

# PECR Exchange White Paper

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Disclaimer: This white paper aims to introduce the vision, products, and technical architecture of the PECR exchange and does not constitute any investment advice. All digital asset products involved must comply with applicable laws and regulations, and users should assess risks on their own.

## 1. Project Vision

PECR is committed to building a world-leading one-stop financial service platform for digital assets, providing a diverse range of services from spo trading to derivatives trading, from digital gold to digital foreign exchange, and from ETF wealth management to private equity channels.

## 2. Market opportunity

- ◆ Globalization trend: An increasing number of institutions and individuals are entering the cryptocurrency market, leading to a growing demand for compliant, transparent, and secure trading platforms.
- ◆ Product diversification: In addition to traditional spot trading, the demand for new products such as options, contracts, ETF wealth management, digital gold, and digital foreign exchange is continuously increasing.
- ◆ Compliance-driven: In the United States, Europe, Asia, and other regions, compliance and licensed exchanges will become mainstream.



### 3. Core Products

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#### Spot Trading

- ◆ Supports mainstream cryptocurrencies: BTC, ETH, USDT, SOL, LTC, etc.
- ◆ The listing standards are strict, ensuring the quality of assets.
- ◆ Deep matching engine, millisecond-level transactions.



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#### Futures & Margin

- ◆ Perpetual contracts, multi-quarter contracts
- ◆ Maximum support for 125x leverage
- ◆ Real-time risk control mechanism to prevent extreme market situations from causing liquidation.
- ◆ Multi-currency margin model (USDT/coin-based)



3

#### Options Trading

- ◆ Provide Bitcoin and Ethereum options
- ◆ Support for European/American options
- ◆ Provide combination margin and strategy trading (such as straddles, butterflies, etc.)
- ◆ Targeting institutions and professional traders



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#### Digital Gold

- ◆ Each tokenized gold is backed by real physical gold.
- ◆ 100% reserve transparency, third-party audit
- ◆ Users can buy and sell at any time, and they can also apply to redeem physical assets.



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## Digital Forex

- ◆ Provide foreign exchange trading of stablecoins against fiat currency.(USDT/USD, USDT/EUR, USDT/JPY, etc.)
- ◆ Low spreads and high liquidity
- ◆ Combining the advantages of blockchain cross-border payments for quick settlement.



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## Crypto ETF & Earn

- ◆ Index ETFs (tracking BTC and ETH market indices)
- ◆ Sector-specific ETFs (DeFi, GameFi, AI concepts)
- ◆ Fixed income financial products (pledge, stable income pool)
- ◆ All products have undergone risk control and compliance review.



7

## Private Placement Tokens

- ◆ Provide qualified investors with the opportunity to participate in early-stage quality blockchain projects.
- ◆ Risk warning and due diligence mechanisms are strict.
- ◆ Support for token locking and phased release



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## OTC Desk

- ◆ Fiat currency rapid deposit and withdrawal
- ◆ Supports multi-currency settlements such as USD, Euro, and Yen.
- ◆ Provide institutional block trading services
- ◆ Full-process AML/KYC compliance review



## 4. Technical framework

- Matching Engine: Implemented in C++/Rust, supporting millions of TPS (transactions per second)
- Wallet System: Cold and hot wallet separation, HSM hardware encryption, multi-signature mechanism
- Risk Control System: Real-time monitoring of liquidation risks, price manipulation, and abnormal trading
- Data System: Distributed storage, second-level market data push, supports REST/WebSocket API
- Security System: Regular third-party security audits, vulnerability bounty program, exchange insurance fund

## 5. Compliance and Regulation

- Registered as MSB with the US FinCEN
- Applying for relevant SEC licenses and CFTC derivatives trading license
- Strictly implementing KYC/AML processes, using world-leading risk control suppliers
- Regularly publishing audit reports and transparent reserve proofs

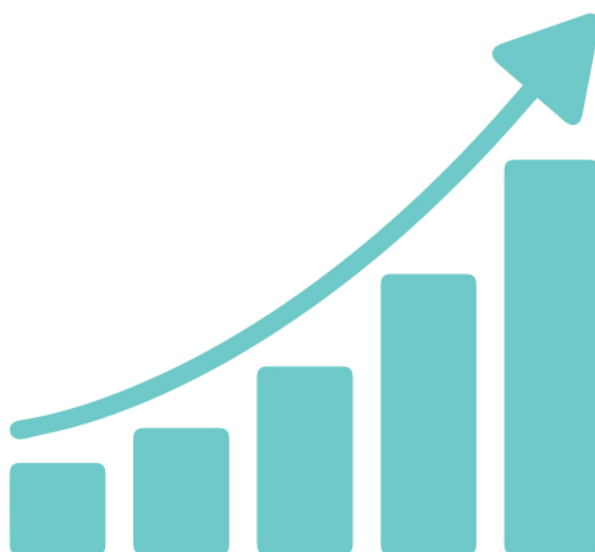
## 6. Ecosystem

### • Exchange native token (PEC)

- Transaction fee deduction
- Position rebates, airdrop rights
- Governance voting
- Project incubation and token listing application deduction

### • Community Ecology

- User Ambassador Program
- Developer Fund
- Academy and Training System



## 7. Business model

- Sources of income include:
- Transaction fees (spot/contract/option)
- Management fee for financial products
- OTC large transaction handling fee
- Listing fee and project incubation services
- API institutional services and clearing

## 8. Development roadmap

- Q4 2025: Complete license applications in the U.S. and Europe, start internal testing.
- Q1 2026: Launch spot, contract, and leveraged trading, start liquidity incentive program.
- Q2 2026: Introduce ETF wealth management, digital gold, and digital foreign exchange products.
- Q3 2026: Launch options trading, open API to institutional users.
- 2027: Become one of the top ten compliance digital asset trading platforms globally.

2005



2006



2007



## 9.Team and customer

- Founder/CEO: Many years of experience in Wall Street investment banking and blockchain startups.
- CTO: Former high-frequency trading system architect, skilled in matching and distributed systems.
- Compliance Officer: Holds a U.S. attorney license and has worked at an international law firm.
- Consulting team: composed of blockchain security companies, investment banking partners, and experienced fund managers.



## 10.Risk warning

- Market risk: Digital assets are highly volatile, and investment should be cautious.
- Compliance risk: Regulatory policies in various countries may change at any time.
- Technical risk: Systems may be subject to attacks or anomalies.
- Liquidity risk: Some new cryptocurrencies may lack sufficient liquidity.



# 11. Conclusion

The PECR exchange aims to become the preferred digital asset financial platform for global users through safe, compliant, and diversified products and services. We believe that blockchain and digital assets will reshape the global financial landscape in the next decade, and PECR will be an important participant in this process.

# 12. Disclaimer

This white paper (hereinafter referred to as "this document") is intended solely to introduce the business model, product planning, and future development direction of the PECR exchange. The contents of this document are for reference only and do not constitute any form of investment advice, fundraising explanation, securities issuance, or prospectus. Readers should assess the risks independently before making investment decisions or using relevant services, and consult professional advisors as necessary.

## 1. Not an investment advice

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## 2. Market Risk

Digital assets and related derivatives (including spot, contracts, options, ETFs, digital gold, digital foreign exchange, private tokens, OTC trading, etc.) have high market volatility and risk, which may result in partial or total loss. Investors should fully understand and accept the associated risks.

## 3. Compliance and Regulation

The legal and regulatory environment for digital assets varies across different jurisdictions and may change at any time. PECR does not guarantee that its products and services comply with legal and regulatory requirements in all regions. Users are responsible for ensuring that their participation does not violate relevant laws and regulations in their location.

#### 4. Technical Risks

Although PECR is committed to providing safe, stable, and reliable systems and services, it may still face risks such as hacking, network interruptions, and vulnerabilities in smart contracts. PECR is not responsible for losses caused by force majeure or third-party factors.

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## In simple terms

- This white paper is for reference only.
- Does not constitute investment advice.
- Investing requires caution, and the risks are borne by oneself.
- Compliance varies according to regional laws.

