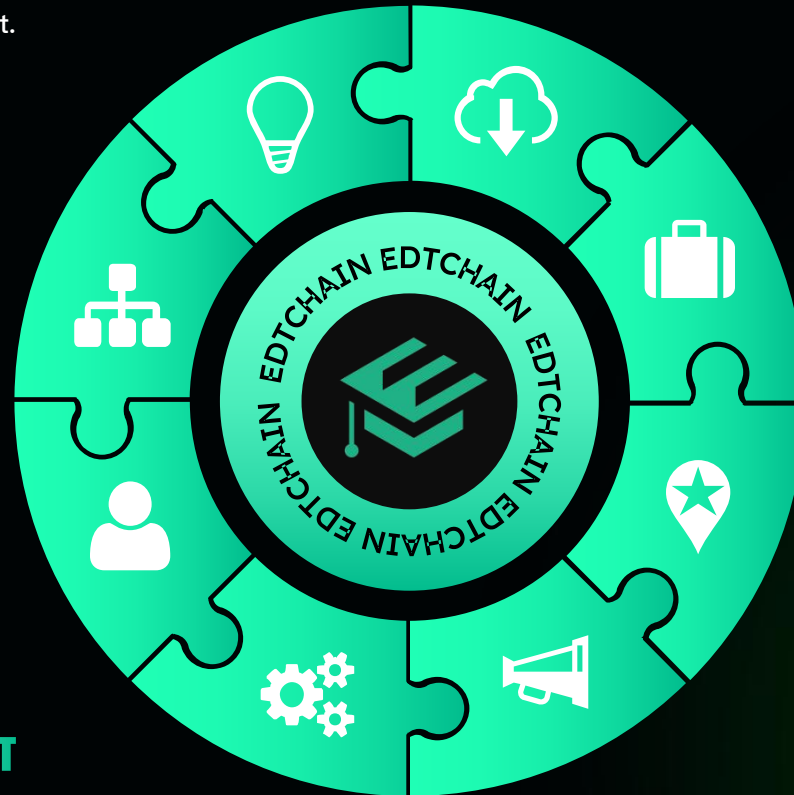
CUSTODY AND LIQUIDATION

Work with leading institutions such as fireblocks and bitgo to ensure asset custody security.

DATA SERVICE PROVIDER

Integrate glassnode, coin metrics and other institutional data sources to enhance strategy analysis capabilities.

REGULATORY AND LEGAL SUPPORT

Employ a team of professional law firms and compliance consultants to ensure global compliance.

TRADING PAIR MATCHING SHARING MECHANISM

Share depth and matching liquidity with partner exchanges.

STRATEGIC COOPERATION FRAMEWORK AGREEMENT

Signed joint research and development agreements with hedge funds and fintech companies.

STANDARDIZATION API CONSORTIUM

Participates in the development of the crypto industry API interface standardization initiative.

ON-CHAIN CREDIT EVALUATION SYSTEM

Cooperate with on–chain data institutions to build user credit scoring system.

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EDTCHAIN IS ACCELERATING ITS GLOBAL EXPANSION:

Asia region
Set up operations centers in Singapore and Hong Kong to serve customers in Southeast Asia and Greater China.

European Market
Establish a London office, radiate the EU financial system and access the local payment system.

North America Core
headquartered in New York, it fully connects with the US financial regulatory system and capital market resources.

Middle East & Africa
Explore opportunities for fintech cooperation with countries such as the UAE and Nigeria to promote financial inclusion.

➢ **INTERNATIONAL MARKET LOCALIZED CUSTOMER SERVICE SYSTEM**
set up multi-language customer service and transaction advisory team.

➢ **MULTI-TIME ZONE RISK CONTROL SUPPORT TEAM**
ensures uninterrupted global user risk control response.

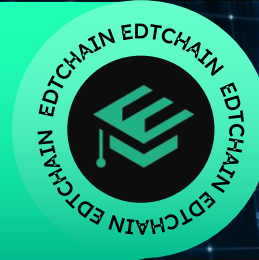➢ **LOCAL LEGAL ADVISORY NETWORK**
Teams of compliance and legal advisers in each market.

➢ **CULTURAL FIT INTERFACE AND PRODUCT DESIGN**
Optimize the operating interface and financial terminology for different markets.

EDTCHAIN

As a technology-driven quantitative trading platform, Edtchain is committed to building an intelligent, comprehensive and open service system to support the diverse needs of users at different levels in strategy research and development, transaction execution, asset management, data analysis and other aspects.

The functional system in the platform planning will cover the following major directions:

STRATEGY RESEARCH AND DEVELOPMENT SUPPORT

Create a low-code strategy development environment, reduce the quantitative threshold, and improve the efficiency of strategy deployment and testing.

INTELLIGENT TRADING TERMINAL

Build multi-account, cross-market trading operation terminal, to provide professional users with both visual and automated trading experience.

ASSET MANAGEMENT AND RISK CONTROL TOOL

Integrates trading, position, return, risk and other information in one, supporting one-stop asset monitoring and management.

DEVELOPER SERVICE INTERFACE

Provides standardized API, supports high-frequency trading, quotation subscription, strategy call and other functions, serving individual and institutional developers.

DATA ANALYSIS CAPABILITY BUILDING

Build a graphical and real-time data platform to support strategy performance tracking and market insight.

USER GROWTH AND EDUCATION SYSTEM

Dedicated learning modules are set up to help new users understand quantitative concepts and master basic transaction logic.

COMMUNITY PARTICIPATION MECHANISM

Design user feedback and voting system, and promote the design and improvement of platform services by users.

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USER GROWTH POINT SYSTEM

through trading, learning, invitation to obtain points to exchange exclusive rights or services.

TIERED ACCOUNT SYSTEM

Different levels of users enjoy differentiated rates, transaction channel priority and dedicated customer service.

VIP USER RIGHTS AND INTERESTS HIERARCHY SYSTEM

Provides exclusive risk control solutions, customized policies, and offline private club rights and interests.

ASSET PROTECTION MECHANISM

a risk reserve pool is set up to provide compensation and protection for users' assets under emergencies.

TWO-FACTOR AUTHENTICATION (2FA) AND BIOMETRIC LOGIN SUPPORT

Enhanced account security.

EDUCATION AND TRAINING RESOURCES

Launched quantitative trading courses and simulation training system for novice and professional users.

SEGREGATED CUSTODY OF CUSTOMER ASSETS

The platform is segregated from user fund accounts and stored separately.

24/7 CUSTOMER SERVICE SUPPORT

multi-language, multi-channel all-weather customer service system to ensure global user communication efficiency.

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Quantitative as a Service (WaaS) is an important strategic direction for Edtchain:

SAAS PLATFORM DEPLOYMENT

Provides enterprise customers with strategic system hosting services in private cloud or public cloud.

STRATEGY MALL ECOSYSTEM

A strategy sharing platform connecting developers and users, supporting rating, subscription and reuse.

AI AUTOMATED TRADING ENGINE

One-click access to the intelligent advisory engine, suitable for different risk appetite strategy combinations.

POLICY PARAMETERIZATION CUSTOMIZATION TOOL

Provides a GUI for configuring parameters without deploying policies.

MULTI-TENANT MODE FOR ENTERPRISE USERS

Meet the needs of large customers for account isolation and data privacy.

DEVELOPER COMMUNITY PORTAL

A centralized resource, documentation and communication forum to encourage the growth of the developer ecosystem.

POLICY VERSION MANAGEMENT AND ROLLBACK

Ensures flexibility and security during policy iteration.

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Edtchain is fully embracing the blockchain future:

DEFI STRATEGY SUPPORT

Interconnect with uniswap, aave and other protocols, run decentralized liquidity and lending strategies.

CROSS-CHAIN ASSET TRADING

Support seamless asset flow between BSC, ethereum, polygon and other chains.

NFT FINANCIALIZATION ATTEMPT

Supports NFT mortgage, lease, and valuation mechanisms, and integrates with defi scenarios.

WEB3 IDENTITY INTEGRATION

Users can use wallet login and DID identity to participate in policy governance and income distribution.

LIQUIDITY AGGREGATOR

Automatically find the best liquidity channel to reduce trade slippage and cost.

ON-CHAIN GOVERNANCE MECHANISM PILOT

Allows users to vote on policy allocations or feature priorities with tokens.

DECENTRALIZED IDENTITY (DID) CONVERGENCE

Integration of on–chain identity systems for single point of authentication and qualification verification.

MULTI-CHAIN ASSET UNIFIED PANEL

Users can view the asset and policy status of each chain on one screen.

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AI TECHNOLOGY LANDING PRACTICE

MARKET FORECASTING MODELS
1
Forecast price trends and volatility using LSTM and transformer models.

SENTIMENT ANALYSIS SYSTEM
2
Real-time crawling news, social media sentiment impact and quantification into strategy factors.

TRADE SIGNAL RECOGNITION
3
Machine learning model analyzes k-line, trading volume, and fund flow changes to generate multidimensional signals.

SELF-EVOLVING ALGORITHM SYSTEM
4
Integrates genetic algorithm and bayesian optimization to realize strategy self-learning and optimization.

AUTOML MODELING MODULE
5
Allows users to train trading models with one click.

DEEP LEARNING FACTOR MINING SYSTEM
6
Identify novel transaction factors from historical data.

REINFORCEMENT LEARNING DYNAMIC POSITIONING MODEL
7
Intelligent positioning based on market feedback.

SEMANTIC RECOGNITION AND TEXT INTERPRETATION MODEL
8
Used to interpret financial news and announcements to generate trading signals.

EDTCHAIN — SUSTAINABLE DEVELOPMENT AND SOCIAL RESPONSIBILITY

GREEN DATA CENTER
Partner with clean energy server providers to reduce your system's carbon footprint.

GREEN FINANCE INITIATIVE PARTICIPANTS
Promoting green asset trading and low–carbon blockchain research.

PHILANTHROPY QUANTIFICATION PROGRAM
Develop public–oriented strategies and donate a portion of the proceeds to global education and environmental projects.

LOW-INCOME USER EDUCATION GRANTS PROGRAM
Provides free training and support accounts for vulnerable groups.

TALENT SUPPORT PLAN
Build laboratories with universities, set up scholarships, and train the new generation of quantitative science and technology.

WOMEN IN QUANTITATIVE FINANCE TALENT PROGRAM
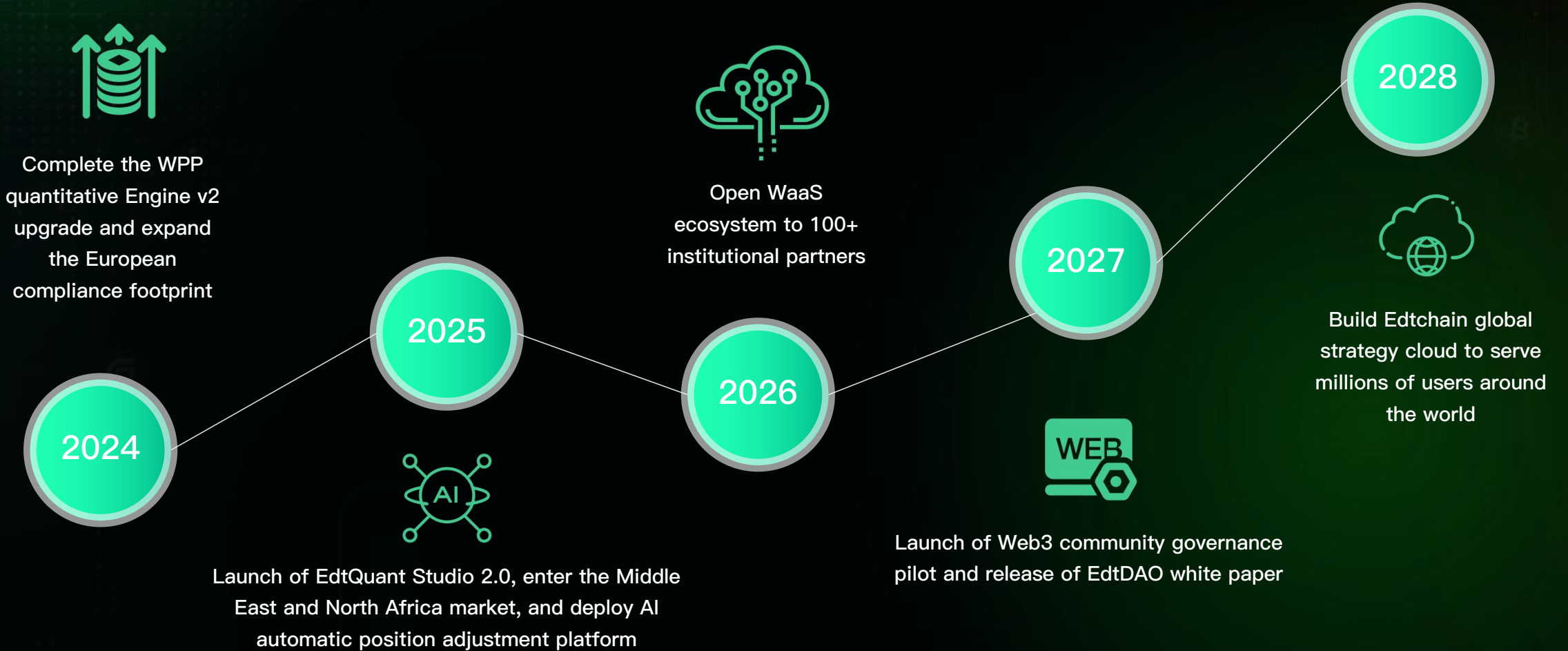Supporting women to enter the field of quantitative and blockchain.

OPEN FINANCIAL EDUCATION
Free courses and open data interfaces will be introduced to lower the threshold for public participation.

QUANTIFIED PUBLIC WELFARE FUND POOL
The platform's surplus is injected into the fund in proportion to support global public welfare.

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INVESTOR AND PARTNER MECHANISM

INSTITUTIONAL COOPERATION MECHANISM

Provide API direct connection, strategy sharing, deal making and other customized cooperation models.

ECO-TOKEN COLLATERAL-FOR-LIQUIDITY PROGRAM

Providing a new mechanism for institutional market entry.

ENTREPRENEUR INCUBATION CHANNEL

Provide resource support, cloud services and seed funds for start-up quantitative teams.

INSTITUTIONAL RISK CONTROL CONSULTING SERVICES

Provide risk assessment and strategy adjustment services for partners.

ECONOMIC INCENTIVES FOR TOKENS (SUCH AS FUTURE OFFERINGS)

For platform governance, contributor rewards, user rebates, etc.

BLOCKCHAIN INVESTOR RELATIONS IR PLATFORM

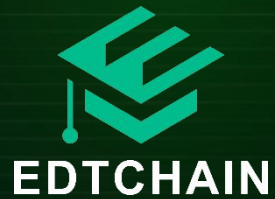Connecting potential investors with strategic project parties.

GLOBAL NODE PROGRAM

Recruit regional representatives to build a global ecosystem of community operations and education.

GLOBAL INNOVATION ACCELERATOR NETWORK COOPERATION

Docking start-up projects for incubation and financing.

EDTCHAIN

Edtchain is on the cusp of a new era of smart finance. We adhere to the concept of technological innovation, compliance operation and user first, and are committed to building a quantitative financial platform that truly serves the world and connects tradition and the future.

In the future, Edtchain will continue to promote the integration of AI and financial technology, expand the service boundary, reduce the financial threshold, and build an open, intelligent and fair financial ecosystem.

We invite global investors, developers, researchers and partners to witness the advent of intelligent quantification.

THANKS FOR WATCHING