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- # Body

- ## Encoins Home

- ### Protect your privacy with Encoins

- Cardano Native Tokens with Encrypted Redeeming Values
- Launch App
- Join our community

Body	
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- ### INTRODUCTION

- How to mint?
  - Send ADA into the protocol to mint a bundle of NFTs (aka ENCOINS). Each token contains an encrypted redeeming value known only to you. The total redeeming value is equal to the ADA provided.
- How to use?
  - ENCOINS can be used as any other native asset on Cardano: they can be traded, gifted, or used in other DeFi protocols that support them. They can also be used in ENCOINS Ledger, our upcoming shielded accounts system.
- How to redeem?
  - ENCOINS can be burned to receive their redeeming ADA value back. Only the user who knows its minting key can redeem an ENCOINS token.

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- **Buy ENCS**

- **ROADMAP**

- **ENCOINS Announced**

  ENCOINS protocol was announced in August 2022. The team released White Paper v0.1. The project received community funding through the ISPO and Project Catalyst.

- **Token Generation Event**

  The decentralized token generation and distribution ceremony was held on March 13-22. The ceremony followed the algorithm presented here.

- **Public Test**

  ENCOINS Public Test began in March 2023. Since then, users have been testing the DApp on Cardano testnets. In the second phase, we expect relayers to join in.

- **Mainnet Launch**

  After the Public Test and audit, everything will be ready for the mainnet launch.

Users can now mint, trade, and transfer ENCOINS using their wallet or ENCOINS Ledger.

- **Ecosystem Integrations**

  We plan to integrate ENCOINS with selected Cardano Ecosystem projects, including wallets, DeFi, and NFT dApps. All potential partners are welcome!

- **Native Assets Support**

  Currently, ENCOINS protocol only supports wrapping of ADA. This support will eventually be extended to all native assets on Cardano, including Cardano NFTs.

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- **ISPO**

- **INITIAL STAKE POOL OFFERING**

• Participate in the ISPO to support our project!

- **ABOUT ISPO**

- Initial stake pool offering (ISPO) is a novel method to distribute a protocol's utility tokens to the community using the Cardano blockchain. It ensures a high degree of decentralization of the token ownership and simultaneously supports the project's development.
- Currently, we are distributing a total of 10 000 000 ENCS tokens (from the total supply of 15 000 000 ENCS) to delegators of our very own stake pool with the ticker symbol [CMIX]. Our ISPO, initially started on Epoch 319 (early February 2022) as CardMix ISPO, will last until all tokens are assigned. To participate in the token distribution, users delegate their ADA to our stake pool [CMIX]. The ENCS rewards are calculated for every epoch individually, so users may decide to participate for any number of epochs. Our pool is also a part of Cardano Single Pool Alliance (CSPA).
- Our pool: pool1pmeetaqhlsdc5yj8snp8j46hprs9mzghxcl63vch95trz3xwpln
- In hex format: 0ef395f417fc1b8a124784c279575708e05d8917363fa8b3172d1631
- Check the pool on third-party aggregators: cexplorer.io, adapools.org, pooltool.io.
- You can delegate your ADA to a stake pool in your Cardano wallet app. It is completely safe, as your funds never leave your wallet. Enter CMIX in the pool search textbox inside your wallet app to find our stake pool. To be sure you are delegating to the right pool, check the pool ID.

- **REWARDS CALCULATOR**

- Participants of the ISPO can track their accumulated rewards using the calculator below. Enter your stake key to see how many ENCS tokens you have secured so far. The information is updated every epoch (5 days). Type your stake address below:
- Distributed in the ISPO: 9 899 755 ENCS (out of 10 000 000 ENCS).
- Each epoch, we distribute between 120 000 and 600 000 tokens depending on the pool saturation. The per-ADA rewards are higher when the saturation is low. 90% of ENCS tokens are distributed proportionally to your delegation. The rest is distributed through a lottery. Every ISPO participant with at least 1000 ADA stake

is eligible. You can check the rest of the details about the ISPO here.

- **EPOCH 396 LOTTERY WINNERS**

- At the start of each epoch, we use the hashes of the first few blocks to determine our winners. Simultaneously, we publish the list of participants for the next lottery. You can find it here. Below are the last epoch's winners.
- The winners secure additional 4000 ENCS. Congratulations!!!

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- **App**

- **Disclaimer**

- Encrypted Coins (aka Encoins) are Cardano native tokens with encrypting redeeming values. The Protocol is comprised of free, public and open-source software including a set of immutable and autonomous smart contracts deployed on the Cardano blockchain. Your use of the Encoins Protocol involves various significant risks, including, but not limited to, financial loss while digital assets are being managed in the Protocol. Before using the Encoins Protocol, you should closely review the relevant documentation to make sure that you understand how the Protocol works and the risks of your use of the Protocol. The Protocol may be accessed through many web or mobile computer service interfaces; you are responsible for doing your own diligence regarding such interfaces to understand the fees and risks that they present, as for example the custody of your minting keys, fumbling exports, etc. Although Encoins team developed much of the initial software code for the Encoins Protocol, it does not provide, own, or control the Encoins Protocol, which is run independently by smart contracts deployed on the Cardano blockchain. The Protocol does not constitute an account by which Encoins team or any other third parties act as financial intermediaries or custodians. While the software code has undergone beta testing and continues to be improved by feedback from the developer community, open-source contributors and beta-testers, we cannot

guarantee that there will be no bugs in the Protocol. Upgrades and modifications to the Protocol are or will be managed in a community-driven way through decentralized governance. As a condition of your use of the Encoins website or any third party website connecting to it (collectively the “Site”), you agree that you: (i) are at least 18 years of age; (ii) are not barred from using the Protocol, the Site, or any connected services under any law applicable to you; (iii) will not interfere with the intended operation of the Protocol or Site, including by hacking, submitting a virus, fraudulent information or tokens, or attempting to overload, “flood,” or “crash” the Protocol or Site; and (iv) you are, and your use of the Protocol is and will be, in compliance at all times with all laws, rules, regulations or orders applicable to you. THE PROTOCOL, THE SITE AND ALL INFORMATION CONTAINED ON THE SITE, ARE MADE ACCESSIBLE OR AVAILABLE ON
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• Ok

アプリ

免責事項

Encrypted Coins (別名 Encoins) は、暗号化された償還価値を持つ Cardano ネイティブ トークンです。プロトコルは、Cardano ブロックチェーンに展開された不変で自律的なスマート コントラクトのセットを含む、無料の公開オープンソース ソフトウェアで構成されています。Encoins プロトコルの使用には、プロトコルでデジタル資産が管理されている間の金銭的損失など、さまざまな重大なリスクが伴います。Encoins プロトコルを使用する前に、関連するドキュメントをよく読んで、プロトコルの仕組みとプロトコルの使用に伴うリスクを理解していることを確認してください。プロトコルには、多くの Web またはモバイル コンピューター サービス インターフェイスからアクセスできます。このようなインターフェイスに関する独自の調査を行い、たとえば、ミントキーの保管、エクスポートの失敗など、それらに伴う料金とリスクを理解する責任があります。Encoins チームは Encoins プロトコルの初期ソフトウェア コードの多くを開発しましたが、Cardano ブロックチェーンに展開されたスマート コントラクトによって独立して実行される Encoins プロトコルを提供、所有、または管理していません。プロトコルは、Encoins チームまたはその他の第三者が金融仲介者または管理人として機能するアカウントを構成するものではありません。ソフトウェア コードはベータ テストを受けており、開発者コミュニティ、オープンソースの貢献者、ベータ テスターからのフィードバックによって改善され続けていますが、プロトコルにバグがないことを保証することはできません。プロトコルのアップグレードと変更は、分散型ガバナンスを通じてコミュニティ主導で管理されています。Encoins Web サイトまたはそれに接続する第三者の Web サイト (総称して「サイト」) の使用条件として、お客様は次のことに同意するものとします。(i) 18 歳以上であること。(ii) お客様に適用される法律の下で、プロトコル、サイト、または接続されたサービスを使用することを禁じられていないこと。(iii) ハッキング、ウイルス、不正な情報またはトークンの送信、またはプロトコルまたはサイトの過負荷、フラッディング、またはクラッシュの試みを含む、プロトコルまたはサイトの意図された操作を妨害しないこと。 (iv) あなたは、また、あなたによるプロトコルの使用は、あなたに適用されるすべての法律、規則、規制、または命令に常に準拠しており、今後も準拠し続けるものとします。プロトコル、サイト、およびサイトに含まれるすべての情報は、「現状有姿」および「提供可能な範囲で」アクセス可能または利用可能となります。あなたは、サイトまたはプロトコルの使用が自己の責任で行われることに明示的に同意します。適用法によって認められる最大限の範囲において、ENCOINS PROTOCOL、関連会社、パートナー、またはそれらのいずれかに関連する開発者、従業員、代理人、ライセンサー（総称して「当事者」）は、サイトまたはプロトコルの使用が中断されず、完全に安全で、ウイルスやエラーがないことを保証するものではなく、また、サイトまたはプロトコルの使用から得られる結果についても保証しません。各当事者は、明示的か黙示的かを問わず、本プロトコル、本サイト、または本サイトに含まれるあらゆる情報に関して、所有権、非侵害、商品性、特定目的への適合性および適合性、ならびに履行過程または取引過程から暗示される保証を含むがこれらに限定されない、あらゆる表明、保証および条件をここに否認します。いかなる場合も、当事者は以下に起因する、またはこれに関連する損害について責任を負わないものとしま

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• Ok

- **Tabs**

- Welcome to ENCOINS! You can select the mode of operation from this menu.
- Ok

- **Coins in the Wallet**

- In the left column, you see the coins from your wallet. Clicking on a particular coin reveals its full name and asset fingerprint. To select coins to burn in the current transaction, check the boxes on the left. To copy the minting key, click on the key icon.
- Ok

- **Coins to mint**

- Here, you can add new coins to mint by entering their ADA value and clicking the “+” button (or by pressing “Enter” on the keyboard). You can remove a coin from the current transaction by clicking the “x” button.
- Ok
- **Transaction balance**

- Here, you can see the net ADA balance of the current transaction and protocol fees. A positive balance means you are withdrawing ADA from the protocol.
- Ok

- **Send button**

- Once you finished building the transaction, you can press “SEND REQUEST” button to execute it.
- Ok

- **Import/Export buttons**

- All known coins are stored locally on your device. Here, you can import the coins that are new to this device. You can also export your coins for backup or use on another device. We recommend exporting coins after each session as they are currently stored in the browser cache.
- Ok

- **Useful links**

- Full user documentation is always available at docs.encoins.io. Visit our Discord community at discord.gg/Q3gPP87Tcw. Stay up to date with the project’s news on Twitter at twitter.com/ENCOINS1.
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Ok	Ok

- **ENCOINS Mainnet**

- **CONNECT**

- Connect Wallet
- Disconnect

- **Encoins Cloud Backup**

- Save encoins on cloud
  - ON
  - OFF
- Cloud synchronization status
  - The synchronization is impossible. There are not tokens in the local cache
- Your AES key for restoring encoins. Save it to a file and keep it secure!
  - Copied!

- Cloud key is absent
  - Tip: store it offline and protect with a password / encryption.
  - Enable password protection in the Encoins app.
- cloud key should be exactly 64 hexadecimal digits

- Generate
- Delete
  - Delete Cloud Key
    - This action will remove cloud key from the cache! If you won't remember the key you can't recover encoins from remote server! Are you sure?
  - Delete
  - Cancel
- Enter
  - Restore all unburned encoins from cloud with your current key
- Restore
- **Protect cache of Encoins app**

- Enter password:
- Repeat password:
- Save
- **Encoins' tutorials**

- How to delegate
- How to use wallet mode
- How to use ledger mode

•

ENCOINS Mainnet	
CONNECT	
Connect Wallet	
Disconnect	
Encoins Cloud Backup	
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ON	
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Enter password:	
Repeat password:	
Save	
Encoins’ tutorials	
How to delegate	

How to use wallet mode	
How to use ledger mode	

- **Wallet**

- Transaction balance: 0 ADA
  - Balance formula 0 = (0 - 0) - 0
  - txBalance = (bAda - mAda) - fee
  - bAda = sum of Ada in the encoins being burned
  - mAda = sum of Ada in the encoins being minted
  - fee = commission of the relay
- Coins in the Wallet
  - No coins found.
- Coins to Mint
  - Enter ADA amount…
  - ADA
- Import
- Export
- SEND REQUEST
  - Connect ENCOINS to a wallet first.

- **Transfer**

- Coins in the Wallet
  - You are now in the transfer mode! To select the coins to transfer, check the boxes on the left.
- Send buttons
  - You can send coins to another user or to the ENCOINS Ledger script for use in the Ledger Mode.
- Transaction balance (to Wallet): 0 ADA
- Transaction balance (to Ledger): 0 ADA
  - Balance formula 0 = - (0 * 4)
  - txBalance = - (nEncoins * deposit)

    - nEncoins = number of the encoins being transferred
    - deposit = returnable deposit for placing your encoins into the ledger (4 Ada)
- Send to wallet
- Send to Ledger

- **Ledger**

- Ledger mode

  You are now in the Ledger mode! The ENCOINS Ledger is the on-chain script that acts as your stealth account. Sending coins to another user is as simple as sharing the minting keys off-chain. To receive a coin, import the minting key and re-mint the coin to gain the full control of it.

    - Ok
- Coins in the Ledger

  Here, you can see the known coins that are stored on the ENCOINS Ledger. To select the coins to burn in the current transaction, check the boxes on the left.

    - Ok
- Coins to mint

  Here, you can add new coins to mint as in the Wallet Mode. Use the “Add Change” button to auto-balance the transaction. This creates a pure transfer on the ENCOINS Ledger without withdrawal. You can choose any wallet address as the destination when withdrawing from the ENCOINS Ledger.

    - Ok
- Transaction balance: −4 ADA
    - Balance formula
    - −4 = (0 - 0) + (0 - 0) * 4 - 4
    - txBalance = (bAda - mAda) + (bEncoins - mEncoins) * deposit - fee
    - bAda = sum of Ada in the encoins being burned
    - mAda = sum of Ada in the encoins being minted
    - bEncoins = number of the encoins being burned
    - mEncoins = number of the encoins being minted
    - deposit = returnable deposit for placing your encoins into the ledger (4 Ada)
    - fee = commission of the relay
- Coins in the Wallet
    - No coins found.

    - Import
    - Export
- Coins to Mint
    - Enter ADA amount…
    - ADA
- SEND REQUEST
    - Minting of at least one coin in a transaction is required.
- ADD CHANGE

Wallet	
Transaction balance: 0 ADA	
Balance formula 0 = (0 - 0) - 0	
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bAda = sum of Ada in the encoins being burned	
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Coins in the Wallet	
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Coins to Mint	
Enter ADA amount…	
ADA	ADA
Import	
Export	
SEND REQUEST	
Connect ENCOINS to a wallet first.	
Transfer	
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Transaction balance (to Wallet): 0 ADA	
Transaction balance (to Ledger): 0 ADA	
Balance formula 0 = - (0 * 4)	
txBalance = - (nEncoins * deposit)	

nEncoins = number of the encoins being transferred	
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Send to wallet	
Send to Ledger	
Ledger	
Ledger mode	
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Ok	Ok
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Ok	Ok
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Balance formula	
txBalance = (bAda - mAda) + (bEncoins - mEncoins) * deposit - fee	
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deposit = returnable deposit for placing your encoins into the ledger (4 Ada)	
fee = commission of the relay	
Coins in the Wallet	
No coins found.	
Import	
Export	

Coins to Mint	
Enter ADA amount…	
ADA	ADA
SEND REQUEST	
Minting of at least one coin in a transaction is required.	
ADD CHANGE	

- **DAO**

- ENCOINS DAO Mainnet
- CONNECT
- DELEGATE
- Wallet: Error:
  - Wallet is not connected!
  - No ENCS tokens to delegate!
- Active poll
- Concluded polls

DAO	DAO
ENCOINS DAO Mainnet	
CONNECT	
DELEGATE	
Wallet: Error:	
Wallet is not connected!	
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Active poll	
Concluded polls	

- **Footer**
- **ENCOINS**

- ENCOINS is a decentralized private accounts and payments protocol on the Cardano blockchain. ENCS utility token policyID: 9abf0afd2f236a19f2842d502d0450cbcd9c79f123a9708f96fd9b96.
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