



ERA SWAP

WHITE PAPER



DECENTRALIZED AUTONOMOUS ORGANIZATION





This whitepaper pertains to Era Swap Network, Era Swap utility Token ("ES"), and Era Swap Ecosystem ("ESE"). Its primary purpose is to offer potential community members insights into the ES project. It explicitly states that it does not serve as an offer or solicitation for buying or selling securities or investing in financial instruments. This document should not be used as a basis for making financial decisions and is not a prospectus.

The ownership of ES tokens grants community members access to the Era Swap Ecosystem and its decentralized utility platforms. It clarifies that ES tokens are not designed as securities within any jurisdiction. Unlike traditional securities, participants in the Era Swap Network have control over their funds and the activities generating ES, based on their efforts. The success of their enterprise is determined by their actions rather than the Promoter's or Developer's endeavors.

Agreements related to ES utility between the Promoter and potential purchasers are subject to their individual consent. Era Swap holders or purchasers should not anticipate guaranteed profits from their stakings or ES holdings. The value of ES is influenced by market dynamics due to its decentralized, Peer-to-Peer structure, rather than relying on the efforts of the Promoters or Developers.

The whitepaper's content may be updated, modified, or omitted based on evolving technology and market conditions, with no prior notice. The ES platform commits to adhering to the best practices, policies, and procedures to ensure legal and regulatory compliance in all operating jurisdictions. All ES members are required to follow Know Your Customer (KYC), Anti-Money Laundering (AML), and Combating Financing of Terrorism (CFT) norms in line with global standards.

KMPARDS reserves the right to enhance, iterate, and improve the platform in the future, as well as incorporate additional blockchains when necessary for the community's benefit.



ERA SWAP DAO

- 04 Identified Problems
- 05 Phases in Blockchain
- 06 Blockchain System
- 07 Era Swap DAO
- 08 Smart Contracts & Web 3.0
- 09 Era Swap Key Drivers
- 10 Era Swap DAO Architecture

ERA SWAP NETWORK

- 11 Era Swap Network
- 12 ESN Abstract
- 13 Introduction to Era Swap Network
- 14 Development Overview
- 15 ESN Overview
- 16 ESN Overview Diagram
- 17 Era Swap Network: Specification
- 18 Era Swap Network: Specification
- 19 Actors in Era Swap Network
- 20 Quadratic Methodology Summary
- 21 Rewards Allocation
- 22 Converting ES-ERC20 to ES-Na
- 23 Attack Vectors
- 24 Future Scope in ESN
- 25 Road Map Planning
- 26 ESN Roadmap & Development Plan
- 27 ESN Roadmap & Development Plan
- 28 ESN Rewards Guidance
- 29 ESN Guidance

ERA SWAP TOKEN

- 30 Era Swap Token
- 31 Era Swap User Advantages
- 32 Tokenomics
- 33 Score Card
- 34 Token Release
- 35 TimeAlly Impact
- 36 Demand Projection Factors of Era Swap
- 37 Era Swap (ES) Utility - Guidance
- 38 TimeAlly 1 Life Time Smart Contract
- 39 TimeAlly 1 Life Time Loan
- 40 Features of Isstime Limit
- 41 TimeAlly 1LT Illustration
- 42 TimeAlly 1LT Illustration Isstime Limit
- 43 TimeAlly Assurance
- 44 TimeAlly PET
- 45 TimeAlly Super Goal Achiever Plan (TSGAP)
- 46 (TSGAP)
- 47 (TSGAP)

ERA SWAP ECOSYSTEM

- 48 Era Swap Ecosystem
- 49 ES Utility Platforms
- 50 Current Industry Market Size
- 51 ESE Platforms in Nutshell
- 52
- 53
- 54 Era Swap Wallet
- 55 Time Swappers
- 56 Day Swappers
- 57 Day Swappers Influence Chart
Direct & Indirect Incentive
- 58 TimeAlly Club
- 59 Swappers Wall
- 60 BuzCafe
- 61 KYCDApp
- 62 BetDeEx
- 63 CertiDApp
- 64 SurveysDApp
- 65 Era Swap Academy
- 66 Era Swap Cloud
- 67
- 68 Value of Farmers
- 69 Date Swappers
- 70 RentingDApp
- 71 BookingDApp
- 72 PoolinDApp
- 73 CouponDApp
- 74 CureDAap
- 75 RecyclingDApp
- 76 CharityDApp
- 77 Faith Minus
- 78
- 79 Global Market Potential Estimate
- 80 Illustration of User Acquisition Projection
ES Volume Percentage Projection
- 81 SWOT Analysis
- 82 Platform Fuel & Incentive
- 83 Our Partners

ROADMAP & CONCLUSION

- 84 Era Swap Road Map
- 87 Era Swap (ES) Conclusion
- 88 Statuary Warning & Privacy Policy
- 90 Terms & Conditions
- 92 Social Media Links

IDENTIFIED PROBLEMS



Deficiency of Centralization



Data Shared to Third Party



Shared Control



Third-Party Permission



Unemployment



Lack of Transparency



Platform Cost



Third Party Cost



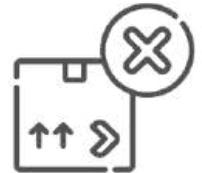
Unserved



Underserved



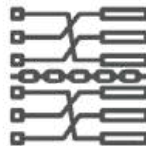
Underdeveloped



Undeveloped



Less TPS on Blockchain



Use of Blockchain



Unbanked



Global Payment Gateways



Manipulation & Dominance



Convenience Fee

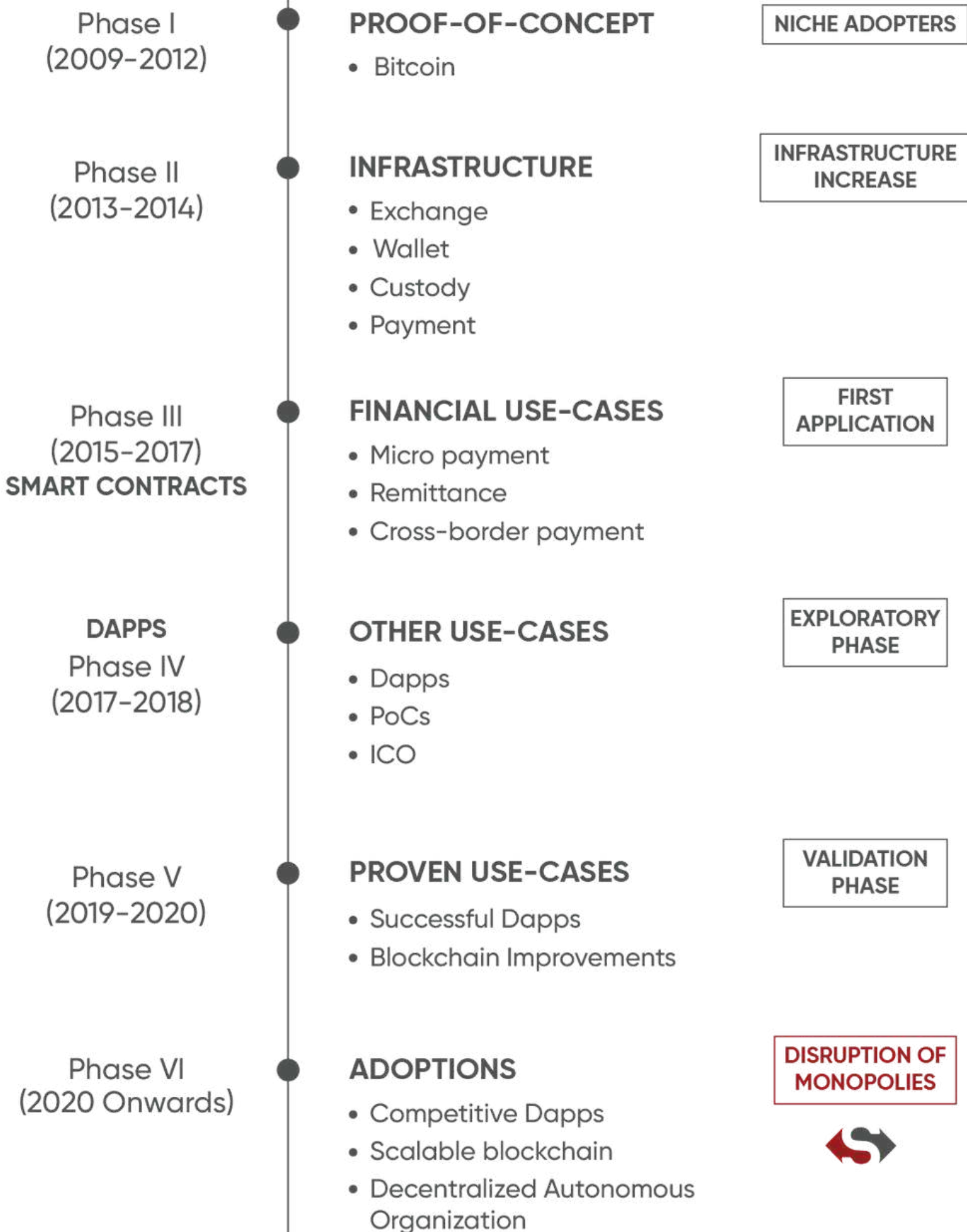


Blockchain Transaction Cost



Transaction Time on Blockchain

PHASES IN BLOCKCHAIN





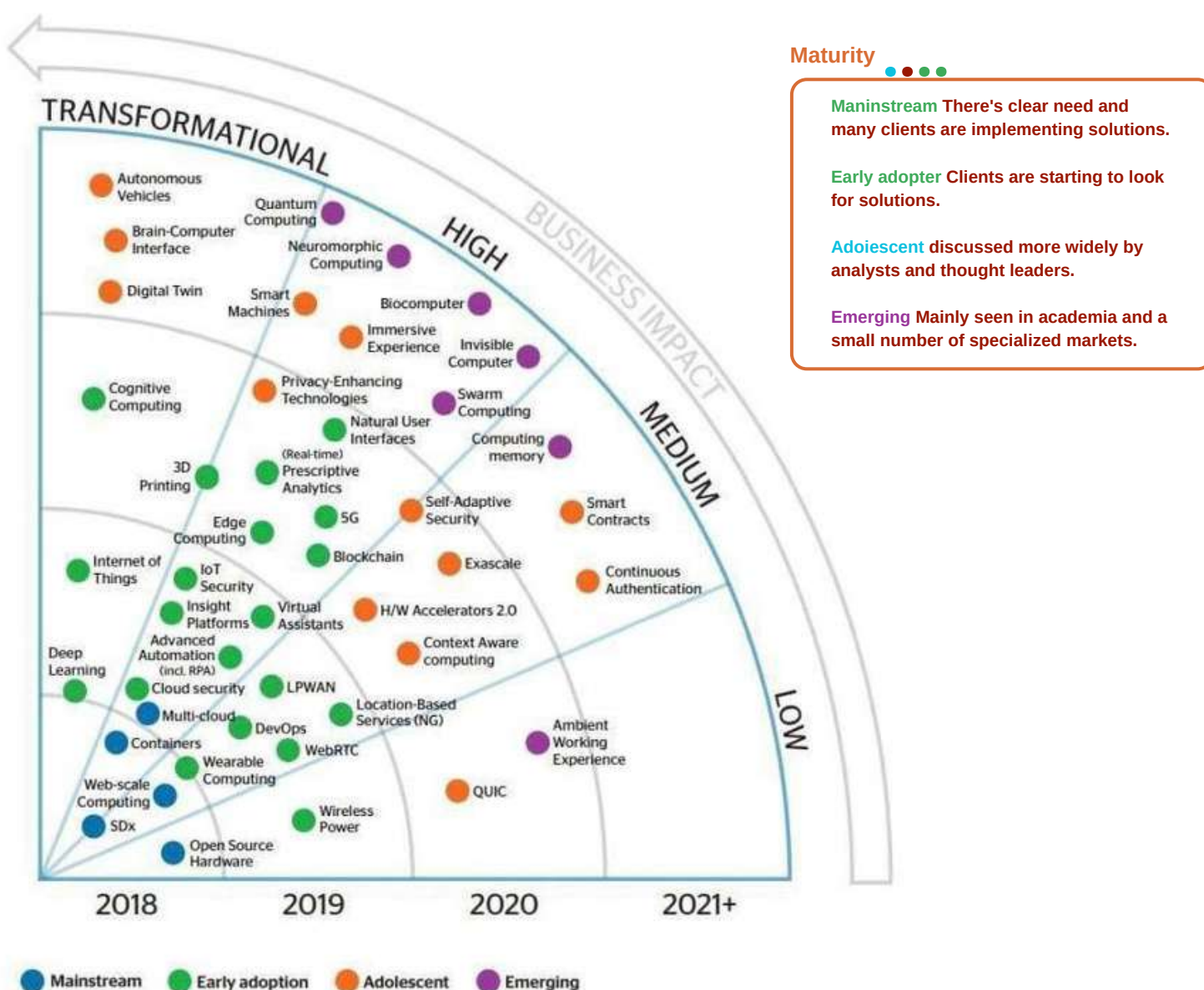
Era Swap traces its origins back to KMPARDS, an organization committed to promoting awareness and understanding of cutting-edge technologies such as Blockchain worldwide. This mission is accomplished through endeavors such as in-depth product research, development, and accessible eLearning initiatives.

The core concept revolves around a utility token native to the Era Swap Network. This token serves as the foundation for a variety of interconnected decentralized applications (DApps) that operate without intermediaries, collectively constituting the Era Swap decentralized ecosystem. These DApps are designed to facilitate peer-to-peer exchanges among participants within this ecosystem.

To realize the technological aspirations of Era Swap, a side-chain blockchain is being constructed atop the Ethereum blockchain. This architecture leverages the plasma framework and sharding techniques, resulting in enhanced scalability and transaction speed, all while maintaining economical gas fees.

The driving rationale behind this innovative framework is to achieve three primary objectives: scalability, transaction speed, and cost-effectiveness. Era Swap aims to provide users of its ecosystem with seamless and swift peer-to-peer transaction capabilities, all the while upholding the principles of security and trust lessness for assets being exchanged.

In terms of timeline, the development and implementation of Era Swap's vision are aligned with the milestones outlined in the Era Swap roadmap. This roadmap serves as a guide for the progression of Era Swap's initiatives and illustrates the phases through which its objectives will be realized.





The Era Swap Decentralized Autonomous Organization (DAO) operates as a self-governing entity on the blockchain, devoid of intermediaries and controlled through smart contracts. This innovative approach replaces the need for centralized authority with a code-driven framework that establishes trust between stakeholders and the organization. Essentially, a DAO is managed by computer programs and operates autonomously according to predefined rules, fostering a collective effort towards shared objectives.


The deployment of DAO on a blockchain network eliminates individual control and instead vests authority in the community of participants, known as stakeholders. Through smart contracts embedded in the protocol, all transactions are executed, ensuring optimal outcomes for the network. A crucial distinction of DAO lies in the fact that its members are not bound by traditional contracts, but are motivated by a shared alignment with the consensus rules and incentives. This transparency prevents any single entity from unilaterally making decisions, promoting a truly decentralized structure.

Era Swap DAO utilizes a consensus mechanism to harmonize the interests of the organization with those of its stakeholders. The stakeholders, who are participants in TimeAlly, align their interests with the DAO's reward rules, enabling them to claim Era Swap's native token. To enact changes or proposals, a consensus of at least 66% of stakeholders in Era Swap DAO must be reached through voting. The entire transaction history and rules are securely recorded on the Era Swap Network, reinforcing the trustworthiness of the system. Era Swap DAO is adaptable and can evolve over time.

Era Swap DAO employs Proof of Stake (PoS) Validators for network management. Ownership lies with TimeAlly Stakers who have staked Era Swap tokens, while supervision is carried out by Blokcee, and the actual work is performed by contractors. The network's governance hinges on the token-based PoS consensus mechanism, facilitated by complex smart contracts rather than conventional legal agreements. The TimeAlly Smart Contract acts as the governing protocol, rewarding participants in accordance with their behaviors within the network.

In comparing Era Swap DAO to traditional organizational structures like corporations and cooperatives, it's evident that Era Swap DAO's foundation rests on blockchain technology and PoS Validators. This contrasts with the hierarchical nature of corporations and cooperatives, offering a more decentralized and democratic approach to governance. Era Swap DAO's guiding principles lie in smart contracts and shared incentives, fostering collaboration and alignment among stakeholders, while traditional organizations rely on legal contracts and formal hierarchies for decision-making.

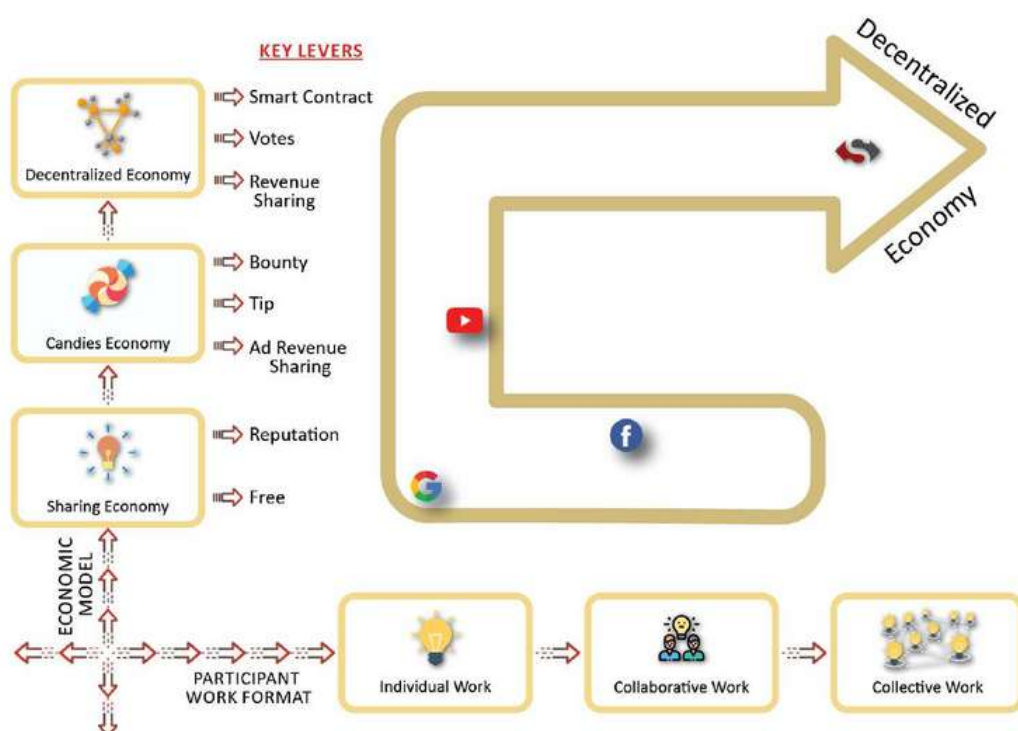
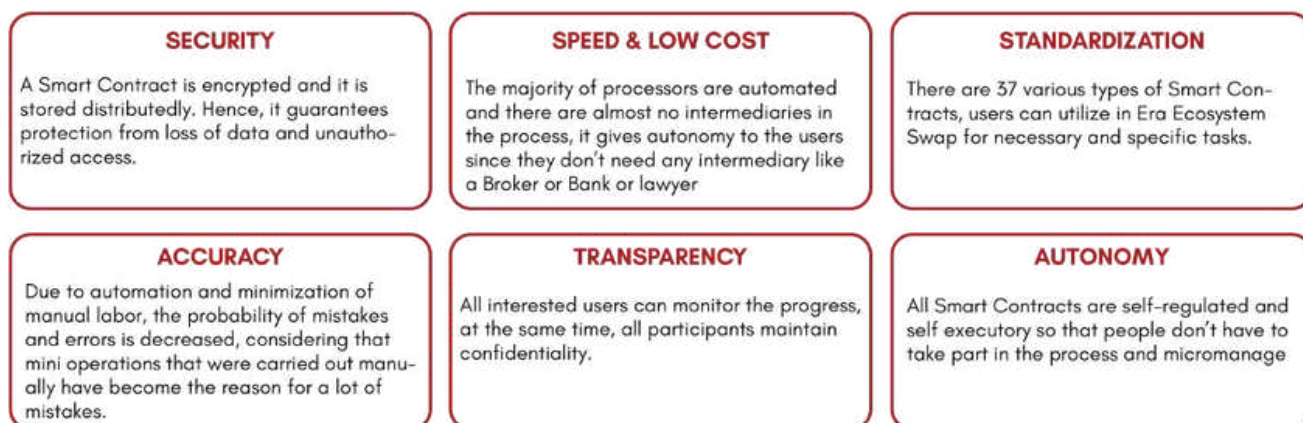
COMPARISON OF ERA SWAP DAO WITH CORPORATION & COOPERATIVE ORGANIZATION

	Corporation	Cooperative	DAO 
Management	Board of Directors	Board of Members	PoS Validators
Ownership	Shareholders	Members	Timeally Stakers
Supervision	Supervisory board	Supervisory board Team	Blokcee
Workforce	Employees	Members	Contractors



Smart Contracts are code segments residing on the blockchain. They trigger predefined actions when specific conditions are met. Since they're stored on every computer within the peer-to-peer (P2P) network, their outcomes are trustworthy and accurate.

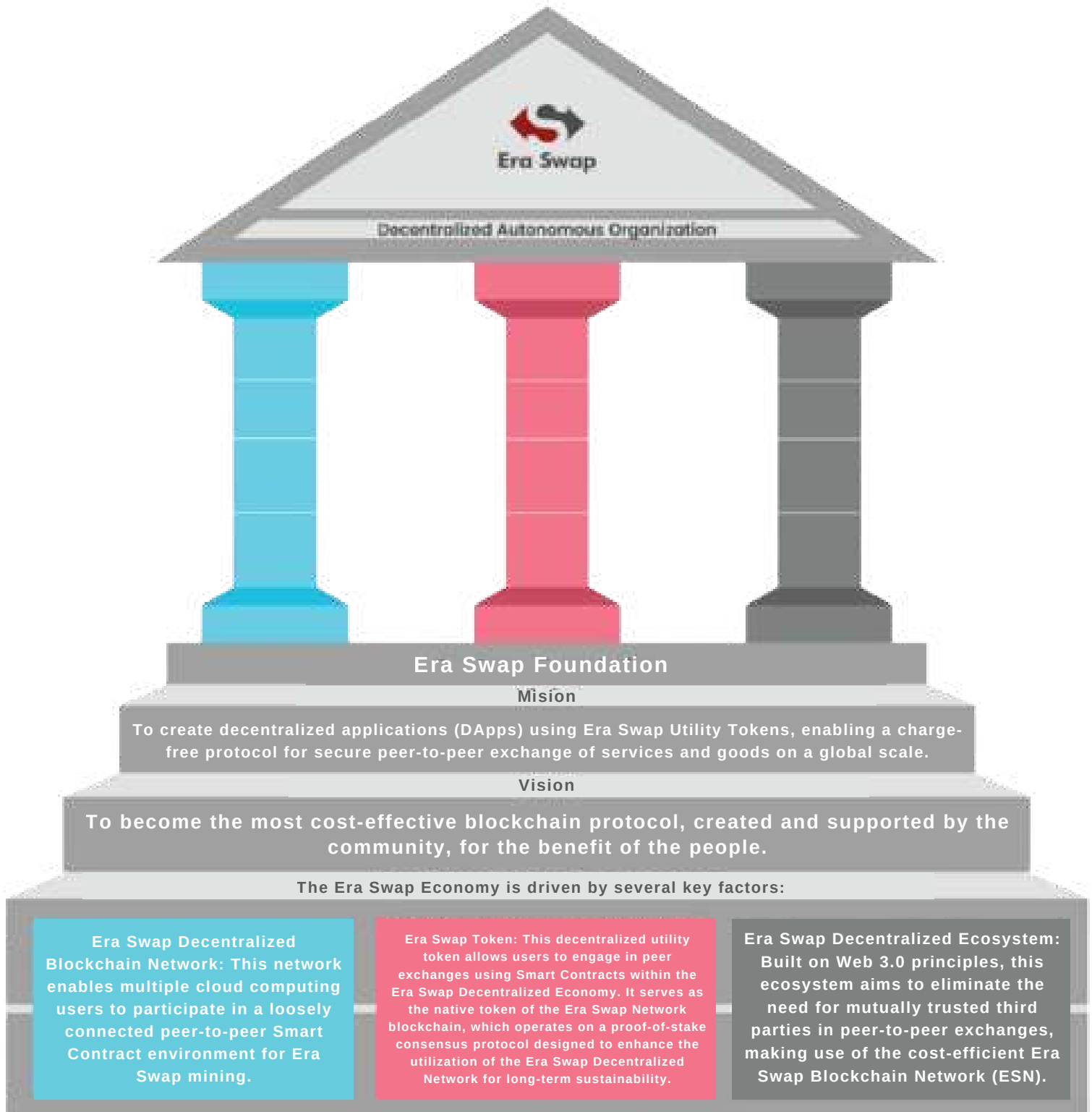
BENEFITS OF SMART CONTRACT



Web 3.0 denotes the third phase of the internet, characterized by decentralized device networks rather than relying on server-based databases. It offers advantages like safeguarding against monopolies, enhancing privacy, ensuring network security, empowering data ownership, promoting interoperability, guaranteeing uninterrupted services, enabling permissionless blockchain access, facilitating the Semantic Web, and achieving widespread presence.



ERA SWAP KEY DRIVERS

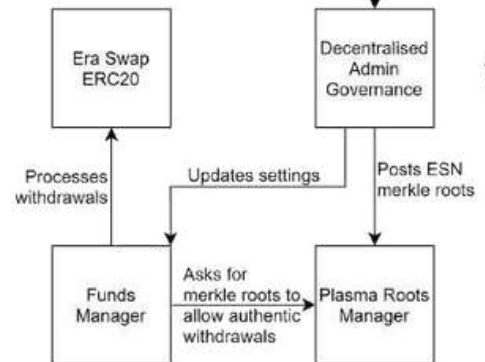




ERA SWAP DECENTRALIZED AUTONOMOUS ORGANIZATION (DAO) ARCHITECTURE

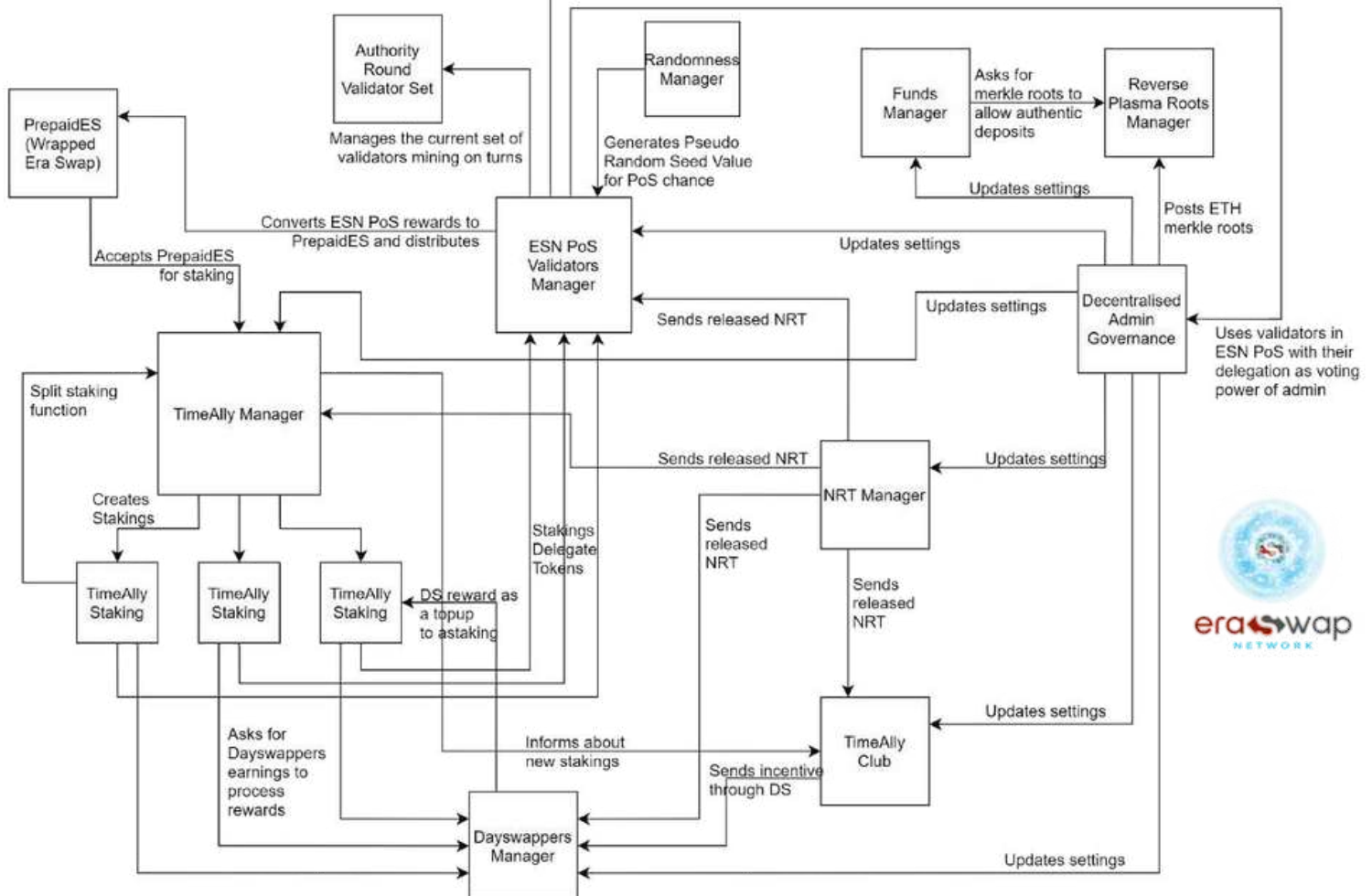


Updates Validators
addresses and their
corresponding
governance power to
ETH governance
contract



ETH blockchain above

ESN blockchain below





ERA SWAP NETWORK

Multiple Users and Smart Contracts: ESN allows multiple cloud computing users to participate in a loosely coupled peer-to-peer smart contract system for mining Era Swap tokens.

PoS-Based Side-Blockchain: ESN is a proof-of-stake (PoS)-based side-chain that operates on top of the Ethereum blockchain. It utilizes the Plasma framework to facilitate faster transaction processing and reduce transaction costs.

Scalability and Low-Cost Transactions: The primary goal of ESN is to achieve scalability, high-speed transaction processing, and lower transaction costs for the Era Swap Decentralized Ecosystem. It aims to provide an alternative blockchain solution that doesn't compromise on trustless security.

Leveraging Ethereum's Security: ESN leverages the decentralized security features of the Ethereum blockchain while achieving scalability through the use of a side-chain. It claims to support 500 transactions every 5 seconds, offering a 98% reduction in costs compared to the Ethereum blockchain.

01

02

03

04





ESN ABSTRACT

In the Era Swap Ecosystem, the initial smart contracts like TimeAlly, Newly Released Tokens (NRT), Assurance, BetDeEx, and CertiDapp are deployed on the Ethereum mainnet. These contracts primarily focus on decentralized finance (DeFi), facilitating Era Swap token exchanges in a peer-to-peer manner. This setup is analogous to paying withdrawal fees at a bank or taxes when purchasing items.

However, these fees are in Ether (ETH), necessitating both Era Swap tokens and ETH to access various Era Swap Ecosystem DApps. This dual-currency requirement complicates the user experience, particularly for newcomers. Additionally, non-token actions like nominating, voting, etc., also entail substantial gas fees, further deterring users from non-financial DApps in comparison to their centralized counterparts.

As the Era Swap Ecosystem expands with additional platforms, more scenarios necessitate non-financial transactions like updates, messaging, dispute resolution, etc. Paying significantly for such actions in a different currency each time, waiting for transactions to be included in blocks, and then for multiple block confirmations due to potential chain reorganizations contrasts with the intuitive and cost-free solutions offered by platforms like Facebook and Gmail. This becomes a key barrier preventing the widespread adoption of Web 3.0 technologies.

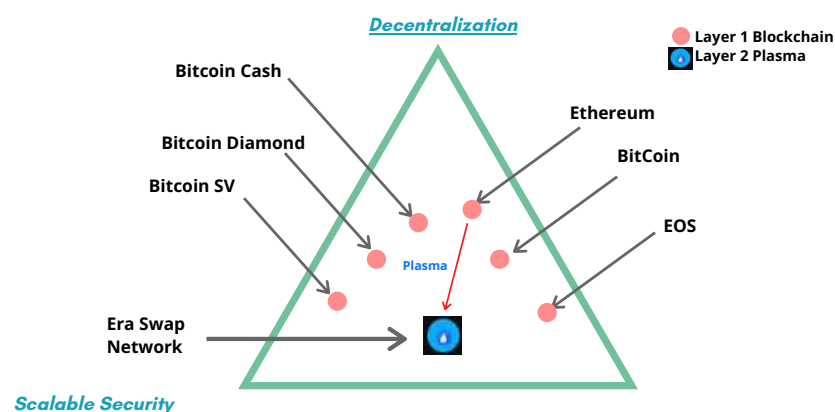
While other smart contract platforms exist as alternatives to Ethereum, some propose separate blockchains to achieve higher transaction speeds at the cost of decentralization. However, Ethereum remains at the forefront of ecosystem tool development due to its extensive developer community. Era Swap Network (ESN) aims to address these challenges by delivering scalability, speed, and cost-efficiency to the Era Swap Ecosystem – features currently unattainable on the Ethereum mainnet. This is achieved without significantly compromising the trustless asset security of Era Swap (ES) for the community users.

INTRODUCTION TO ERA SWAP NETWORK



Era Swap Network (ESN) addresses the challenges outlined in the ESN Abstract by constructing a side blockchain utilizing the Plasma Framework, based on a Proof of Stake Consensus Protocol (PoS CP), atop the Ethereum blockchain. Era Swap Network capitalizes on Ethereum's decentralization and security, coupled with the scalability achieved through the side-chain approach. This effectively resolves the decentralized blockchain trilemma faced by Era Swap Ecosystem. At present, Ethereum can manage approximately 15 to 20 transactions per second, accommodating the operations of all deployed smart contracts, including Era Swap DApps. However, in the Era Swap Network's Testnet, a remarkable 500 transactions could occur within every 5-second interval, at a significantly lower cost (98% reduction) compared to the Ethereum Blockchain at its peak capacity. This expanded transaction capacity, exceeding 10 million transactions per day, is highly advantageous for Era Swap Ecosystem and its users. Future scalability can be pursued through sharding whenever the Ecosystem requires more throughput.

Era Swap Network functions via clusters of blocks containing Era Swap Ecosystem transactions. Miners within ESN generate blocks, and these blocks are assembled into a merkle tree. The root of this merkle tree is then submitted to the ESN Plasma Smart Contract on the Ethereum mainnet. This mechanism ensures that all transactions within the Era Swap Network are anchored to the Ethereum chain. ESN's operation involves miners consecutively mining all the blocks within a cluster, subsequently committing the root of the cluster to the Era Swap Mainnet. The ESN Chain ID is 5197, providing a traceable link to the network. ESN's architecture integrates a scalable security layer on Layer 1 Blockchain, augmented by Layer 2 Plasma technology, thereby combining the benefits of both for a robust and efficient ecosystem. For further verification: ESN Chain ID: 5197 - <https://chainlist.org/> | <https://chainid.network/>



A miner mines all the blocks in a bunch consequently and will commit the bunch-root to the

Era Swap Mainnet

ESN Chain ID: 5197 - <https://chainlist.org/> | <https://chainid.network/>

DEVELOPMENT PHASES OF ERA SWAP NETWORK (ESN)



The Era Swap Network (ESN) development unfolds in several key phases, aiming to enhance scalability, decentralization, and cost-efficiency while maintaining security and trustlessness. Here's an overview of these phases:

1. Alpha Release with Proof-of-Authority (PoA) Consensus: The initial phase involves launching an Alpha version of the ESN test-net using a Proof-of-Authority (PoA) consensus mechanism. Internal developers focus on crafting smart contracts for the Era Swap Ecosystem. This implementation utilizes Plasma technology to ensure security and irreversible transactions.

2. Transition to Proof-of-Stake (PoS): The network's evolution targets a more decentralized consensus algorithm, such as Proof-of-Stake (PoS). This shift enhances the network's resilience, allowing any Era Swap user worldwide to sustain the ecosystem by running software on their system. This fosters greater decentralization, reducing reliance on a single chain operator. Upon achieving this PoS-based implementation, Era Swap plans to release a beta version for community testing on the Kovan ERC20 Era Swaps.

3. Decentralization and Security Synergy: The Era Swap Network leverages Ethereum's security and decentralization while enhancing scalability through its side-chain structure. Unlike conventional blockchains where blocks consist of transactions mined by a single miner, ESN employs "Bunches of Blocks" for efficiency. A miner consecutively mines blocks within a bunch and commits the bunch-root to the ESN Plasma Smart Contract on the Ethereum mainnet.

4. ESN Operations and Benefits: The primary goal of Era Swap's blockchain is to provide scalability, speed, and cost-effectiveness to the Era Swap Ecosystem, which is challenging on the Ethereum mainnet. ESN demonstrates its capability on the testnet by achieving 500 transactions every 5 seconds, significantly lowering costs by 98%. This network architecture is built atop Ethereum's Plasma Framework.

5. TimeAlly 1 Life Time Staking and Node Delegation: ESN introduces the concept of TimeAlly 1 Life Time Staking (TA ILT) for block mining participation. Users can stake their Era Swaps to mine blocks on ESN. To prevent centralization, stakers can delegate their stakes to trusted node runners who, in turn, mine blocks. The node runners share the resulting profits with delegators through a Smart Contract. The top 100 nodes with the highest staking levels are eligible for block mining.

6. Validator Node Architecture: The Validator Node comprises two key components: Blokcee and Kami. Blokcee is responsible for verifying and mining new blocks, whereas Kami oversees the Ethereum-Era Swap Network bridge. Kami ensures Blokcee's proper functionality and guards against potential attacks. In case of a detected attack, Kami activates its guardian mode, initiating countermeasures to thwart the threat.

In summary, the Era Swap Network (ESN) undergoes a phased development process, starting with an Alpha release using PoA consensus and eventually transitioning to a PoS-based system for enhanced decentralization. ESN's architecture leverages Ethereum's strengths while solving scalability issues through a unique bunch-based block approach. TimeAlly 1 Life Time Staking and Validator Node components further contribute to the network's stability, security, and decentralized operation.



Enhancing User Convenience with Era Swap Network (ESN): Era Swap Network (ESN) brings a significant improvement in user convenience, offering seamless token transfers, transactions, and reduced costs. The transition from Ethereum's gas-intensive environment to ESN's user-friendly ecosystem is designed to provide a smoother experience for Era Swap users.

Merkle Swap Portal for Token Migration: Existing Era Swap users can migrate their ES ERC20 tokens from Ethereum's mainnet to Era Swap Network's PoS-secured blockchain through a user-friendly Merkle swap portal. This process ensures a hassle-free transition of tokens, enabling users to benefit from ESN's improved features without any technical complexities.

Instantly Confirmed Transactions with ES Tokens: Once users have their ES tokens on Era Swap Network, they can enjoy the advantage of instantly confirmed transactions. Unlike the delays often experienced on the Ethereum mainnet, ESN's architecture allows for quicker confirmation times, enhancing the overall transactional efficiency.

Paying Gas Fees in ES Tokens: One of the standout features of Era Swap Network is the ability for users to pay gas fees in ES tokens themselves. This feature eliminates the need for users to acquire and use ETH solely for gas fees. By paying gas fees in ES tokens, users can conveniently engage in transactions without the friction of having to manage multiple cryptocurrencies.

Flexibility of Token Usage: ESN empowers users to seamlessly move their ES tokens between ESN and Ethereum's mainnet. Users can choose to take their tokens back to the ERC20 format, enabling them to utilize ES tokens on other DApps within the Ethereum ecosystem. However, it's important to note that transactions on Ethereum might still involve ETH gas fees and potential delays.

ESN OVERVIEW DIAGRAM

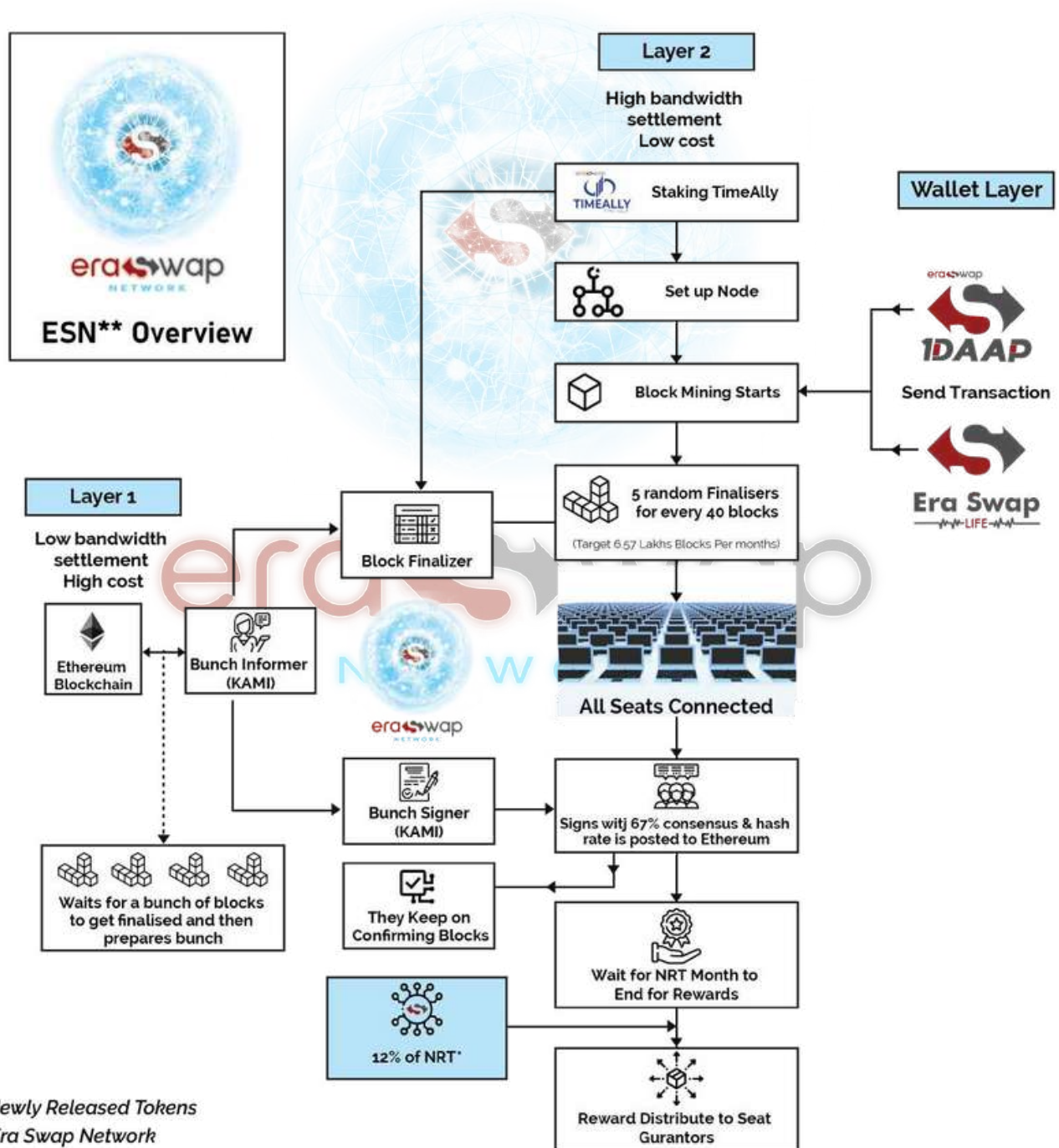


For a visual representation of Era Swap Network's features and benefits, refer to the ESN Overview.

Diagram available in the provided demo video link:

https://www.youtube.com/watch?v=6P7r2bGn_kE

In conclusion, Era Swap Network's launch introduces a user-centric approach by offering token migration, faster transactions, and the convenience of paying gas fees in ES tokens. This advancement aligns with Era Swap's commitment to enhancing user experience and usability within the Era Swap Ecosystem.





Era Swap Network (ESN) is designed as an Ethereum Virtual Machine (EVM)-compatible sidechain closely integrated with the Ethereum blockchain. It utilizes the Plasma Framework to address challenges like high transaction fees and confirmation times on the Ethereum mainnet. Here's an overview of ESN's key technical features:

Plasma Framework Integration: ESN leverages the Plasma Framework to perform most of its ecosystem transactions off-chain. Instead of directly posting numerous transactions to the Ethereum mainnet, only a concise piece of information, representing a hash of multiple ecosystem transactions, is posted to an Ethereum Smart Contract. This approach significantly reduces transaction fees and confirmation times on the Ethereum mainnet.

Era Swap Token Movement: To enable the secure movement of Era Swap Tokens from the Ethereum blockchain to ESN, a cryptographic proof mechanism is implemented. Additionally, a reverse posting of Ethereum blocks on the ESN blockchain is employed, ensuring a seamless and secure token transition.

Block Hash Submission and Cost Efficiency: ESN maintains its block time to be equal to or greater than Ethereum's 15-second block time. To manage the costs associated with submitting hashes to an Ethereum Smart Contract, the merkle root of hashes from a group of blocks is submitted to the ESN Plasma Smart Contract on Ethereum. This approach minimizes the expense and complexity of posting numerous individual hashes.

Validator Nodes and Consensus: Validator nodes in the Era Swap Network play a pivotal role in creating blocks using a Proof-of-Stake (PoS) consensus protocol. These nodes collaborate with a guardian component called Blokcee, responsible for safeguarding the connection between Era Swap Network and Ethereum Network.

Limited Validator Node Count: Era Swap Network enforces a strict limit of 100 validator nodes. These nodes are responsible for ensuring the security, integrity, and consensus of the network.

TimeAlly 1 Life Time Staking and Delegation: The TimeAlly 1 Life Time staking mechanism allows stakers to claim PoS seats for themselves or others. This introduces the possibility of stakers delegating their staking power to a trusted node. Multiple staked seats increase in cost over time and based on specific conditions.

In summary, Era Swap Network's technical architecture integrates Plasma Framework to optimize transaction fees and confirmation times. The secure movement of Era Swap Tokens is achieved through cryptographic proofs and reverse posting of blocks. Validator nodes and the guardian Blokcee ensure the network's integrity, and the TimeAlly 1 Life Time staking system introduces flexibility in PoS seat claiming and delegation.



ESN Snapshot	Block Finalizer
Impact	Mines Blocks on ESN
Reward name	Block Finalizer Reward
Participate 24*7 Consensus	Yes
Selection	1) Randomly 5 seats Online shall be selected for 40 blocks 2) Count no. of nodes participating in 66% consensus
Eligibility with minimum ES Stakes	Minimum of 170000 ES Staking required, Additional staking shall be adjusted Quadratically Calculated as per Quadratic Table. Staking Delegation can be achieved from multiple delegators, Top 100 nodes shall only be eligible for mining Refer ESN White Paper.
Prerequisite	Server cost
Reward as per Performance	Count of Blocks finalized
Reward Distribution of 12% per annum of current NRT	Individual Blocks Mined/ Total Blocks Mined
Market Variance	Server cost
Participation Criteria for rewards	Seats in the Top 100 Nodes
Non-compliance	1) Went offline while producing block 2) When 2 different blocks with the same block no. are submitted by same server wallet.
Penalty Impact for Non-compliance	1) 30000 ES Stakes shall be burned 2) 70000 ES burn stakes and suspension till next NRT Month 3) Maximum Exception of 3 hours offline
Approver	ESN Nodes Consensus Protocol
Server Capacity	AWS EC2 T2 Medium / Large, RAM 25GB minimum
Maximum no. of Nodes	100
Total Reward of NRT per Month (12%)	9.4993%Block Finalizer Reward
Total Reward Per Month (ES)	5831075.25
Total Reward Per Year (ES)	69972903.00
Build Consensus (ESN 1 Block 4 Seconds)	Nodes are being rolled, using cryptography 5 seats are being selected randomly for every 40 blocks
Network Fee	100%
External Dependence	Open Internet Connection
Internal Dependancy	Rust, Node JS, System Testing, Virus Free System
Hardware Specification (Minimum Requirement)	4GB RAM, i3 Processor, 30 GB free Space



HIGH-LEVEL ACTORS IN ERA SWAP NETWORK (ESN)

- 1. TimeAlly 1 Life Time Stakers:** Users who have staked Era Swap Tokens in the TimeAlly 1 Life Time (TA 1LT) contract. These stakers can claim Proof-of-Stake (PoS) seats, which grant them the status of validators or the ability to delegate their seats to others. PoS seats play a crucial role in becoming validators and participating in block production.
- 2. Validator Nodes:** Individuals or entities responsible for running validator nodes within Era Swap Network. To earn rewards and actively contribute to the network, at least one PoS seat is required, which can be claimed by TimeAlly 1LT stakers. Validator nodes consist of an ESN Node and Blokcee components, which contribute to block validation and network security.
- 3. Era Swap Users:** Individuals who engage with Era Swap Network by utilizing Decentralized Applications (DApps) within the Era Swap Ecosystem. These users interact with the network through web browsers or mobile apps.

Low-Level Actors in Era Swap Network (ESN)

- 1. Blokcee:** Blokcee functions as the block validator within Era Swap Network. It operates as an EVM-compatible node and achieves consensus through PoS Smart Contracts. Node operators aiming to propose blocks must stake tokens through TimeAlly and claim PoS seats. During each slab of 40 blocks, 5 seats are chosen pseudo-randomly, and the holders of these seats take turns proposing blocks. If a node fails to propose a block within the allocated time, the next seat in line gets the opportunity. Penalties are imposed for network splits and double block proposals. Block proposers receive rewards for their proposed blocks, which can be claimed as actual Era Swap tokens in the following month's New Reward Tokens (NRT) release.
- 2. Kami – The Guardian of ESN:** Kami serves as the guardian of Era Swap Network, responsible for maintaining its security and proper functioning. Key responsibilities include:
 - Merkle Root Posting:** Kami posts merkle roots from Ethereum to ESN, updating them to account for Ethereum's Proof-of-Work-based reorganizations.
 - Consensus Maintenance:** Kami helps maintain consensus within ESN. In cases of malicious behavior by specific validator nodes, Kamis detect issues and work to suspend the malicious seats with consensus from other Kamis.
 - Attack Prevention:** Kamis are vigilant against attacks and take action to prevent them. They respond to various types of attacks, such as transaction spamming or theft attempts. In the event of an attack, Kamis can make decisions to protect the network, such as rolling back the blockchain to a clean state.
 - Remote Control Access:** Kamis provide remote control access to node owners, allowing them to manage their nodes via mobile phones. Authentication is carried out using Elliptic Curve Cryptography.

In summary, Era Swap Network involves both high-level actors, such as TimeAlly 1LT stakers, validator nodes, and Era Swap users, and low-level actors, including Blokcee (the block validator) and Kami (the network guardian). Together, these actors play crucial roles in maintaining the integrity, security, and operation of Era Swap Network



To address the potential centralization arising from disproportionately large stakings within a single node, Era Swap Network employs a quadratic adjustment mechanism. This approach adjusts stakings based on a quadratic formula, introducing fairness and balance to the distribution of PoS seats. Here's an explanation of the quadratic formula and methodology: **Adjusted staking = Total staked - Adjustment**

Quadratic Formula: The adjusted staking for each node is calculated using the quadratic formula:

Adjusted Staking: Total Staked - Adjustment Quadratic Methodology Summary:

1. G = Initial Staking: This refers to the total amount staked by a node.

2. L = Rounded-Up Quotient: L is calculated by dividing the Initial Staking (G) by a predefined value of 170,000. The result is then rounded up by one unit (to address cases where G is not exactly divisible by 170,000).

3. Calculation of L:

- If $G \% 170,000$ equals 0, $L = (G / 170,000) - 1$
- If $G \% 170,000$ is not equal to 0, $L = \text{Quotient}(G / 170,000)$

4. Quadratic Formula: The quadratic formula involves two components:

- The first component: $0.001 * L * (170,000 * (L - 1)) / 2$
- The second component: $0.001 * L * (G - (170,000 * L))$

5. Maximum Adjustment Limit: The quadratic adjustment mechanism ensures fairness by limiting the maximum adjustment that can occur. The maximum adjustment is set at up to 2.5% of the staking amount.

Quadratic Methodology Summary			
Amount of Staking	Adjustment Applied	Final Adjusted Amount (Amount of staking subtracted by adjustment applied)	Premium %
170000.000	0	170000.000	0.00%
200000.000	30	199970.000	0.02%
300000.000	130	299870.000	0.04%
340000.000	170	339830.000	0.05%
500000.000	490	499510.000	0.10%
1000000.000	2450	997550.000	0.25%
1500000.000	5880	1494120.000	0.39%
2000000.000	10780	1989220.000	0.54%
2500000.000	17150	2482850.000	0.69%
3000000.000	24990	2975010.000	0.83%
4000000.000	45080	3954920.000	1.13%
5000000.000	71050	4928950.000	1.42%
6000000.000	102900	5897100.000	1.72%
7000000.000	140630	6859370.000	2.01%
8000000.000	184240	7815760.000	2.30%
8500000.000	208250	8291750.000	2.45%
9000000.000	225000	8775000.000	2.50%
10000000.000	250000	9750000.000	2.50%
12500000.000	312500	12187500.000	2.50%
15000000.000	375000	14625000.000	2.50%
20000000.000	500000	19500000.000	2.50%
30000000.000	750000	29250000.000	2.50%
50000000.000	1250000	48750000.000	2.50%
100000000.000	2500000	97500000.000	2.50%

Explanation: The quadratic adjustment mechanism aims to counter the potential for nodes with significantly higher staking amounts to dominate the network, leading to centralization. By implementing a quadratic adjustment, Era Swap Network seeks to achieve a more balanced distribution of staking power.

The formula calculates the adjusted staking for each node based on the total staked amount and a quadratic adjustment term. This adjustment reduces the staking power of nodes with disproportionately high stakes, thereby promoting a more even distribution of PoS seats among nodes. The quadratic nature of the formula ensures that the adjustment becomes more substantial as the staking amount increases, helping prevent excessive centralization.

In conclusion, Era Swap Network's quadratic adjustment mechanism addresses centralization concerns by adjusting stakings using a quadratic formula. This approach promotes a fair and balanced distribution of PoS seats among nodes and contributes to the network's overall decentralization.



Validator Nodes and Rewards:

- Validator nodes create blocks; need at least one PoS seat (from TimeAlly staking) to be a validator.
- Validator nodes also post hashes to Ethereum Network containing ESN and Blokcee.

Bunch Structure:

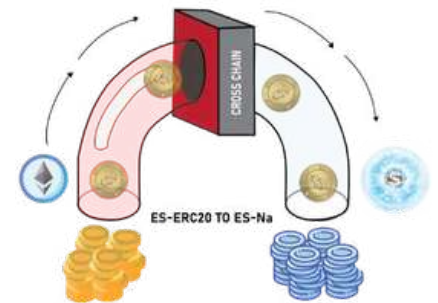
- Bunches on ESN Plasma Contract hold blocks.
- Include Start Block, Bunch Depth, Transaction and Receipt Mega Roots, Last Block Hash.

ES-ERC20 to ES-Na Conversion:

1. User sends tokens to Deposit Smart Contract.
2. Computer generates cryptographic proof confirming deposit.
3. Proof sent to ESN Smart Contract for ES-Na tokens (3-minute wait).

ES-Na to ES-ERC20 Conversion:

1. User sends ES-Na to ESN deposit contract.
2. Computer generates proof with block inclusion.
3. Proof sent to ESN Smart Contract for ES-ERC20 conversion.



ES-Na and ES-ERC20:

- ES-Na is a first-class cryptotoken on ESN for better user experience.
- Maximum 9.1 billion ES gradually released; exchangeable with ES-ERC20 at 1:1 ratio.

Merkle Swap:

- Facilitates swapping ES ERC20 to ES-Na.
- Lets Era Swap community move tokens between Ethereum and Era Swap Blockchain.

For detailed steps, refer to Merkle Swap and the Demo Video.

https://www.youtube.com/watch?v=6P7r2bGn_kE

1. Users generate proof and submit it to an ESN Smart Contract, receiving Era Swap Native tokens after about 3 minutes of waiting for Ethereum block roots.
2. Users wait for a bunch to be posted on the Ethereum Plasma Contract by others or pay a fee to do it themselves.
3. Once the bunch is posted, users send proof to the Plasma Smart Contract, obtaining ES-ERC20 tokens.
4. Old ES Tokens become worthless on ESN; KYC-approved holders receive new ES tokens via the KYC DApp or previous platforms.
5. Existing TimeAlly Stake holders get TimeAlly 1 LT Smart Contract on Era Swap Network.
6. With the Era Swap Network launch, users can use a merkle swap portal to move tokens between ESN and Ethereum, paying gas in ES and enjoying faster transactions. They can also convert back to ERC20 for other DApps, where gas is paid in ETH and transactions take longer.



1. User sends ES-Na to ESN deposit contract.

2. Cryptographic proof is automatically generated by the user's computer. Transaction Patricia Merkle Proof, as ES-Na is a first-class cryptotoken on ESN, confirms the transaction's inclusion. The block inclusion proof in the bunch is also generated.

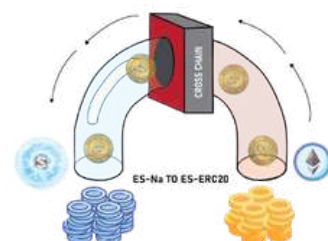
3. User submits the proof to an ESN Smart Contract, initiating the transfer of Era Swap Native tokens to the user's wallet. A wait of about 3 minutes is needed for Ethereum block roots to be posted on ESN and confirmations.

4. User waits for the bunch to be posted on the Ethereum Plasma Contract, either by someone else or by paying a gas fee to post it themselves.

5. Once the bunch, including the user's ESN transaction, is on the Plasma Contract on Ethereum, the user can send the proof to the Plasma Smart Contract to receive ES-ERC20 tokens.

Transition of Tokens and Benefits:

- Old ES Tokens lose value as they're not accepted on ESN.
- KYC-approved ES holders get new ES tokens. KYC on KYC DApp or previous platforms.
- Existing TimeAlly Stake holders receive TimeAlly 1 LT Smart Contract on Era Swap Network.
- Era Swap Network launch facilitates moving ES ERC20 tokens to ESN PoS secured blockchain via a user-friendly merkle swap portal.
- Users enjoy instant confirmed transactions, pay gas in ES on ESN, and can move tokens back to ERC20 for other Ethereum applications. Note: Gas in ETH might be required for transactions on other DApps, leading to longer confirmation times.



era swap
NETWORK



Invalid Transaction by Validator: If a Validator adds an invalid transaction, ESN rejects it, giving the next Validator a chance, preventing rewards loss.

Double Spend Attempt: Network detects double spend by malicious Validator, shares proof, and burns their stakes.

Validator Prediction Prevented: Validators' selection randomness thwarts prediction attempts.

Validators Refusing Blocks: Non-compliant validators trigger a consensus-driven fork, slashing their stakes.

Transaction Spam DOS: Blokcees increase gas limits to deter spam; owners can adjust limits.

Request Spam on Blokcee: Blokcees deny anonymous requests, demand signatures against unusual load.

Missing Validators: Blokcees wait; if absent validators don't return, complex fork and stake slashing occur. An attendance system prevents this.

ESMETER (EM) & MOUNCE (M)

Smallest unit of Era Swap (ES) is Mounce (M)

1 ES = 10⁹ EM 1 ES = 10¹⁸ M 1 EM = 10⁻⁹ ES 1 EM = 10⁹ M

Unit	ERA SWAP (ES)	ES METER (EM)	Mounce (M)
1 ES	1	10 ⁹	10 ¹⁸
1 MillIES	10 ⁻³	10 ⁶	10 ¹⁵
1 MicroES	10 ⁻⁶	10 ³	10 ¹²
1 ESMeter (EM)	10 ⁻⁹	1	10 ⁹
1 PicoES	10 ⁻¹²	10 ⁻³	10 ⁶
1 FemtoES	10 ⁻¹⁵	10 ⁻⁶	10 ³
1 ExaES (M)	10 ⁻¹⁸	10 ⁻⁹	1



Future Scope:

- Original plans for ESN developed since August 2019, evolving to address shortcomings.
- For more details, refer to the Era Swap Network Whitepaper.

http://eraswaptoken.io/pdf/ESN_Whitepaper.pdf

Sharding

- As ESN reaches capacity, additional blockchains (shards) will be deployed to increase capacity.
- Cross-blockchain transactions achieved by posting shard merkle roots to all other shards.
- Shards increase transaction speed. More shards mean more nodes ensuring security.
- Sharding initiated when ESN attracts many users and transactions peak.

Messaging Protocol:

- Blokcees and Era Swap Users can communicate.
- Blokcees can relay messages, allowing participating nodes to generate more funds.

ESN Conclusion:



- ESN is an EVM-compatible sidechain linked to Ethereum via Plasma Framework.
- Off-chain Era Swap Ecosystem transactions processed, with only bunch hashes posted to Ethereum.
- Reduces high network fees and confirmation times for Ecosystem DApps.
- Enhances user experience with tailored blockchain and secure Plasma Framework.
- Scales Era Swap Ecosystem DApps for growing user numbers.



ESN is open to public use, inviting risks of exploitation. Whitepaper outlines safety measures. Changes to roadmap are expected during development, as Era Swap may identify new concerns or opt for core system adjustments.

1. ESN Blockchain Setup:

- Build ESN blockchain using Parity.

2. Merkle Roots Posting:

- Develop data structure for posting Merkle roots to Ethereum smart contracts.

3. Transaction Verification:

- Create logic for transaction and receipt verification from a mega Merkle root.
- Implement and test transaction verification.

4. Bunch Verification:

- Develop logic for Bunch Verification using multiple signatures.
- Implement Dummy Bunch Verification (centralized) and conduct testing.

5. Kami Functionality:

- Implement basic Kami that seeks signatures, submits Bunches.
- Enable Kami to post Ethereum blocks to ESN.

6. Cross-Blockchain Token Transfer:

- Design logic for transferring ES tokens across chains.
- Develop contracts for cross-blockchain ES transfer and carry out testing.
- Create basic UI for token transfer between blockchains.

7. Cross-Blockchain Data Transfer:

- Construct logic for transferring data between chains.
- Implement Information Transfer and perform testing.
- Add Kami capability to start/stop Parity Ethereum.

8. Node Validators Pool:

- Create logic for basic delegation of stakings to nodes with a dummy TimeAlly contract.
- Develop Node Validator Seats Allocation Smart Contract and carry out testing.

9. Pseudo Random Numbers:

- Design logic for Pseudo Random Numbers Contract.
- Implement Pseudo Random Number Contract and conduct testing.

10. Block Producer Selector:

- Develop logic for Block Producer Selector Smart Contract.
- Implement Block Producer Selector Smart Contract.

11. Block Reward System:

- Construct logic for Block Reward Contract.
- Implement Block Reward Contract and perform testing.

12. Bunch Verification Finalization:

- Finalize and implement Bunch Verification.
- Conduct comprehensive testing with validators.

Please note that this roadmap outlines the planned steps for Era Swap Network (ESN) development and deployment. Changes, adjustments, and updates may occur to ensure the security, functionality, and efficiency of the network as it evolves.





Considering ESN's public nature, the risk of exploitation is acknowledged. Existing checks are outlined in the whitepaper, with room for further additions during development. Era Swap might also opt to modify core systems for enhanced security. Roadmap alterations are anticipated.

Infrastructure Development:

• ESN Blockchain Setup:

- Develop ESN blockchain using Parity.

• Merkle Roots Posting:

- Design data structure for posting Merkle roots to Ethereum smart contracts.

• Transaction Verification:

- Create logic for verifying transactions and receipts from mega Merkle roots.
- Test and implement transaction verification mechanisms.

• Bunch Verification:

- Develop Bunch Verification logic involving multiple signatures.
- Implement and test Dummy Bunch Verification (centralized).

• Kami Functionality:

- Introduce a basic Kami with signature collection and Bunch submission capabilities.
- Enable Kami to post Ethereum blocks on ESN.

• Cross-Blockchain Token Transfer:

- Design logic for transferring ES tokens across chains.
- Create, test, and implement contracts for cross-blockchain ES transfers.
- Develop user-friendly UI for cross-chain token transfers.

• Cross-Blockchain Data Transfer:

- Construct logic for inter-chain data transfer.
- Implement Data Transfer functionality and validate.

Smart Contract Development:

• Node Validators Pool:

- Establish logic for basic delegation of staking using a dummy TimeAlly contract.
- Develop and test Node Validator Seats Allocation Smart Contract.

• Pseudo Random Numbers:

- Design logic for Pseudo Random Numbers Contract.
- Implement and validate Pseudo Random Number Contract.

• Block Producer Selector:

- Formulate logic for Block Producer Selector Smart Contract.
- Implement Block Producer Selector Smart Contract.

• Block Reward System:

- Develop logic for Block Reward Contract.
- Test and implement Block Reward Contract functionality.

• Security Measures and Features:

- Upgradable Smart Contracts framework design with initial admin control.
- Plan NRT Smart Contract Architecture.
- Implement and test NRT Smart Contract.
- Replace dummy TimeAlly with real TimeAlly contract.
- Implement Guarantor Function for seat delegation.
- Implement Guarantor Stakes burn and rewards delivery.





User Experience and Functionality:

• Enhancements and Additions:

- Add restake method in TimeAlly and PoS Validator Manager contract.
- Implement Day Swappers Contract Tree Referral and Rewards distribution.
- Develop ESN Nodes Monitor Framework for real-time node activity monitoring.

Further Development:

• Advanced ESN Monitor Framework:

- Monitor and analyze more aspects, send alerts for malicious activity.

• Upgradable Contract Mechanism:

- Implement EIP 1822 to enable upgradable contracts.

• ESN Testnet Alpha Release:

- Prepare well-documented deployment guide for clarity.

• Merkle Swap:

- Develop user-friendly UI and enhance UX for token transfers across chains.

• Kami Consensus and Control:

- Implement various aspects of Kami Consensus, including checkpoint commitment, rate calculation, remote control, and gas price limit adjustments.

• Security and Emergency Measures:

- Implement attack resistance, Handover Failure Handling, Emergency Fork, and other security measures.

• ESN Mainnet Alpha Release:

- Launch ESN Mainnet in alpha phase.

This roadmap outlines Era Swap Network (ESN) development steps. Adjustments are expected as the project advances to ensure security, functionality, and optimal user experience.



What is Era Swap Network (ESN)? ESN is a PoS-based side-chain on Ethereum using Plasma Framework for scalability, speed, and low-cost transactions.

Benefits of ESN: ESN offers scalability, speed, and lower costs compared to Ethereum, providing trustless security and up to 500 transactions in 5 seconds on its testnet.

Core Strength of ESN: ESN's strength lies in its PoS Consensus Protocol via TimeAlly 1LT Smart Contract staking and Node Validators, ensuring network reliability.

Participation in ESN: Anyone can participate in ESN to accumulate ES tokens and secure the network's future.

Motivation for Stakers: Stakers' motivation should be network security, not profit. Failure to stake may devalue Era Swap.

How to Participate in ESN PoS CP: New users can stake Era Swap in TimeAlly's 1LT Smart Contract. Existing users can sign an accord Signature on Era Swap KYC DApp for ESN PoS CP via TimeAlly 1LT Staking.

Success of ESN: ESN's success depends on community efforts, offering liquidity and rewards generation independently.

Incentives Security in ESN: Stakers' incentives are secured through TimeAlly 1LT Smart Contract staking, with rewards distributed via smart contracts.

ESN PoS Protection Against Inflation: ESN's token distribution is designed to combat inflation and empower new ES ecosystem participants. Stakers receive TimeAlly 1LT Staking Rewards.

PoS for ESN Security: Proof of Stake (PoS) ensures Era Swap Network security through staking and participation.

Risk in TimeAlly: TimeAlly holders risk losing 1LT and miner rewards without staking ES. Extend 1LT stakes every 11 months for rewards; non-extended stakes are burnt and unrecoverable.





Exiting Active TimeAlly 1LT:

Loan without 30-day repayment.
Non-extension within 11 months.
Choose to destroy staking for IssTime Limit.

ESN Rewards Distribution: ESN PoS CP Stakers earn rewards, distributed via smart contracts to TimeAlly 1LT holders.

Monthly ESN Rewards Distribution: Blokcees send ESN TimeAlly 1LT rewards to Era Swap Network's distribution wallet, allocated to TimeAlly 1LT holders.

Utilization of Rewards: Participants control and utilize their rewards in Era Swap Network, with decentralized allocation based on effort and eligibility.

ESN PoS CP and TimeAlly 1LT Staking: ESN PoS CP doesn't affect TimeAlly 1LT staking. Tokens remain safe in the TimeAlly Vault unless penalized.

How to Become Era Swap Miner: Miners stake Era Swap with TimeAlly 1LT Smart Contract to validate transaction blocks in ESN.

Miner Responsibilities: Miners validate transactions and earn rewards based on external factors like market forces, not their efforts.

Miner Rewards in ESN: Miners earn rewards in Era Swap Network for validating transaction blocks, encouraging network growth and security.

Miner's Impact on Staking Value: Miner performance doesn't directly affect staking value, as it depends on market forces and node performance.

Miner's Role in Creating ES Tokens:

The Miner maintains the distributed ledger of past Era Swap transactions for WES rewards but doesn't create new ES tokens.

Money Transmission Service by Miner: Miners don't provide money transmission services as they delegate validation rights to Blokcees who validate transactions.

Asset Transfer to Blokcee: In ESN, asset holders delegate validation rights to Blokcees without transferring assets for validation.





ERA SWAP TOKEN



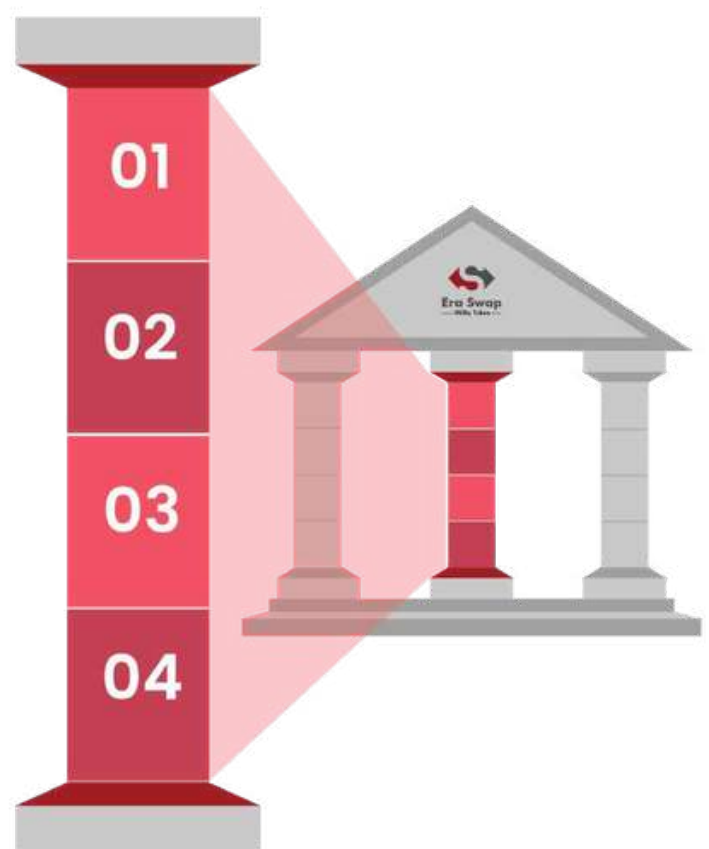
Era Swap — Utility Token —

The Era Swap Token (ES) serves as the native utility token of the Era Swap Network, a blockchain platform operating on a proof-of-stake consensus protocol. Its primary objective is to enhance the efficiency of the Era Swap Decentralized Ecosystem and fortify the long-term viability of the Decentralized Era Swap Network.

This decentralized token empowers holders to engage in peer-to-peer exchanges utilizing smart contracts within the Era Swap decentralized economy, effectively eliminating 100% of intermediary charges.

Era Swap Tokens are pre-mined and distributed through a smart contract on a monthly basis. The supply of Newly Released Tokens (NRT) will undergo a 10% reduction every year, starting from the previous year's total.

Similar to how ETH is the native token for the Ethereum Blockchain Network, Era Swap Tokens (ES) play a crucial role within the Era Swap Network. They are utilized for various functions including transactions, transaction fees, mining, and staking rewards.



ERA SWAP USER ADVANTAGES



Era Swap Token (ES) offers multiple Advantages to Era Swap Users for Era Swap Network and Era Swap (ES)



Greater
Transparency



Decentralization



Reduced Costs



Data Ownership



Eliminating the
Middlemen



New Business Models



Incentivize Positive
Behavior

ERA SWAP USER ADVANTAGES

Era Swap NRT distribution has been crafted in a manner to encourage adoption of Era Swap by rewarding users in multiple ways for their contribution on multiple platforms of Era Swap Ecosystem.

Era Swap
— Utility Token —

Also, there is strong focus to add more decentralized utility platforms for Peer-to-Peer Exchange of Services and a blockchain for the community to support speed and scalability without compromising on security. rewrite like this



Ecosystem
Development



Decentralized
Stake Holdings



Incentivize Stake
Holdings



Scalability &
Decentralization



Reward Activise
Acceleration



Participation
Incentives



Referral Rewards



Tie-ups for Mass
Adoption



Deflation and Burning Rules:

- Era Swap Token has deflation and burning mechanisms coded into its smart contract.
- Token burning rules are designed to prevent excessive disruption, limiting monthly burns to a maximum of 2% of Available Supply.
- Unburnt tokens are carried forward to the next month until the accumulated tokens are burnt.

Unrewarded Tokens:

- Unrewarded tokens are tokens that couldn't be distributed due to a deficit in TFC (Total Fuel Collected) generation from the exchange of services.
- These tokens are burnt every NRT (Newly Released Tokens) month.

Wrapped Era Swap (WES) / Era Swap Prepaid (ESP):

- WES/ESP versions of Era Swap can be created by sending Era Swap to a smart contract.
- WES/ESP tokens can be used for various purposes within the Era Swap ecosystem, including TimeAlly stakings, top-ups, and more.
- WES/ESP stakings are eligible for rewards such as TimeAlly Club and Day Swappers rewards.
- Era Swap Network distributes WES/ESP as mining rewards for staking and running nodes.

Luck Pool:

- Luck Pool is created to benefit the community by collecting tokens from various revenue sources.
- The pool includes additional revenue generated from the ecosystem and is merged with the Newly Released Tokens Pool for NRT distribution.

Work Pool:

- Work Pool contains tokens allocated for community members.
- Token distribution from the Work Pool is proportional to the TFC generated from different platforms in the Era Swap ecosystem.
- Unrewarded tokens are burnt during NRT to control inflation.

Charity Pool:

- KYC listing on Era Swap platforms involves a fee, with 10% of the fee going to the Charity Pool.
- 10% of the TFC also contributes to the Charity Pool.
- Community voting determines the beneficiary of the charity pool, and this pool supports charitable causes.

Total Fuel Collected (TFC):

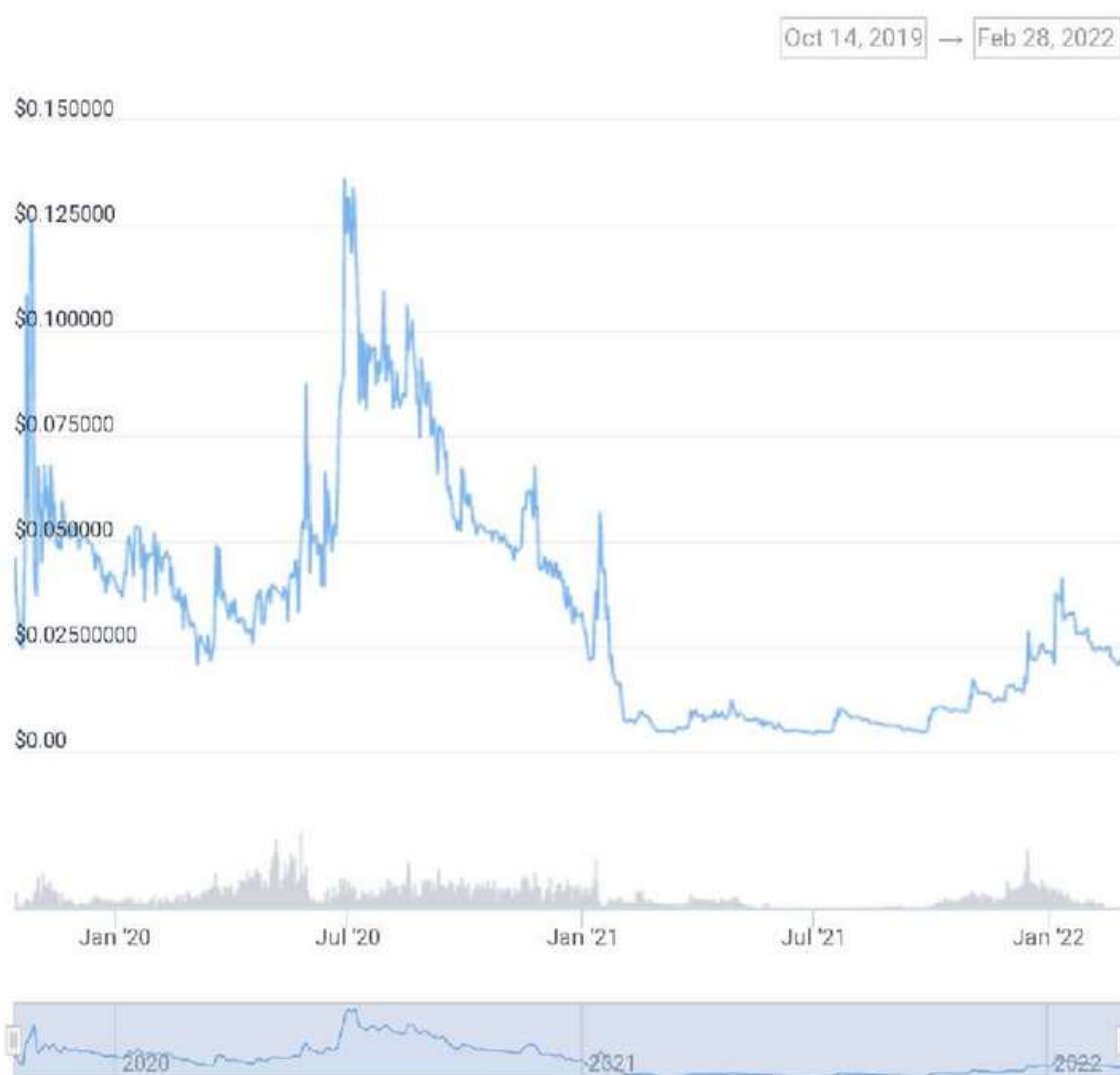
- TFC collected from various platforms is allocated back to the community, especially to active Day Swappers, as a reward for their contributions across platforms.

These tokenomics and mechanisms are designed to ensure controlled supply, encourage participation, and benefit the Era Swap community while maintaining deflationary elements within the ecosystem.





Era Swap Snapshot	Max Supply	9100000000 ES		https://etherscan.io/address/0x72108a8CC3254813C6BE2F1b77be53E185abFdD9#readContract
	Total Supply	3726541006 ES	09/09/23	https://apis.eraswap.info/third-party/esn/total-supply
	Fully Diluted Market Cap (Jun-20)	48103759 \$	09/09/23	
	Reserved for IEO, Private Sale, Series A, B & C Funding	480439393 ES	09/09/23	
	Total ES Burnt	848095269 ES	09/09/23	https://eraswap.info/address/0xbbb
	Total ES Burnt Value (\$)	4410095 \$ (848095269 ES x 00.52	09/09/23	
	Total Circulating Supply	2127909389 ES	09/09/23	https://apis.eraswap.info/third-party/esn/circulating-supply



Era Swap Explorer: <https://dashboard.eraswap.info/>

Token ES Supply Link: <https://etherscan.io/token/0x72108a8CC3254813C6BE2F1b77be53E185abFdD9#readContract>

Circulating Supply Link: <https://etherscan.io/token/0xef1344bdf80bef3ff4428d8bec3ee4a2cf574#readContract>

Era Swap Etherscan Link: <https://etherscan.io/token/0x72108a8CC3254813C6BE2F1b77be53E185abFdD9>

CoinMarketCap Link: <https://coinmarketcap.com/currencies/era-swap/>

CoinGecko Link: <https://www.coingecko.com/en/coins/era-swap-token>

*All the rewards to Active Era Swap Participants, allocated from NRT, will be given as per NRT Distribution Chart.

*EOM - End of the NRT Month (30 Days 10 Hours Cycle)



- to reward participants, contributors, and users
Era Swap
 pay that aligns with the contributions and effort
— Utility Token —

Utility Token

- employs a deflation method to gradually reduce the inflation rate. The inflation rate is reduced by 10% every year, relative to the

Utility Control:

- is designed to create demand for tokens and utilities within the ecosystem

controlled token releases, a deflationary supply, and components like TimeAlly work together to create a



TimeAlly plays a significant role in controlling the dynamics of supply and demand for Era Swap (ES) tokens within the ecosystem. TimeAlly is a decentralized application (DApp) that encompasses a set of protocols defining the distribution of newly released Era Swap tokens in a decentralized manner.

Influence on Supply and Demand:

• **Scarcity Creation:** TimeAlly contributes to creating scarcity in the circulating supply of Era Swap tokens. As the demand for Era Swap increases due to various factors, such as adoption and utility, there are fewer tokens available in the circulating supply. This scarcity can further drive up the demand for Era Swap tokens, potentially impacting their value.

Factors Driving Demand and Supply:

• **Era Swap Network Participation:** TimeAlly serves as the foundation for Era Community Members to participate in the Era Swap Network's Proof of Stake Consensus Protocol (ESN PoS CP) through the TimeAlly 1 Life Time Smart Contract. Stakers can stake Era Swap tokens, contributing to the growth and security of the Era Swap Network. This participation can stimulate demand for Era Swap tokens as more users engage with the network.

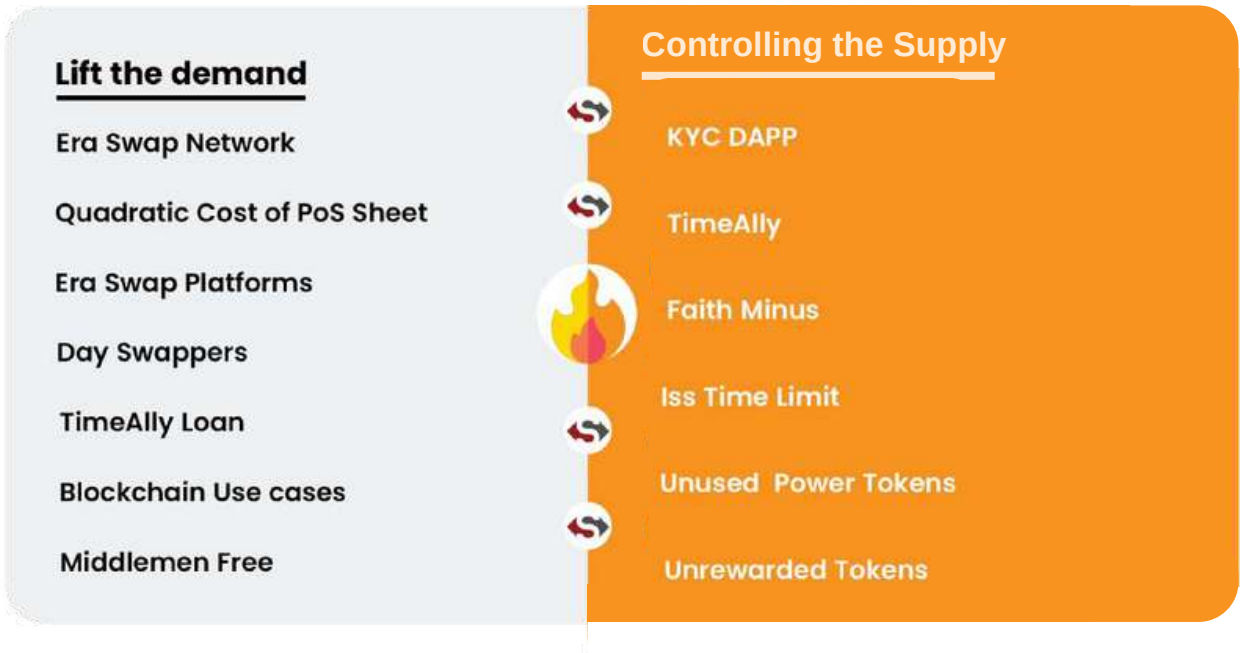
• **Supply Reduction:** TimeAlly's operation leads to the removal of tokens from the market, which contributes to reduced token supply. This reduction can create a scarcity effect and potentially increase demand, as participants seek to obtain tokens.

• **Reduced Volatility:** TimeAlly's influence also extends to the reduction of volatility in the Era Swap token's value. As the supply is stabilized and controlled through TimeAlly's mechanisms, the potential for extreme price fluctuations may decrease. Reduced volatility can attract more users and investors, further contributing to demand.

Balancing Token Economics:

• **Dual Impact:** TimeAlly's impact on the Era Swap ecosystem is two-fold. On one hand, it helps withdraw tokens from circulation, creating a sense of scarcity that can drive demand. On the other hand, it contributes to stabilizing the token's value and reducing volatility, making it more attractive for various use cases within the ecosystem.

In summary, TimeAlly's careful management of Era Swap token distribution, supply control, and volatility reduction creates a balanced and controlled environment for Era Swap tokens. This dynamic contributes to the overall health of the ecosystem and the potential for sustainable growth in demand and value.





The provided terms and conditions outline important points and considerations related to the Era Swap ecosystem and its future projections. Here's a breakdown of each point:

1. Future Predictability: The future is uncertain and unpredictable. The projections and illustrations provided are based on assumptions and are meant to offer a tentative forecast of the Era Swap ecosystem's growth and user base from 2020 to 2050. These projections are subject to change based on various factors and developments.

2. User Participation Across Platforms: Users may participate on multiple platforms within the Era Swap ecosystem. The projections take into account the potential for users to engage with various platforms and services offered by Era Swap.

3. NRT Distribution: The NRT (Newly Released Tokens) distribution chart indicates that only 50% of the total NRT will be available in liquid Era Swap tokens. The remaining 50% might be distributed through other mechanisms or utilized within the ecosystem.

4. NRT Reduction: The NRT distribution is expected to reduce by 10% every year. This reduction in NRT distribution can impact the availability of tokens over time and potentially influence their scarcity and demand.

5. Token Burning: There is a token burning mechanism in place, limiting the burning of tokens to a maximum of 2% of the total available tokens per month. This mechanism controls the rate at which tokens are removed from circulation.

6. Liquid ES per User: The projections consider the amount of liquid Era Swap tokens required per user. This estimation is based on an assumption of 36 transactions per year, with an average of 300 Era Swap tokens per transaction. This provides insight into the potential demand for liquid tokens within the ecosystem.

Year	NRT Distribution in ES	Burning Limit of ES	ES Total Supply	Assumption on No. of Users	Global Market % Adoption in ES	ES Demand as per User Assumption	Available ES Supply (Total Supply - Burning Limit)	Net ES Supply (Available Supply - Demand)	Demand to Supply Ratio in ES (x)
2020	737.1		1430	0			715	715.00	
2021	663.39	343.2	1823.9	100000	0.0007%	1080	568.75	-511.25	1.1843
2022	597.0510	437.7360	2049.5540	250000	0.0018%	2700	587.0410	-2112.96	2.6347
2023	537.3459	491.8930	2154.7120	700000	0.0050%	7560	585.4631	-6974.54	7.0172
2024	483.6113	517.1309	2174.9271	900000	0.0065%	9720	570.3326	-9149.67	8.9382
2025	435.2502	521.9825	2136.5559	1000000	0.0072%	10800	546.2954	-10253.70	10.1097
2026	391.7252	512.7734	2059.0326	1100000	0.0079%	11880	516.7429	-11363.26	11.5394
2027	352.5526	494.1678	1956.5900	1200000	0.0086%	12960	484.1271	-12475.87	13.2475
2028	317.2974	469.5816	1839.5610	1300000	0.0093%	14040	450.1989	-13589.80	15.2645
2029	285.5676	441.4946	1715.3638	1400000	0.0100%	15120	416.1872	-14703.81	17.6289
2030	257.0109	411.6873	1589.2441	1500000	0.0108%	16200	382.9347	-15817.07	20.3871
2031	231.3098	381.4186	1464.8364	1600000	0.0115%	17280	350.9996	-16929.00	23.5931
2032	208.1788	351.5607	1344.5854	1700000	0.0122%	18360	320.7320	-18039.27	27.3095
2033	187.3609	322.7005	1230.0638	1800000	0.0129%	19440	292.3314	-19147.67	31.6081
2034	168.6248	295.2153	1122.2094	1900000	0.0136%	20520	265.8894	-20254.11	36.5707
2035	151.7624	269.3303	1021.5040	2000000	0.0143%	21600	241.4217	-21358.58	42.2906
2036	136.5861	245.1610	928.1054	2100000	0.0151%	22680	218.8917	-22461.11	48.8738
2037	122.9275	222.7453	841.9462	2200000	0.0158%	23760	198.2278	-23561.77	56.4407
2038	110.6348	202.0671	762.8066	2300000	0.0165%	24840	179.3362	-24660.66	65.1279
2039	99.5713	183.0736	690.3678	2400000	0.000172	25920	162.1103	-25757.89	75.0904
2040	89.6142	165.6883	624.2508	2500000	0.000179	27000	146.4371	-26853.56	86.5037
2041	80.6527	149.8202	564.0448	2600000	0.000186	28080	132.2022	-27947.80	99.5666
2042	72.5875	135.3707	509.3268	2700000	0.000194	29160	119.2926	-29040.71	114.5041
2043	65.3287	122.2384	459.6758	2800000	0.000201	30240	107.5995	-30132.40	131.5710
2044	58.7958	110.3222	414.6823	2900000	0.000208	31320	97.0190	-31222.98	151.0554
2045	52.9163	99.5238	373.9544	3000000	0.000215	32400	87.4534	-32312.55	173.2832
2046	47.6246	89.7491	337.1216	3100000	0.000222	33480	78.8117	-33401.19	198.6227
2047	42.8622	80.9092	303.8371	3200000	0.000229	34560	71.0093	-34488.99	227.4904
2048	38.5760	72.9209	273.7783	3300000	0.000237	35640	63.9683	-35576.03	260.3566
2049	34.7184	65.7068	246.6475	3400000	0.000244	36720	57.6169	-36662.38	297.7529
2050	31.2465	59.1954	222.1705	3500000	0.000251	37800	51.8898	-37748.11	340.2793

Note:- All ES count is in Millions

Given Hypothesis offers a comprehensive overview of key factors and assumptions related to Era Swap's future growth and token dynamics. As with any financial projection, these assumptions and estimates are subject to change based on market conditions, user behavior, and other unforeseen variables. Users and participants should approach these projections with an understanding of their speculative nature and potential fluctuations.



Is Era Swap an Exchange? Era Swap is not an exchange that converts virtual currency into real currency, funds, or any currency substitute. It functions as a peer-to-peer decentralized utility platform powered by the Era Swap Utility token on the Era Swap Blockchain Network.

How NRT is Produced? / How New NRT is Generated? Era Swap Network (ESN) employs the Proof of Stake Consensus Protocol (PoS CP) with a maximum supply of 9,100,000,000 ES. Each time a new block is added to the blockchain, new tokens are generated from the New Released Token (NRT) Supply, following the rules specified in the smart contracts.

Factors Driving Era Swap Market Value: The value of Era Swap is influenced by external market forces. Participants and purchasers of Era Swap should rely on these market forces to dictate the value of Era Swap, rather than relying on Promoters/Developers to enhance its value.

Is There Guaranteed Profit in ES? Participants/stakers in the Era Swap Network (ESN) exercise control over their funds and ES-generating activities. Any potential profit is determined by their own efforts and decisions, and the success of their endeavors is not guaranteed by the enterprise's success.

Is Era Swap a Security or Utility Token? Era Swap tokens (ES) remain secure within users' wallets, and there is no automatic loss of ES. ES tokens are used exclusively within the Era Swap Ecosystem for peer-to-peer exchanges among Era Swap Community members. The utilization of ES is an integral part of the utility offered by the ecosystem.

Note: To understand the classification of Era Swap as a security or utility token, refer to the Howey Test by visiting Era Swap Howey Test Letter.

Era Swap Token and Market Risk: As with any cryptocurrency, Era Swap Token's value can experience significant volatility. Various external factors, such as market demand and supply dynamics, macroeconomic conditions, regulatory developments, technological advancements, and public perception, can influence the token's price.

Implications of Market Risk:

1.Price Fluctuations: Era Swap Token's price can exhibit rapid and substantial fluctuations within short periods. These fluctuations can impact both short-term traders and long-term holders.

2.Investment Decisions: Investors in Era Swap Token need to be cautious and well-informed about market trends before making investment decisions. The value of ES tokens can rise or fall unpredictably due to market forces.

3.Risk Management: Understanding market risk is essential for risk management strategies. Investors may choose to diversify their portfolio, conduct thorough research, and stay updated with market news to make informed decisions.

4.Volatility: High volatility can lead to significant gains, but it also carries a higher risk of losses. Traders and investors must be prepared for sudden price shifts.

User Awareness and Caution:

1.Educated Investment: Users interested in Era Swap Token should educate themselves about cryptocurrency markets, blockchain technology, and the Era Swap project before investing.

2.Risk Tolerance: Individuals should assess their risk tolerance level and invest only what they can afford to lose. Cryptocurrency investments come with inherent risk, and users should avoid investing more than they can afford to lose.

3.Research: Stay informed about the Era Swap ecosystem, project updates, partnerships, and developments. This knowledge can assist in making well-informed decisions.

4.External Factors: Recognize that market risk is often influenced by factors beyond the control of individual investors or the Era Swap project.

In conclusion, Era Swap Token is subject to market risk due to its exposure to the broader cryptocurrency market and external factors. Users are encouraged to exercise caution, conduct thorough research, and consider their risk tolerance before investing in Era Swap Token or any other cryptocurrency.

<https://eraswaptoken.io/era-swap-howey-test-letter-august7-2018.php>



TimeAlly 1 Life Time (TimeAlly 1LT) is the inaugural smart contract on Era Swap Network (ESN) created for stakers committed to securing the network and their stakes. It's a tailored solution for those who want to safeguard their tokens without engaging in day trading risks. Stakers choosing to lock their tokens are rewarded from the NRT pool every NRT month, based on their stake and duration. They receive up to 37% rewards: 15% for staking, 12% from ESN, and 10% Power Tokens on Swappers Wall.

ES REWARDS FOR TIMEALLY 1LT

- TimeAlly (15% of NRT) can be claimed: 50% in TimeAlly stakes and 50% in ES.
- Power Tokens (10% of NRT) can be converted 100% to WES/ESP (Wrapped ES).
- ESN PoS CP rewards (12% of NRT) can be claimed in WES/ESP if POS is delegated to ESN node.

HIGHLIGHTS OF TIMEALLY 1LT STAKING:

- Existing stakers receive upgraded TimeAlly plan on ESN without reward loss due to delays.
- New TimeAlly uses distributed funds pattern for risk mitigation.
- Secure smart contract design from ConsenSys.
- Transaction fees paid in ES instead of ETH.
- Eligibility for Era Swap mining by delegating PoS.
- Special dynamic IssTime limit based on behavior.
- Fees for splitting/transferring stakes: 3% <1 year, 2% <2 years, 1% <3 years, none >3 years; collected fees are burned (removed from circulation).
- Split transfers have charges based on stake anniversary.
- Unclaimed rewards transferred during split.
- Staking extension every year before contract anniversary.
- Maximum loan is 97% of total stakings with equivalent IssTime Liquid Limit.
- Failed loan repayment leads to stake burning.
- Voluntary Distruction results in 1% additional reward.



- Stakers can access TimeAlly loans with 0.1% daily interest.
- Failed loan repayment leads to stake burning.
- Maximum IssTime Liquid Limit is 97% of total stakings.
- User can exit with IssTime Limit without bothering to pay interest.
- 1LT is designed to distribute incentives for staking ,Mining,TimeAlly Club and Day Swapper, Give away power from NRT without loading any cost on users .
- Top-ups also receive rewards except in split, transfer, merger,
- acquisition, and restake cases.
- Charges for transfers based on stake anniversary.
- Master contract can merge other contracts as top-ups, but no recovery of unclaimed rewards during merging.

ISSTIME LIMIT

The IssTime limit is a crucial factor in determining the individual loan limit for stakers within the TimeAlly 1 Lifetime Smart Contract. This limit is designed to provide liquidity to stakers, emphasizing the utility of the Era Swap Ecosystem over pure profit-seeking motives. Additionally, it serves as a deterrent against short-term speculation, price volatility, and dumping of assets.

The IssTime limit is influenced by four levers, denoted as A, B, C, and D, which collectively contribute to calculating the IssTime Limit:

Lever A: When stakers either restake their rewards or claim rewards in prepaid ES for Liquid ES rewards received through TimeAlly, Lever A comes into play. It boosts the IssTime Liquid Limit by 225% for restaking and by 100% for claiming.

Lever B: Lever B functions similarly to Lever A but is specific to rewards obtained from Day Swappers. Restaking and claiming Day Swappers rewards lead to a 225% and 100% increase in the IssTime Liquid Limit, respectively.

Lever C: This lever pertains to Liquid ES rewards earned from TimeAlly Club. Stakers who choose to restake their TimeAlly Club rewards experience a 125% increase in the IssTime Liquid Limit. Meanwhile, claiming these rewards in prepaid ES results in a 100% increase.

Lever D: The IssTime Liquid Limit is influenced by the growth in the active user base of the Era Swap Ecosystem. For every additional 10,000 active users in a given month, the IssTime limit increases by 1% for the subsequent month. Importantly, this increase is not cumulative and resets each month based on the actual number of active users. For example, if there are 100,000 active users in one month, the IssTime Liquid Limit would increase by an extra 10% for the following month.

These levers, together with the IssTime Limit, play a crucial role in determining stakers' access to TimeAlly Loans and their participation in the Era Swap Ecosystem.





- 1. Splitting Impact:** When a staker splits their TimeAlly stakes, their IssTime Limit also splits proportionally based on the split ES amount.
- 2. Active User-Based Increase:** IssTime Liquid Limit grows with the ecosystem's active user base. For every 10,000 new active users in a month, IssTime limit increases by 1% for the next month. This increase is not cumulative and resets monthly.
- 3. Restaking Rewards:** Restaking Liquid TimeAlly (7.5% NRT) rewards and Day Swappers liquid rewards boosts IssTime Liquid Limit by 225%.
- 4. TimeAlly Club Rewards:** Restaking TimeAlly Club rewards results in a 125% increase in IssTime Liquid Limit.
- 5. Conversion Bonus:** Converting Liquid TimeAlly (7.5% NRT) rewards, TimeAlly Club, and Day Swappers liquid rewards into WES/ESP stakes leads to a 100% increase in IssTime Liquid Limit.
- 6. Loan Terms:** Loans can be taken for 1-30 days and 10 hours, with a 0.1% daily interest rate, applicable for one NRT month. This is if rewards remain unclaimed for the respective month when applying for a loan.
- 7. Loan Repayment:** After repaying a loan, stakers become eligible to claim rewards for the month. There's a 1 complete NRT month cool-off period before becoming eligible for the next loan.
- 8. Maximum Limit:** The maximum IssTime Liquid Limit for any user is capped at 97% of their total stakings.
- 9. Interest Rewards:** Interest received is added to the Luck Pool.
- 10. Default Consequences:** Defaulting on interest and loan repayment results in stake burning. Submitting intent to default rewards 1% additional reward. Reporting loan default also rewards 1% on a first-come, first-serve basis.
- 11. Interest-Free Exit:** Exiting with IssTime Limit in liquid form does not require interest payment.
- 12. Rewards for Top-ups:** Activation, TimeAlly Club, and Day Swapper rewards apply to WES/ESP and liquid top-ups. No rewards for split, transfer, merger, acquisition, and restake cases.
- 13. Contract Management:** Users can consolidate multiple TimeAlly contracts into one master contract for easier management. New top-up contracts should not have unclaimed rewards at merging, as these rewards cannot be recovered. IssTime Liquid Limit from new top-up contracts adds to the master contract.

DISCONTINUATION FROM TIMEALLY 1LT



Contracts can't be terminated, but stakers can extend them with in 11 th NRT month from day of last extend. 1LT is self managed DAPP doesn't provide or charged any administration , management, operating service or fees. Reward Withdrawal, deposits, Extension,Lapsation, Distruction & management of stakes is controled solely by wallet owner. Maximum loan is 97% of total stakings with equivalent to IssTime. Failed loan repayment leads to stake burning. Voluntary distruction for IssTime limit results in 1% additional reward.

TIMEALLY 1 LIFE TIME ILLUSTRATION



NRT Year Aug 2020 - July 2021 (ES)	737100000
Global Stakings (ES)	1020552246
ES PoS CP Staking (ES)	737100000
Self Staking (ES)	10000
Restaking Rewards Monthly	All Rewards
Day Swappers Tree Liquid reward per month (ES)	500
Use of Day Swappers Liquid reward	Restake
TimeAlly Club Rewards per Month	500
Use of TimeAlly Club reward	Restake

Milestone Achievements	Year
TimeAlly 100% Split and Transfer option	Year 0
100% Rewards Receive exceeds initial staking	Year 2
IssTime Liquid Limit - 100% All 4 levers (A+ B + C + D)	Year 2
IssTime Liquid Limit - 100% 225% of all Liquid ES restaked (Lever A)	Year 3
IssTime Liquid Limit - 100% 225% of Day Swappers (Lever B)	Year 1
IssTime Liquid Limit - 100% 125% of TimeAlly Club (Lever C)	Year 2
IssTime Liquid Limit - 97% 1 million Active Users Acquisition (Lever D)	Year 10

TimeAlly 1 Life Time	Assumed Active Userbase Count of Era Swap Ecosystem	Total Rewards received 37% NRT (Cumulative Month on Month basis) including ESN PoS CP, TimeAlly, Power Tokens in ES	TimeAlly Liquid Rewards received 7.5% NRT Yearly (Cumulative Month on Month basis) in ES	TimeAlly Staked Rewards received 7.5% NRT Yearly (Cumulative Month on Month basis) in ES	Power Tokens Rewards received 10% NRT Yearly (Cumulative Month on Month basis) in ES	ESN Miners reward in Wrapped ES (WES) (NRT-12%) (Cumulative Month on Month basis)	Total Wealth Accumulated by restake of 27% NRT (Cumulative Month on Month basis) including ESN PoS CP and TimeAlly in ES	Total Wealth Accumulated in ES (Including Day Swappers and TimeAlly Club)	Split and Transfer Charges of the amount Transferred in ES
Year 1	4000.000	5103.611	919.799	919.799	1226.399	2037.613	13877.212	25877.212	3%
Year 2	100000.000	14378.132	2591.301	2591.301	3455.069	5740.461	20923.064	44923.064	2%
Year 3	220000.000	27701.658	4992.536	4992.536	6656.715	11059.871	31044.943	67044.943	1%
Year 4	340000.000	44828.818	8079.282	8079.282	10772.376	17897.879	44056.442	92056.442	0%
Year 5	460000.000	65413.239	11789.113	11789.113	15718.817	26116.197	59694.422	119694.422	0%
Year 6	580000.000	89033.478	16046.074	16046.074	21394.766	35546.563	77638.712	149638.712	0%
Year 7	700000.000	115219.632	20765.479	20765.479	27687.305	46001.370	97532.327	181532.327	0%
Year 8	820000.000	143478.430	25858.426	25858.426	34477.901	57283.678	119000.529	215000.529	0%
Year 9	940000.000	173315.276	31235.777	31235.777	41647.702	69196.021	141667.574	249667.574	0%
Year 10	1060000.000	204252.387	36811.423	36811.423	49081.897	81547.644	165170.490	285170.490	0%
Year 11	1180000.000	235842.698	42504.792	42504.792	56673.056	94160.057	189169.642	321169.642	0%
Year 12	1300000.000	267679.642	48242.611	48242.611	64323.482	106870.938	213356.161	357356.161	0%
Year 13	1420000.000	299403.197	53959.995	53959.995	71946.659	119536.548	237456.537	393456.537	0%
Year 14	1540000.000	330702.743	59600.961	59600.961	79467.948	132032.874	261234.795	429234.795	0%
Year 15	1660000.000	361317.359	65118.485	65118.485	86824.647	144255.741	284492.711	464492.711	0%
Year 16	1780000.000	391034.152	70474.200	70474.200	93965.600	156120.153	307068.552	499068.552	0%
Year 17	1900000.000	419685.207	75637.841	75637.841	100850.455	167559.069	328834.752	532834.752	0%
Year 18	2020000.000	447143.626	80586.540	80586.540	107448.720	178521.827	349694.906	565694.906	0%
Year 19	2140000.000	473319.062	85304.012	85304.012	113738.683	188972.354	369580.379	597580.379	0%
Year 20	2260000.000	498153.067	89779.725	89779.725	119706.300	198887.316	388446.766	628446.766	0%
Year 21	2380000.000	521614.488	94008.064	94008.064	125344.085	208254.274	406270.402	658270.402	0%
Year 22	2500000.000	543695.073	97987.541	97987.541	130650.055	217069.935	423045.017	687045.017	0%
Year 23	2620000.000	564405.400	101720.064	101720.064	135626.752	225338.521	438778.649	714778.649	0%
Year 24	2740000.000	583771.198	105210.268	105210.268	140280.358	233070.304	453490.840	741490.840	0%
Year 25	2860000.000	601830.070	108464.932	108464.932	144619.909	240280.298	467210.161	767210.161	0%
Year 26	2980000.000	618628.656	111492.460	111492.460	148656.613	246987.123	479972.043	791972.043	0%
Year 27	3100000.000	634220.175	114302.444	114302.444	152403.259	253212.028	491816.916	815816.916	0%
Year 28	3220000.000	648662.370	116905.291	116905.291	155873.722	258978.066	502788.648	838788.648	0%
Year 29	3340000.000	662015.779	119311.912	119311.912	159082.549	264309.406	512933.230	860933.230	0%
Year 30	3460000.000	674342.325	121533.466	121533.466	162044.621	269230.772	522297.704	882297.704	0%

Terms and Conditions:

- => All Rewards shall be distributed end of the NRT month (30 Days 10 Hours).
- => Global 37% NRT for 3rd year is 272.727 mil. ES and will reduce by 10% every year.
- => TimeAlly (15% of NRT) can be claimed 50% TimeAlly stakes and 50% in ES Liquid.
- => Power Tokens (10% of NRT) can be sent in 50% TimeAlly stakes and 50% WES stakes.
- => ESN PoS CP (12% of NRT) can be claimed in 100% WES stakes if PoS delegated to ESN node.

TERMS AND CONDITIONS For Split and Transfer:

- => Stakers can split and transfer their TimeAlly Stakes to other users directly from day 1 of TimeAlly 1 Life Time Smart Contract.
- => For every transfer there will be a charge depending on the anniversary of the stake. 3% for <= 1 year, 2% for <= 2 years, 1% for <= 3 years, while > 3 years there will not be any transfer charge, these charges collected will be burned.
- => In case of transfer all unclaimed rewards are also transferred to the recipient
- => Every split will create a new contract on current timestamp, unclaimed rewards shall remain in the initial contract. Hence it is not necessary to claim rewards before splitting.

Highlights:

- => All existing stakers will be receiving preactivated upgraded TimeAlly staking plan on ESN. There will not be any transition loss of staking rewards due to delay in staking in ESN.
- => Stakers can use ES to pay for their transaction fee instead of their current requirement of paying in ether.
- => Stakers will be eligible to participate in Era Swap mining by delegating their PoS to a validator node.
- => There is special dynamic IssTime limit awarded to every TimeAlly stake Holders as per their behavior and action.
- => Stakers can split & transfer their pre-activated TimeAlly smart contract to other users from Day 1
- => New TimeAlly uses distributed fund pattern which mitigates the risk of total funds loss in an event of breach.
- => This is a smart contract design security recommended from ConsenSys.

TIMEALLY 1 LIFE TIME ILLUSTRATION (ISSTIME)



ISSTIME

NRT Year Aug 2020 - July 2021 (ES)	737100000
Global Stakings (ES)	1020552246
ES PoS CP Staking (ES)	737100000
Self Staking (ES)	10000
Restaking Rewards Monthly	All Rewards
Day Swappers Tree Liquid reward per month (ES)	500
Use of Day Swappers Liquid reward	Restake
TimeAlly Club Rewards per month	500
Use of TimeAlly Club reward	Restake

Milestone Achievements	Year
TimeAlly 100% Split and Transfer option	Year 0
100% Rewards Receive exceeds initial staking	Year 2
IssTime Liquid Limit - 100% All 4 levers (A+ B + C + D)	Year 2
IssTime Liquid Limit - 100% 225% of all Liquid ES restaked (Lever A)	Year 3
IssTime Liquid Limit - 100% 225% of Day Swappers (Lever B)	Year 1
IssTime Liquid Limit - 100% 125% of TimeAlly Club (Lever C)	Year 2
IssTime Liquid Limit - 97% 1 million Active Users Acquisition (Lever D)	Year 10

TimeAlly 1 Life Time	IssTime Liquid Limit					
	Increased by 225% for restaking while 100% for claiming in WES for Liquid ES rewards received in TimeAlly. (Lever A)	Increases by 225% for restaking while 100% for claiming in WES for every Liquid ES rewards received in Day Swappers. (Lever B)	Increases by 125% for restaking while 100% for claiming in WES for every Liquid ES rewards received in TimeAlly Club. (Lever C)	IssTime Liquid limit in ES (Active Users) (Lever D)	IssTime % Liquid limit of Current staking (A+B+C+D)	Total IssTime Liquid limit of Initial Staked amount in ES (A+B+C+D)
Year 1	2069.55	13500.00	7500	103.509	90%	23173.057
Year 2	5830.43	27000	15000.00	4492.306	97%	43575.372
Year 3	11233.21	40500	22500	14749.888	97%	65033.595
Year 4	18178.38	54000	30000	31299.190	97%	89294.749
Year 5	26525.50	67500	37500	55059.434	97%	116103.589
Year 6	36103.67	81000	45000	86790.453	97%	145149.550
Year 7	46722.33	94500	52500	127072.629	97%	176086.357
Year 8	58181.46	108000	60000	176300.434	97%	208550.513
Year 9	70280.50	121500	67500	234687.519	97%	242177.547
Year 10	82825.70	135000	75000	276615.375	97%	276615.375
Year 11	95635.78	148500	82500	311534.553	97%	311534.553
Year 12	108545.88	162000	90000	346635.476	97%	346635.476
Year 13	121409.99	175500	97500	381652.841	97%	381652.841
Year 14	134102.16	189000	105000	416357.751	97%	416357.751
Year 15	146516.59	202500	112500	450557.930	97%	450557.930
Year 16	158566.95	216000	120000	484096.495	97%	484096.495
Year 17	170185.14	229500	127500	516849.709	97%	516849.709
Year 18	181319.71	243000	135000	548724.059	97%	548724.059
Year 19	191934.03	256500	142500	579652.967	97%	579652.967
Year 20	202004.38	270000	150000	609593.363	97%	609593.363
Year 21	211518.14	283500	157500	638522.290	97%	638522.290
Year 22	220471.97	297000	165000	666433.667	97%	666433.667
Year 23	228870.14	310500	172500	693335.289	97%	693335.289
Year 24	236723.10	324000	180000	719246.115	97%	719246.115
Year 25	244046.10	337500	187500	744193.857	97%	744193.857
Year 26	250858.03	351000	195000	768212.881	97%	768212.881
Year 27	257180.50	364500	202500	791342.409	97%	791342.409
Year 28	263036.91	378000	210000	813624.989	97%	813624.989
Year 29	268451.80	391500	217500	835105.233	97%	835105.233
Year 30	273450.30	405000	225000	855828.773	97%	855828.773

Terms and Conditions for TimeAlly Loan:

- => When a staker splits his TimeAlly stakes, his current IssTime Limit also splits in the same proportion of the split ES amount.
- => IssTime Liquid Limit shall increase with Active user base of ecosystem. On every 10000 active users for the month IssTime limit will increase by 1% for the next month for all stakers. This limit will not be carried forward and be considered as per actual active users. eg. If in a month there are 100000 active users, then an additional 10% IssTime Liquid Limit shall increase for next month.
- => IssTime Liquid Limit shall increase with 225% on restake of individuals Liquid TimeAlly (7.5% NRT) rewards and Day Swappers liquid rewards.
- => IssTime Liquid Limit shall increase with 125% on restake of individuals TimeAlly Club rewards.
- => IssTime Liquid Limit shall increase with 100% on conversion of individuals Liquid TimeAlly (7.5% NRT) rewards, TimeAlly Club and Day Swappers liquid rewards into WES stakes.
- => Loan can be taken for a period of 1 day to 30 days 10 hours with 0.1% interest per day on the loan amount for one NRT month, if rewards are unclaimed for the respective month at the time of applying loan.
- => After repayment of loan, staker will be eligible to claim rewards for the month and there will be a cool-off period of 1 complete NRT month to become eligible for the next Loan
- => Maximum IssTime Liquid Limit for any user is 97% of his total stakings.
- => When interest repaid, the interest received will be added to Luck Pool
- => Stakes will be burnt in next NRT month incase of default for Interest and Loan repayment.
- => Incase of submission of intent to willfully default loan at the time of applying loan or before end of loan period then users will receive 1% additional reward. At the end of the loan if the user doesn't volunteer to inform about loan default then 1% reward of tokens to be burnt will be awarded to the user who informs about the same on first come first server basis.
- => Incase a person wishes to exit in liquid with IssTime Limit he does not need to pay the interest.
- => There will be activation, TimeAlly Club and Dayswapper reward on WES and liquid top-ups. However, there will not be any activation, TimeAlly Club and Dayswapper reward on split, transfer, merger, acquisition and restake cases.
- => Users can choose to maintain 1 master TimeAlly contract on 1 wallet and merge other contracts as top-up. It reduces the hassle of managing multiple TimeAlly contracts. New top-up contracts shouldn't have any unclaimed rewards at the time of merging with master contract as the unclaimed rewards cannot be recovered at the time of merging. All IssTime Liquid Limit of new top-up contracts shall be added into the master contract.



TimeAlly introduces the TimeAlly Super Goal Achiever Plan (TSGAP) and TimeAlly Personal Era Swap Teller (PET) for Era Swap Community. These are secured Systematic Accumulation Plans stored in a transparent and secure smart contract on Day 1 of the annuity. TimeAlly offers premium adjustments from payouts, rewards, and power. It explores Blockchain-based DeFi for transparent and authorized benefit claims.

TIMEALLY PERSONAL ERA SWAP TELLER (PET)

Reasons for TimeAlly PET Smart Contract:

Exclusive Rewards: Stakers receive TimeAlly PET rewards exclusively in WES/ESP, providing additional value to their holdings.

Bounty Incentive: A generous 100% additional bounty is offered for the next 12 months in Era Swap (WES/ESP).

Guaranteed Accumulation: TimeAlly PET Smart Contract ensures guaranteed accumulation of rewards, providing a secure and predictable ES income source.

Companion for Annuity: It acts as a companion, offering consistent monthly annuity gains for 5 Annuity Years, based on the achievement of monthly goals.

Security and Control: The PET Smart Contract delivers safety, security, complete control, and transparency over monthly accumulation and rewards, following predefined rules.

Customizable Plans: Stakers can choose PET plans aligned with their monthly goals, and the PET Smart Contract systematically rewards their accumulation behavior.

TimeAlly PET Smart Contract offers a comprehensive solution for stakers, combining rewards, security, and flexibility to help them achieve their ES accumulation objectives.

TimeAlly PET Features:

- PET rewards in WES/ESP only.
- 100% Additional bounty for 12 months of ES accumulation.
- Assures annuity gain for 5 years based on Monthly Goals.
- Offers safety, security, control, and transparency.
- Flexible plans based on Monthly Goals.
- Foundation fundraising delight for new users . Maximum ES withdrawal limited to 20 Million ES. Once this budget is consumed, further deposits will stop.
- Legacy benefits can be managed with multiple nominees and appointees:
- Nominee: Can withdraw benefits if the staker doesn't for 1 year.
- Appointee: Can facilitate benefit preponement with 51% approval if staker doesn't withdraw for 6 months.





Minimum Staking Commitment per Month	10000	Annuity Benefit	12.0%
Total Staked Count for 12 months (ES)		ES Count	
Total accumulation Staking in 12 months (ES)		120000.00	
PET Bounty Gained in 12 months (ES)		120000.00	
Gross Staking in 12 months (ES)		240000.00	
At 5 years (WES)		WES Count	% of ES Accumulation
Gross Annuity Benifits in 60 Months (WES)		144000.00	120.00%
Gross PET Bonus Benefits in 12 Trenches (WES)		240000.00	200.00%
GROSS TOTAL BENEFIT IN 60 MONTHS (WES)		384000.00	320.00%

Illustration depicts 100% disciplined accumulation results.

PET Annuity Chart: PET starts with a Systematic Accumulation Plan (SAP) of minimum 500 ES commitment. PET Bounty accumulates based on Monthly Target Commitment.

PET Bonus: PET Bonus is released in 12 equal intervals over 5 years, based on Monthly Target Commitment. Bonus for each month is provided after a specific period.

Monthly Target Achievement: Stakers meeting the Monthly Target Commitment receive PET Bonus and Bounty.

Top-Ups: Stakers receiving more than the Monthly Target Commitment get 50% of PET Bounty on the additional stake.

Default Monthly Commitment: Failing to reach 50% of Monthly Target Commitment disqualifies stakers from PET Bonus and Bounty for that month.

Passing PET Target Commitment %: Passing PET target commitment is a minimum of 50% of Monthly target commitment for PET Bonus qualification.

Frequency Mode: Stakers can commit for 3, 6, or 12 months in a single transaction if target meets.

Rewards Allocation: PET rewards in WES/ESP only, offering 100% Additional bounty for 12 months ES accumulation. Provides annuity gains, security, control, and transparency.

Flexible Rewards Check Out Demo Video for Step by Step Guidance:

<https://youtu.be/fNaF-lFd5xE?si=l-WZFl6eJlm8KK>



TIMEALLY PET
Personal Era Swap Teller



TimeAlly presents the TimeAlly Super Goal Achiever Plan (TSGAP), a Decentralized Smart Contract based Systematic Accumulation Plan (SAP). TSGAP incentivizes regular staking behavior in a disciplined manner.

Stored Benefits: TSGAP ensures annuity on ES staked each month for the next 9 years. The staked Era Swap (ES) is securely held within a trustless smart contract system. This prevents double spending and unauthorized movement, as managed by the blockchain-based smart contract.

Total Control: Assets are distributed according to Smart Contract logic at different intervals. The staker retains complete control over the withdrawal of eligible benefits.

Bonus & Annuity Guaranteed: Stakers will receive annuity on ES staked every month for the next 9 years. A Booster Bonus on total ES staked in the 1st year will be released equally on the 36th, 72nd, and 108th months.

Limited Period Offer: TSGAP:

TSGAP is Foundation fundraising delight for new users . Maximum ES withdrawal limited to 10 Million ES .Once this quota is reached, the TSGAP smart contract will no longer accept additional stakings.

HOW TSGAP WORKS:

- SAP starts with a minimum of 100 ES and above.
- Grace period for monthly accumulation is 10 days. A 1% deduction from the first Booster bonus occurs if SAP is staked during the grace period.
- Defaulting on the minimum SAP commitment results in a 2% deduction from the first Booster bonus.
- The total annuity returns span 9 years, with booster benefits.
- Defaulting on SAP for certain months will lead to deductions from the booster bonus, affecting the overall returns.

TIMEALLY SAP (TSGAP) 10000 ES ILLUSTRATION FOR 12 MONTHS

TSGAP	Commitment for 12 Months	Monthly Annuity %
Monthly ES to be Staked for 12 months	10000	22%
Staked Amount for 12 Months (ES)	ES Count	
Total Initial Staking in 12 months (ES)	120000.00	
Cumulated Returns at 108 Months (ES)	ES Count	% of ES Accumulation
Gross Annuity Benifits in 108 Months (ES)	237600.00	198%
Gross Booster Bonus Benifits every 3rd year (ES)	120000.00	100%
Gross Benefits Untill 9th Year (ES)	357600.00	298%

*The stakers will be allocated TimeAlly TSGAP rewards in ES only. Illustration depicts 100% disciplined accumulation results.





Nominee & Appointee Features:

- Depositing 12 months SAP at once goes against the purpose of staggered entry into the market and ES rate variation.
- Additional ES deposited beyond SAP commitment is considered a TOP Up.
- TOP Ups are applicable based on the chosen plan at contract acceptance, as per TSGAP SAP & Annuity Chart.

Grace Period:

- After depositing ES for the first month's accumulation, a 30-day, 10-hour window opens for depositing for the 2nd month.
- A 10-day grace period follows if SAP is not deposited within the 30-day, 10-hour timeframe.
- After the grace period, the staker cannot deposit for the respective month, losing the opportunity forever. No payout will be given for that month.

Duration: The month duration is 30 days and 10 hours from the first staking day and time.

Check Out Demo Video for Step-by-Step Guidance:

<https://www.youtube.com/watch?v=y0PetzOuuLA>

TSGAP SAP & ANNUITY CHART IN ES

TSGAP ES SAP for 12 months	Yearly Annuity for the month in ES
100 to 499 ES	16%
500 to 999 ES	18%
1000 to 9999 ES	20%
10000 to 99999 ES	22%
100000 ES and above	24%



TimeAlly presents the TimeAlly Super Goal Achiever Plan (TSGAP), a Decentralized Smart Contract based Systematic Accumulation Plan (SAP). TSGAP incentivizes regular staking behavior in a disciplined manner.

Stored Benefits: TSGAP ensures annuity on ES staked each month for the next 9 years. The staked Era Swap (ES) is securely held within a trustless smart contract system. This prevents double spending and unauthorized movement, as managed by the blockchain-based smart contract.

Total Control: Assets are distributed according to Smart Contract logic at different intervals. The staker retains complete control over the withdrawal of eligible benefits.

Bonus & Annuity Guaranteed: Stakers will receive annuity on ES staked every month for the next 9 years. A Booster Bonus on total ES staked in the 1st year will be released equally on the 36th, 72nd, and 108th months.

Limited Period Offer: TSGAP is a limited period solution valid for 10 million ES. Once this quota is reached, the TSGAP smart contract will no longer accept additional stakings.

HOW TSGAP WORKS:

- SAP starts with a minimum of 100 ES and above.
- Grace period for monthly accumulation is 10 days. A 1% deduction from the first Booster bonus occurs if SAP is staked during the grace period.
- Defaulting on the minimum SAP commitment results in a 2% deduction from the first Booster bonus.
- The total annuity returns span 9 years, with booster benefits.
- Defaulting on SAP for certain months will lead to deductions from the booster bonus, affecting the overall returns.

Nominee & Appointee Features:

- Depositing 12 months SAP at once goes against the purpose of staggered entry into the market and ES rate variation.
- Additional ES deposited beyond SAP commitment is considered a TOP Up.
- TOP Ups are applicable based on the chosen plan at contract acceptance, as per TSGAP SAP & Annuity Chart.

Grace Period:

- After depositing ES for the first month's accumulation, a 30-day, 10-hour window opens for depositing for the 2nd month.
- A 10-day grace period follows if SAP is not deposited within the 30-day, 10-hour timeframe.
- After the grace period, the staker cannot deposit for the respective month, losing the opportunity forever. No payout will be given for that month.

Duration: The month duration is 30 days and 10 hours from the first staking day and time.

Check Out Demo Video for Step-by-Step Guidance:

https://youtu.be/5HK1fQydJoQ?si=_0sVn99eUxm3MftJ



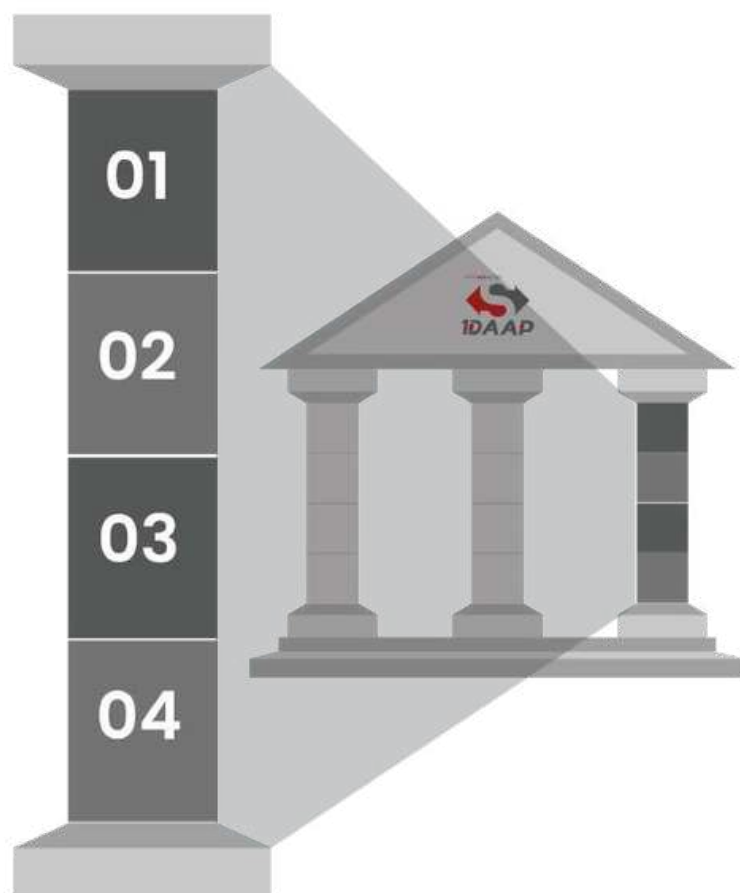


Multi-Purpose Platform: Era Swap Decentralized Ecosystem offers a range of utility platforms within the Era Swap Network, enabling the community to exchange services, claim rewards, and provide discounts using Era Swap utility tokens.

Convenient Single Sign-on: Users can effortlessly access the Era Swap Ecosystem with their decentralized wallet through Era Swap Life on the web or the IDAAP mobile app. This grants them instant entry to various peer-to-peer platforms within the ESE.

Elimination of Central Control: The Era Swap Ecosystem operates on a blockchain foundation, ensuring a trustless, decentralized, and transparent environment through the use of smart contracts. This removes intermediaries from the equation, preventing centralized entities from having control over user data.

Incentivizing Contribution: The Ecosystem employs a rewards system driven by smart contracts to motivate community members for their contributions to the ESE. This is achieved through the exchange and utilization of various peer-to-peer utility services using ES tokens.



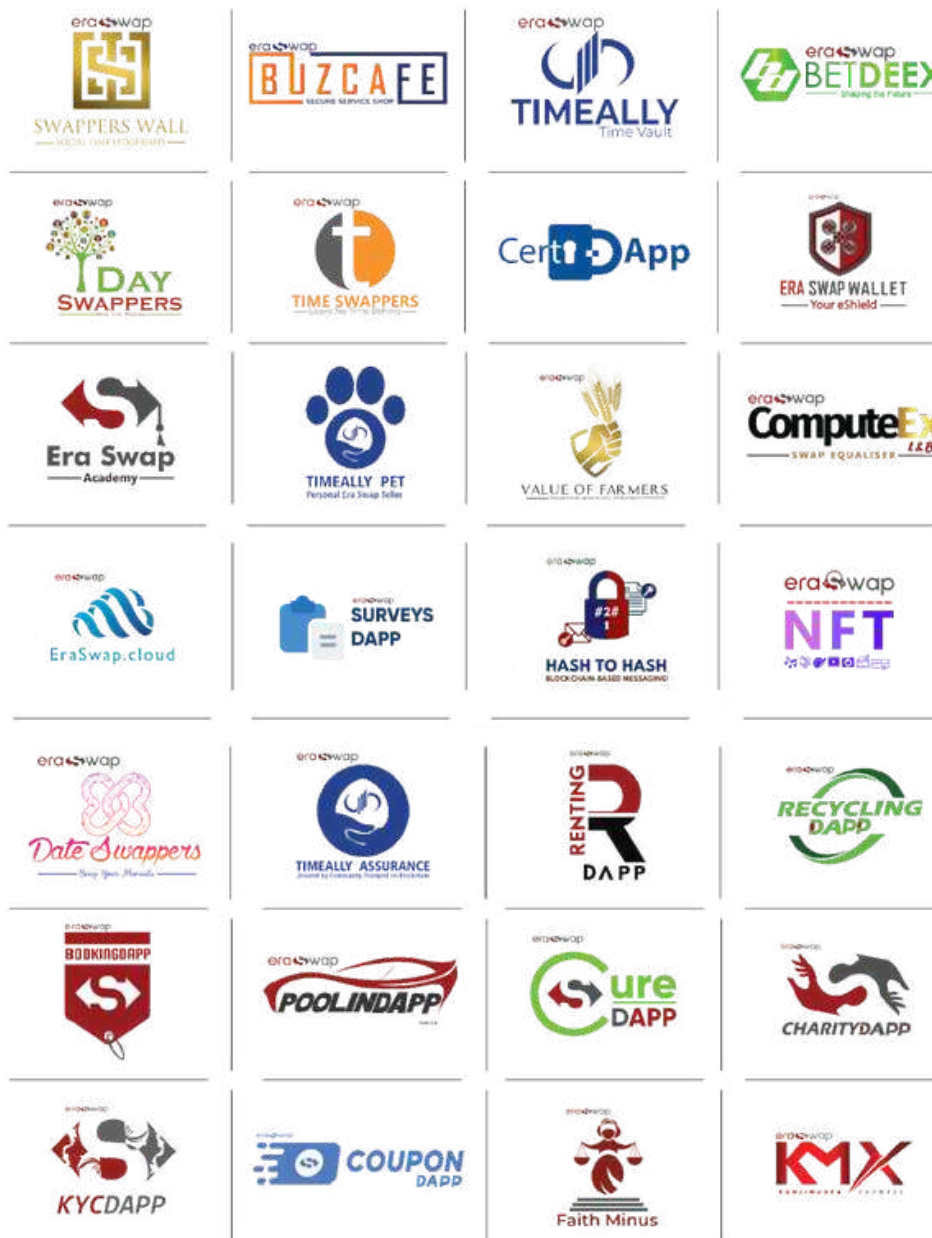
ERA SWAP UTILITY PLATFORMS



Era Swap's ecosystem seamlessly integrates 20+ decentralized platforms, all powered by the ES Utility token and a unified Blockchain Network. These platforms are not only free to use but also actively contribute to rewarding the community.



A singular Era Swap Blockchain Network empowers all of these Utility Platforms.



***Please note the above numbers are estimate from the sources available on internet**

Gender	Count
Male	1310
Female	3800
Other	570
Unknown	7.6
...	75
...	150
...	70
...	767.4
...	400
...	628.7
...	100.8
...	28.5





Era Swap is a dynamic ecosystem with diverse components, strategically designed to realize its vision progressively. The Era Swap Team is committed to stabilizing the ecosystem by fostering utility and consumption within it. Each component addresses specific facets of the ecosystem, such as demand growth, volatility reduction, multiple usage avenues for Era Swap, cost-effective service exchanges, and user incentives based on contributions across platforms. <https://www.eraswap.life>

TIME SWAPPERS

<https://timeswappers.com>

Time Swappers is a peer-to-peer marketplace enabling the exchange of tokenized time (ES/hour) between service providers and seekers. Era Swap tokens facilitate these service exchanges.



BUZCAFE

<https://buzcafe.com>

BuzCafe offers a convenience solution for Era Swap users, serving as a marketplace where users can purchase services from merchants in a peer-to-peer manner. It also encompasses a network of retail outlets that accept Era Swap for exchanges within the community.



SWAPPERS WALL

<https://swapperswall.com>

Swappers Wall is a decentralized social community platform allowing Era Swap community members to reward each other with Era Swap Power tokens for unique, original content or high-quality work.



DAY SWAPPERS

<https://dayswappers.com>

Day Swappers is an affiliate program enabling Era Swap community members to contribute to the platform's growth, user-base expansion, and usage increase, while earning rewards for their efforts.



COMPUTEEX

<https://computeex.net>

ComputeEx is a convenience platform where Era Swap members can acquire ES using credit/debit cards or buy ES from BTC. It also functions as a multi-exchange solution, offering the best deals from various digital asset exchanges worldwide.



ERA SWAP ACADEMY

<https://eraswap.academy>

Era Swap Academy is an e-marketplace connecting subject matter experts (SMEs) with learners and enthusiasts for peer-to-peer skill and expertise sharing.



ERA SWAP CLOUD

<http://eraswap.cloud>

Era Swap Cloud is a peer-to-peer decentralized network for storing and sharing data through IPFS, allowing users to buy and sell unused storage using ES.





BETDEEX

<https://www.betdeex.com>

BetDeEx is a decentralized prediction platform, leveraging blockchain to create a decentralized, transparent, and trustless prediction environment for various categories of events.



TIMEALLY

<https://www.timeally.io>

TimeAlly is a decentralized app (DApp) that offers multiple benefits to users through predefined smart contract rules. It rewards TimeAlly contract holders for holding their tokens in the smart contract over a specified period.



TIMEALLY CLUB

<https://timeallyclub.com>

TimeAlly Club offers different membership categories with associated rewards for Era Swap community members based on their contributions to TimeAlly products.



ERA SWAP WALLET

<https://eraswapwallet.com>

Era Swap Wallet is a decentralized wallet supporting multiple digital assets, providing users with full control over their funds.



VALUE OF FARMERS

<http://valueoffarmers.org>

Value of Farmers offers a web and mobile app connecting the farming community for peer-to-peer exchanges and ecosystem connectivity.



CERTIDAPP

<https://certidapp.com>

CertiDApp is an open-source digital certificate issuer powered by blockchain, making certificates immutable and tamper-proof.



FAITH MINUS

<https://faithminus.com>

Faith Minus is a blockchain-based multi-layer dispute resolution system for various utility platforms in the Era Swap Ecosystem.



RECYCLINGDAPP

<https://recyclingdapp.com>

RecyclingDApp is a future platform aiming to create a marketplace for prosumers to trade renewable energy at competitive prices, promoting distributed generation and P2P trading.



CHARITYDAPP

<https://charitydapp.com>

CharityDApp is a decentralized charity system where users can engage in charitable activities based on project ratings and reviews. Charity transactions occur in a peer-to-peer format through simple steps.





BOOKINGDAPP

<https://bookingdapp.com>

BookingDApp allows event organizations and enterprises to list their services. Buyers can explore services and offerings and purchase tickets using Era Swap (ES).



DATE SWAPPERS

<https://dateswappers.com>

Date Swappers is a decentralized online platform aimed at creating a peer-to-peer meet-up and social dating ecosystem. Users can list their profiles and view profiles of individuals across the network.



RENTINGDAPP

<https://rentingdapp.com>

RentingDApp is a decentralized peer-to-peer leasing platform facilitating rentals without middlemen. Blockchain technology enhances the cost-effectiveness, convenience, and security of the rental process for both lenders and borrowers.



POOLINDAPP

<https://poolindapp.com>

PoolinDApp is a decentralized P2P ride-sharing application, allowing vehicle owners and riders to exchange services without intermediaries. Vehicle owners can list services, undergo KYC, and start offering rides.



CUREDAPP

<https://curedapp.com>

CureDApp enables users to book appointments with doctors and securely store health records and medical reports on the blockchain.



KYCDAPP

<https://kycdapp.com>

KYCDApp is constructing a blockchain-based identity system, empowering identity owners who have undergone KYC on Era Swap ecosystem platforms to have true ownership, control, and management of their digital identity.



COUPONDAPP

<https://coupondapp.com>

CouponDApp is a decentralized application where users can gift Era Swap to friends or loved ones via a unique file over email. The receiver can then claim Era Swap.



HASH TO HASH #2#

<http://hashtohash.com>

In Hash to Hash #2#, users can privately exchange messages using Era Swap Wallet without sharing phone numbers or email addresses. Messages are converted into a unique value using cryptography, compression, checksum generation, and data indexing. The decentralized nodes ensure end-to-end encryption for security.



ERA SWAP NFT

<http://eraswapnft.com>

Era Swap NFT is a platform deeply integrated with blockchain, focusing on various art forms such as music, film, domains, and digital art. Users can list and trade their artworks for Era Swap tokens within the Era Swap Decentralized Ecosystem, which comprises multiple interconnected platforms, including Era Swap NFT.





The Era Swap Wallet is a Cryptocurrency Security Standard (CCSS) compliant Hierarchical Deterministic decentralized web wallet (HD Wallet) that provides support for storing various digital assets, including ES Native, WES, Ethereum, and any ERC20 token.

- Hierarchical Deterministic Wallet (HD Wallet): Utilizes a HD structure for enhanced security and organization.
- Multiple Digital Assets Cold Storage (Online & Offline): Supports various digital assets and employs both online and offline cold storage mechanisms.
- Crypto Currency Security Standard (CCSS): Adheres to CCSS protocols to ensure robust security.
- Private Keys Stored Only with the User: Ensures maximum security by storing private keys exclusively with the user.



ADVANTAGES OF ERA SWAP WALLET TO ERA SWAP COMMUNITY MEMBERS

Single Sign-On to Era Swap Ecosystem (SSO): Offers convenient access to all Era Swap Ecosystem platforms.

Integration with ESE: Integrates with Era Swap Ecosystem platforms, allowing users to receive rewards and benefits seamlessly.

Self-Control: Provides users with control and privacy, as private keys are retained by the user.

Mapping through Dashboard: Connects with users' usage, utility, rewards, and referrals through the Era Swap Wallet Dashboard.

Holds ES Native & WES Tokens: Securely stores ES Native and WES/ESP Tokens.

Access to Multiple Utility Platforms: Offers access to various utility platforms of the Era Swap Ecosystem that accept Era Swap (ES).

The Era Swap Wallet brings the additional advantage of unified access to multiple Era Swap Ecosystem utility platforms, all of which accept Era Swap (ES). Users can access these platforms through the wallet dashboard, providing a comprehensive overview of their usage and activities.

For step-by-step guidance, you can check out the demo video.

https://youtu.be/y5KBW_K2RtM?si=21U0oshSBJFueXLO





Throughout history, humans have exchanged various assets for utility, and the internet has made it easier to match asset owners and seekers. However, traditional centralized platforms for freelancing and service exchanges come with their own set of problems. Time Swappers addresses these issues using smart contracts to facilitate transactions between buyers and sellers in a decentralized and transparent way.

Key Problems with Traditional Centralized Platforms:

- High intermediary and middlemen charges.
- Lack of direct communication between buyers and sellers.
- Inefficiency in distributing value within the ecosystem.
- Manipulated reviews, opaque rewards, and dispute settlements.
- High costs for buyers and limited savings for sellers.
- Unequal treatment of users in the system.



How Time Swappers Solves These Problems:

- Utilizes smart contracts for transparent and secure transactions.
- Eliminates intermediaries, reducing fees by up to 99% compared to traditional platforms.
- Enables direct communication between buyers and sellers.
- Redistributes value generated among stakeholders in the blockchain ecosystem.
- Provides unmanipulated reviews, transparent rewards, and dispute settlements.
- Lowers costs for buyers and increases savings for sellers.
- Ensures equal treatment for every subscriber and user.



Benefits of Blockchain:

Transparency: Smart contracts create transparent and traceable transactions.

Security: Blockchain ensures data security and integrity.

Decentralization: Transactions occur directly between parties without intermediaries.

Efficiency: Smart contracts automate processes, reducing manual intervention.

Trust: Immutable records and transparency build trust among users.

Time Swappers Platform: Time Swappers enables buyers and sellers to directly search, communicate, and exchange services in a peer-to-peer format. It offers a marketplace designed to create new self-employment opportunities. With the power of blockchain technology, Time Swappers aims to overcome the challenges associated with traditional marketplaces. The upcoming release of Time Swappers Version 2 on the Era Swap Blockchain is expected to further enhance and streamline these capabilities.

For step-by-step guidance, you can check out the demo video:

https://youtu.be/U5y_Nw51AnA?si=Z66T5Wjv5S2WzJ-p





Era Swap empowers a unique referral and affiliate program called Day Swappers, designed to reward community members for promoting the Decentralized Ecosystem of Era Swap. This program encourages users to refer individuals, increase active users, and contribute to the overall growth of the Era Swap community.

Key Features of Day Swappers:

- Day Swappers earn rewards for exchanging services within their day-to-day lives as either service providers or seekers.
- Day Swappers contribute to expanding and maintaining multiple platforms within the Era Swap Ecosystem.
- Anyone can become a Day Swappers and create multiple Day Swappers.
- Day Swappers play various roles including recruiters, coaches, mentors, motivators, and champions in their circles and communities.

Who Can Be a Day Swappers:

- The primary role of a Day Swappers is to use various Era Swap Ecosystem platforms to exchange services in their daily lives and refer their communities to these platforms.
- Day Swappers can work and contribute from anywhere based on their availability.

Roles and Responsibilities of a Day Swappers:

- By actively exchanging services on multiple Era Swap Ecosystem platforms.
- Introducing new members to various platforms within the Era Swap Ecosystem.
- Remaining active with a minimum exchange of services or transactions of 100 Era Swap (ES) tokens each calendar month on multiple platforms, as per the Influence Chart.
- Completing the KYC process on the Day Swappers platform to become eligible for Day Swapper Rewards.
- Day Swappers can earn rewards of up to 10% of the New Released Token (NRT) pool based on Total Fee Collection (TFC) generated from various platforms through their active community members.

Additional Information:

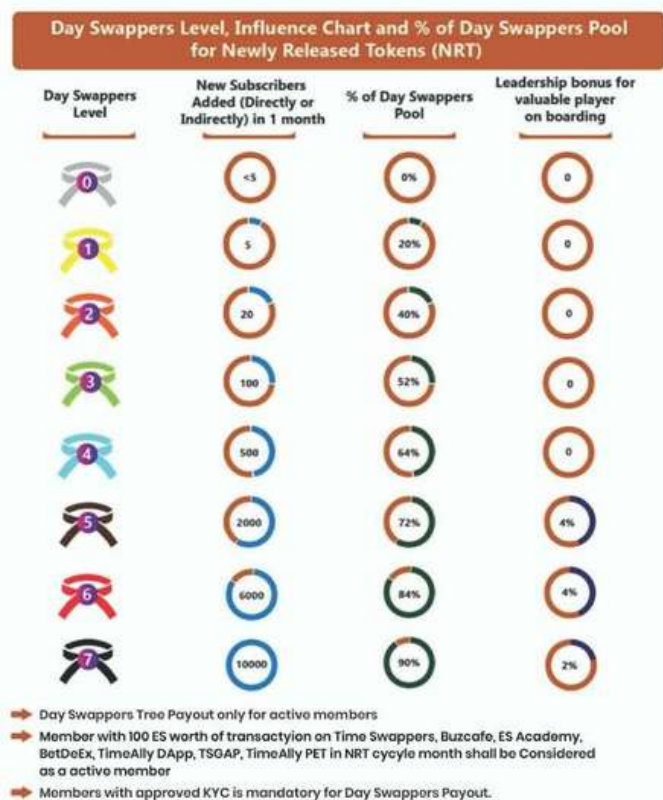
- Day Swappers platform: Day Swappers
- Listing reward for the first 34,000 KYCs per month.
- 1% NRT reward allocated to both Time Traders and Day Swappers, up to 1.19 billion ES transactions each month. Adjustments are made if transactions exceed this limit.
- Day Swappers Tree Rewards allocated as per the NRT Chart to active users with a minimum of 100 ES transactions.
- NRT release decreases by 10% annually.
- KYC is mandatory for reward allocation.

For more information and step-by-step guidance, you can watch the demo video:

https://youtu.be/vzbsfT_QF5Q?si=wMLR5n3YEIBQhAox



DAY SWAPPERS INFLUENCE CHART



DIRECT AND INDIRECT INCENTIVES ALLOCATION IN ES

Day Swappers Incentive	Based on Transactions done in EraSwap Ecosystem Platforms								
Platforms	Platform Fuel Collected	% in Burning	10% in Charity	Total Guaranteed Reward	Seller's Introducer Incentive	Incentive to Seller tree	Buyer's Introducer Incentive	Incentive to Buyer tree	
TimeSwappers	1.00%	0.10%	0.10%	0.80%	20.00%	20.00%	20.00%	20.00%	
Buzcafe	1.10%	0.10%	0.10%	0.80%	20.00%	20.00%	20.00%	20.00%	
BetDeEx	1.00%	0.10%	0.10%	0.80%	-	-	40.00%	40.00%	
*VOF	1.00%	0.10%	0.10%	0.80%	20.00%	20.00%	20.00%	20.00%	
*PoolinDAPP	1.00%	0.10%	0.10%	0.80%	20.00%	20.00%	20.00%	20.00%	
*ComputeEX	1.00%	0.10%	0.10%	0.40%	-	-	20.00%	20.00%	
*KMX	1.00%	0.10%	0.10%	0.40%	-	-	20.00%	20.00%	
RentingDAPP	1.00%	0.10%	0.10%	0.80%	20.00%	20.00%	20.00%	20.00%	
BookingDAPP	1.00%	0.10%	0.10%	0.80%	20.00%	20.00%	20.00%	20.00%	
CureDAPP	1.00%	0.10%	0.10%	0.80%	20.00%	20.00%	20.00%	20.00%	
CertiDAPP	1ES	0.1ES	0.1ES	0.8ES	20.00%	20.00%	20.00%	20.00%	
*RecyclingDAPP	1.00%	0.10%	0.10%	0.80%	20.00%	20.00%	20.00%	20.00%	
Eraswap Academy Marketplace	1.00%	0.10%	0.10%	0.80%	20.00%	20.00%	20.00%	20.00%	
SurveysDApp	1ES	0.1ES	0.1ES	0.8ES	20.00%	20.00%	20.00%	20.00%	

Terms & Conditions:

*Currently Platform yet to be deployed

Listing reward shall be provided to first 34000 KYCs per month.

1% NRT reward shall be allocated to Time Traders and Day Swappers up to 1190 million ES transactions every month. If transactions are more than 1190 million ES then rewards will be readjusted to be allocated proportionally

Day Swappers Tree Rewards shall be allocated as per NRT Chart only to Active users with minimum 100 ES transaction

NRT release reduces by 10% every year

KYC is mandatory for allocation of reward





TimeAlly Club is an exclusive membership program within the Era Swap Community that offers premium benefits and rewards on TimeAlly Products. This club provides a structured framework with nine distinct categories: Coral, Silver, Pearl, Gold, Platinum, Sapphire, Diamond, Emerald, and Ruby, each offering varying degrees of rewards and advantages.

Key Features of TimeAlly Club:

Nine Membership Categories: TimeAlly Club offers membership in nine different categories, providing members with a range of rewards and benefits based on their selected tier.

Reward Distribution: All rewards provided by TimeAlly Club are split into two parts: 50% in Wrapped Era Swap (WES) tokens and 50% in stakes.

Flexibility in Withdrawals: Members can withdraw ES Natives in the form of Wrapped Era Swap (WES) or Era Swap Prepaid (ESP) with 100% IssTime limit. Additionally, withdrawals in 1LT Stakes can be made with a 125% IssTime limit.

TimeAlly Club Membership

Membership Level	Total Staking Business in Month (ES)	TimeAlly PET		TSGAP		TimeAlly 1 Life Time	
		Direct Bounty	Day Swappers Tree	Direct Bounty	Day Swappers Tree	Direct Bounty	Day Swappers Tree
		Introducer Benefit in ES %	Day Swappers Active in ES %	Introducer Benefit in ES %	Day Swappers Active in ES %	Introducer Benefit in ES %	Day Swappers Active in ES %
Coral	<35000	9.00%	9.00%	9.00%	9.00%	5.50%	6.00%
Silver	35000 - 49999	9.00%	9.00%	9.00%	9.00%	6.50%	6.00%
Pearl	50000 - 74999	9.00%	9.00%	9.00%	9.00%	7.50%	6.00%
Gold	75000 - 99999	9.00%	9.00%	9.00%	9.00%	8.50%	6.00%
Platinum	100000	9.00%	9.00%	9.00%	9.00%	9.50%	6.00%
Sapphire	200000	9.00%	9.00%	9.00%	9.00%	10.50%	6.00%
Diamond	300000	9.00%	9.00%	9.00%	9.00%	11.50%	6.00%
Emerald	400000	9.00%	9.00%	9.00%	9.00%	12.50%	6.00%
Ruby	500000<	9.00%	9.00%	9.00%	9.00%	13.50%	6.00%

TimeAlly Club

*All rewards in Era Swap Ecosystem will be allocated only for Verified (KYC done) Era Swap users.

*For Year 3 NRT, KYC charge will be 31.5 ES. Both KYC charge and rewards will reduce by 10% every NRT year

*For every paid KYC, there will be an incentive of 31.5 WES for TimeAlly Club and Day Swappers Tree

Check Out Demo Video for Step by Step Guidance:

<https://www.youtube.com/watch?v=yG0UJM3IIVE>



Swappers Wall is an innovative platform within the Era Swap ecosystem, designed to foster a sense of community and contribution among its stakeholders. This platform encourages individuals to expand their perspective beyond personal interests and extend support to others in the community.

Key Features and Objectives:

Beyond Self-interest: Swappers Wall aims to shift the focus from individual interests to a collective approach. Era Swap 1LifeTime (1LT) stakers receive free Era Swap Power Tokens every month to donate on Swappers Wall, enabling them to contribute to others' prosperity and well-being.

Empowerment Through Contribution: By donating Power EraSwap tokens to deserving individuals, stakeholders empower others and build a cycle of reciprocity. The philosophy of "What goes around comes around" is embraced, fostering a spirit of giving within the community.

Fair Distribution: To ensure fairness and prevent misuse, senders can donate a maximum of 1% of primary Power Tokens to a single community member. This prevents concentration of tokens and favoritism.

NRT Allocation: A portion of the monthly New Released Tokens (NRT) is dedicated to distributing Power Tokens to 1LT stakeholders. These tokens are not for personal use but are meant to be used for contributing beyond one's immediate family.

Swappers Wall Interaction: When stakeholders send Power Tokens received from NRT to a post on Swappers Wall, the author of the post is credited with Wrapped Era Swap (WES) tokens. These tokens do not have an expiry date and can be used freely.



Original Content: Swappers Wall encourages original and unique content creation. Posts that are not copied or forwarded from other sources are marked as "Original." This approach ensures the authenticity and value of the content shared on the platform.

Community Engagement: In addition to token usage, Swappers Wall offers various opportunities for community members to connect, socialize, share, create and join groups, engage in private chats, refer others, and more.

Power Token Management: Stakeholders can use their Power Tokens to support positive content and discourage spam or unhealthy posts. Power tokens are spent by the sender when powering up or powering down, ensuring active engagement.

Swappers Wall serves as a dynamic platform for Era Swap community members to contribute, connect, and engage in meaningful interactions. It embodies the principles of reciprocity, community support, and authenticity, creating a vibrant ecosystem where contributions are valued and rewarded.

[Check Out Demo Video for Step by Step Guidance:](https://youtu.be/iQhNkzoYsy0?si=OEskKqVJ0xYdcUc7)

<https://youtu.be/iQhNkzoYsy0?si=OEskKqVJ0xYdcUc7>





BuzCafe, a platform within the Era Swap ecosystem, is designed to facilitate local peer-to-peer exchanges of services and products. It serves as a marketplace where users can buy and sell services through direct meet-ups, creating a convenient and localized experience for Era Swap community members.

Key Features and Objectives:

Local Peer-to-Peer Exchange: BuzCafe enables users to transact in a peer-to-peer mode by meeting up locally. Users can directly exchange services and products, fostering a sense of community engagement and convenience.

Retail Outlets Network: BuzCafe also acts as a network of retail outlets that offer exclusive deals and discounts to Era Swap community members. Users can benefit from local offers provided by participating outlets.

Merchant Listing: Shopkeepers, merchants, and traders can list their businesses, services, and products on BuzCafe with detailed information and images. They generate a QR code that users can scan for direct exchanges using Era Swap (ES).

TFC-Based Rewards: Time Traders within the Era Swap ecosystem receive rewards based on the TimeAlly Financial Contract (TFC) generated on the BuzCafe platform. These rewards are distributed as per the TFC's terms.

Promotions and Contests: BuzCafe runs promotional campaigns and contests customized to the preferences and offerings of buyers and sellers. These campaigns enhance engagement and provide additional benefits.

Listing and Campaign Charges: BuzCafe offers premium listing charges, customized paid campaigns, promotions, and advertisements. These services enhance the visibility and reach of listed businesses.

Transaction Fee and Rewards: BuzCafe charges a nominal 0.1% fee for transactions, which is distributed to both buyers and sellers in the form of rewards. These rewards also extend to introducers and their Day Swappers tree.

Incentive Announcement: Business owners can incentivize the sale of their listed products and services by offering additional incentives to ecosystem users who refer these products to their peers or other users.

BuzCafe adds value to the Era Swap ecosystem by promoting local exchanges and supporting businesses within the community. It fosters a sense of community engagement while providing users with localized benefits and discounts. This platform exemplifies the Era Swap philosophy of peer-to-peer interaction and empowerment.

[Check Out Demo Video for Step by Step Guidance:](https://youtu.be/TCcxwt_fwE?si=ijHqdlESQB4qCgfk)

https://youtu.be/TCcxwt_fwE?si=ijHqdlESQB4qCgfk





KYCDApp (Know Your Customer and Due Diligence Application) is a decentralized application introduced within the Era Swap Blockchain Network to ensure the safety of Era Swap users and uphold global norms related to Anti-Money Laundering (AML) and Combating Financing of Terrorism (CFT). The primary objective of KYCDApp is to prevent impostors, scammers, and fraudulent activities within the ecosystem by verifying users' identities and adherence to established standards.

KYC Charges & Benefits								
KYC Benefits	KYC Charge (ES)	Applicant Benefit (Staked ES)	Introducer Incentive (50% Stake & 50% ES)	Incentive to User's Day Swappers Tree (50% Stake & 50% ES)	Curators (50% Stake & 50% ES)	Tagya (50% Stake & 50% ES)	Burning (ES)	Charity (ES)
% BreakUp	100%	100.00%	20.00%	20.00%	20.00%	20.00%	10.00%	10.00%
Level 1 KYC - Identity	31.50	31.50	6.30	6.30	6.30	6.30	3.15	3.15
Level 2 KYC - Skill / Business	63	63	12.60	12.60	12.60	12.60	6.3	6.3
Level 3 KYC - Experience / Recommendation	94.5	94.5	18.90	18.90	18.90	18.90	9.45	9.45
Level 4 KYC - FOS Tagya Validation	315	315	63.00	63.00	63.00	63.00	31.5	31.5
Level 5 KYC - Online Curator Validation	5000	5000	1000.00	1000.00	1000.00	1000.00	500	500

KYC Process and Incentives:

- Users can apply for KYC on KYCDApp by spending 31.5 ES (Era Swap tokens).
- The same amount is returned to the user as TimeAlly 1LT Stake in the next NRT (New Released Token) if KYC is approved.
- KYC charges are in Liquid ES.
- KYC charges reduce by 10% each NRT year.
- Various incentives, including rewards for introducers, users' Day Swappers tree, curators, and more, are allocated from NRT based on the KYC approval process.

Key Features and Objectives:

Gatekeeper for Security: KYCDApp acts as a gatekeeper to prevent fraudulent and malicious activities by verifying users' identities. It restricts the entry of individuals engaged in fraudulent or malicious activities, ensuring a safer environment for users.

Decentralized Storage: KYCDApp securely stores user information using IPFS (InterPlanetary File System) and Elliptical Curve Cryptography in a decentralized manner, enhancing data security and privacy.

Smart Contract Criteria: By combining the immutability of blockchain and smart contracts, KYCDApp has predefined criteria to identify and flag fraudulent activities, providing an automated approach to verification.

Trust Building: KYC verification through KYCDApp fosters trust between buyers and sellers within the Era Swap ecosystem. It reduces the risk of fraud and enhances the efficiency of peer-to-peer transactions on multiple Era Swap platforms. KYCDApp can prohibit usage of user or group of linked users to access EraSwap Network if user is found with any misconduct on DApps or any Fraudulent activity.

Potential Expansion: KYCDApp's secure and organized data handling model can be extended as a solution for other organizations that require proper KYC and verification processes.

Balancing Anonymity and Security: KYCDApp strikes a balance between allowing anonymous use of digital assets and ensuring interaction and exchange with genuine users. It contributes to the long-term success of the Era Swap community by fostering a secure environment.

KYC Process and Incentives:

- Users can apply for KYC on KYCDApp by spending 31.5 ES (Era Swap tokens).
- The same amount is returned to the user as TimeAlly 1LT Stake in the next NRT (New Released Token) if KYC is approved.
- KYC charges are in Liquid ES.
- KYC charges reduce by 10% each NRT year.
- Various incentives, including rewards for introducers, users' Day Swappers tree, curators, and more, are allocated from NRT based on the KYC approval process.

Applicability and Impact:

- Certified and verified KYC is applicable for sellers on platforms like Time Swappers, BuzCafe, VoF, PoolinDApp, BookingDApp, RentingDApp, CureDApp, CertiDApp, Era Swap Academy, Faith Minus, Requestor, and Date Swappers.
- Tagya Verified KYC is applicable for platforms like BuzCafe, VoF, PoolinDApp, BookingDApp, RentingDApp, CureDApp, and CertiDApp.

KYCDApp adds a layer of security and trust to the Era Swap ecosystem by ensuring that only genuine users engage in transactions and activities. It aligns with global standards for financial security and serves as a safeguard against fraudulent behavior, contributing to the overall integrity of the community.

Check Out Demo Video for Step by Step Guidance:

<https://www.youtube.com/watch?v=ukq5w5bO5Sc>



In today's world, centralized platforms often leave users feeling uneasy, with hidden fees and obscured data. BetDeEx changes the game by merging Smart Contracts and Blockchain Technology to create a fair and transparent prediction platform dedicated to entertainment.

With BetDeEx, you can predict trending current events and win Era Swap Rewards without worrying about exorbitant fees cutting into your winnings. Here's how you can get started:

Step 1: Visit <https://www.betdeex.com/> or Download IDAAP from Google Play to access BetDeEx, along with other decentralized utility platforms.

Step 2: EXPLORE the platform. Discover a wide array of live events across various categories, featuring trending activities from around the globe. Whether it's Sports, Entertainment, Politics, Global Events, Science, Technology, or more, BetDeEx ensures endless entertainment. And if you have a category in mind that's not listed, share it on Swappers Wall – your suggestion might just become a reality.



Step 3: Choose an event and category that piques your interest. Take a chance or simply revel in the thrill. Once you've selected a category, explore the available predictions. Make your choice: "Yes", "No", or "Draw". Access valuable stats like the amount of ES placed on each option to inform your prediction.

Step 4: In the final stretch, trust your instincts. Will it be Yes? No? Draw? Choose wisely, because on the other side awaits your reward – the future value you'll claim.

Experience the revolution in prediction platforms with BetDeEx. Join us today and let the predictions begin!

Check Out Demo Video for Step by Step Guidance:

<https://youtu.be/QBv7dXIkFCA?si=P6B5jltfQyw7w7le>

AUTHENTIC AND SECURE BLOCKCHAIN-BASED CERTIFICATE ISSUANCE

CertiDApp, developed by Blocklogy Edutech, is an open-source platform designed to empower institutions, colleges, and organizations to issue durable digital certificates powered by blockchain technology. This platform ensures reliable and secure issuance of certificates, providing transparency and verifiability to the concerned parties.

Unique Aspects of CertiDApp:

- CertiDApp introduces a novel approach to certificate issuance by integrating blockchain technology, cryptography, and secure storage. This uniqueness sets it apart from traditional certificate issuance methods.
- The platform's reliance on blockchain ensures the certificates' long-term durability and trustworthiness, making it a valuable asset for both issuers and recipients.
- By enabling transparent verification, CertiDApp enhances the credibility of the certificates, making them more valuable in the eyes of employers, educational institutions, and other stakeholders.



Key Features and Benefits:

Blockchain-Powered Certificates: CertiDApp leverages the Ethereum blockchain's immutability and IPFS (Interplanetary File System) decentralized file storage to issue certificates. This ensures that certificates are tamper-proof and securely stored, maintaining their integrity over time.

Elliptic Curve Cryptography: CertiDApp employs Elliptic Curve Cryptography, a robust encryption technique, to enhance the security and privacy of certificates and related data.

Transparent Verification: Using CertiDApp, anyone can easily verify the validity of certificates issued through the platform. The blockchain's transparency and immutability guarantee the accuracy and authenticity of the certificates.

KYC-Approved Issuers: Certificate issuers are required to have KYC-approved accounts along with verified documents accessible through the CertiDApp Portal. This adds an additional layer of trust and accountability to the certificate issuance process.

Efficient Certificate Issuance: CertiDApp provides a streamlined and efficient process for organizations to issue digital certificates. This saves time and resources while ensuring the certificates' authenticity.

Organizational Friendliness: The platform is designed to be user-friendly and organization-friendly, catering to the needs of educational institutions, colleges, and organizations. It offers a convenient and reliable way to manage and issue certificates.

CertiDApp aligns with the broader trend of using blockchain technology to enhance security, transparency, and efficiency in various industries. Its implementation within the Era Swap ecosystem contributes to the ecosystem's credibility and reliability by offering a secure and tamper-proof way to issue and verify digital certificates.

Check Out Demo Video for Step by Step Guidance:

https://www.youtube.com/watch?v=yfKvbAJQ_eY



SurveysDApp: Enhancing Surveys with Blockchain-Powered Features

SurveysDApp, introduced by Era Swap, is a groundbreaking tool designed to revolutionize the way institutions, organizations, and individuals conduct surveys. Powered by blockchain technology, SurveysDApp offers a range of features and benefits that enhance the security, transparency, and effectiveness of survey processes.

Key Features and Benefits:

Multi-Purpose Surveys: SurveysDApp caters to various survey types, including employee satisfaction, research, feedback, and more. This versatility makes it a versatile tool for a wide range of applications.

Privacy Options: Users have the flexibility to choose between public and private survey settings. This ensures that surveys can be tailored to specific audiences while maintaining data privacy.

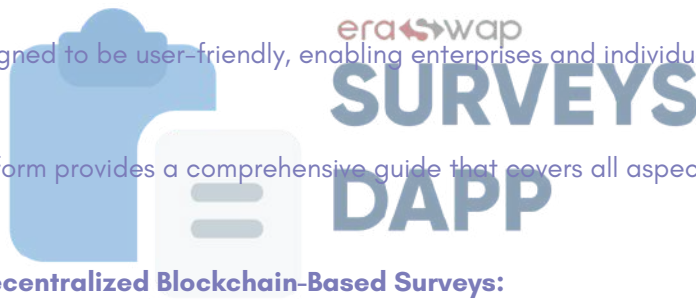
Participant Charging: SurveysDApp allows survey creators to charge participants for their involvement. This introduces a monetization aspect to surveys and incentivizes participation.

Blockchain Advantages: By harnessing the power of blockchain, SurveysDApp ensures tamper-proof records, unmatched transparency, and fraud prevention. The decentralized nature of blockchain enhances the credibility of survey results.

Permanent Records: Survey data and reports are securely stored on the blockchain, guaranteeing a trustworthy and verifiable record of survey outcomes.

Ease of Use: SurveysDApp is designed to be user-friendly, enabling enterprises and individuals alike to create, manage, and distribute surveys seamlessly.

Comprehensive Guide: The platform provides a comprehensive guide that covers all aspects of the survey process, from creation to result analysis.



Three Principles of Era Swap Decentralized Blockchain-Based Surveys:

- 1. Setting Up the Survey Form:** This step involves creating the survey, formulating questions, and configuring settings such as privacy options and participant fees.
- 2. Communication and Employee Engagement:** Effective communication strategies are vital for encouraging participant engagement and survey completion.
- 3. Utilizing Survey Results:** Era Swap Survey results offer valuable insights that can be used to initiate meaningful discussions and implement positive changes within an organization.

Audience and Importance: The guide offered by SurveysDApp is targeted at survey administrators, company leaders, and managers. This comprehensive guide equips them with tools, best practices, and strategies to ensure successful survey implementation and result analysis.

Additionally, the guide emphasizes the importance of naming surveys thoughtfully, as the chosen name has a significant impact on employee engagement. The name should be specific, concise, and relevant to ensure clarity and understanding across different stages of the survey process.

In conclusion, SurveysDApp sets a new standard for surveying by integrating blockchain technology to enhance security, transparency, and overall survey experience. This tool aligns with Era Swap's commitment to providing innovative and decentralized solutions that empower individuals and organizations.

Check Out Demo Video for Step by Step Guidance:

<https://www.youtube.com/watch?v=bQ9KigMrNS0>





EMPOWERING SKILL DEVELOPMENT THROUGH A GLOBAL EMART

Era Swap Academy is a revolutionary platform designed to facilitate skill development on a global scale. By offering a diverse range of courses and training content, Era Swap Academy empowers learners to enhance their skills and knowledge, thereby increasing employability and efficiency. This platform operates as a marketplace where Subject Matter Experts (SMEs) list their courses and training materials, enabling learners worldwide to access valuable educational resources.

Key Features and Benefits:

- **Global eMart for Skill Development:** Era Swap Academy serves as a global eMart where SMEs can list their courses and training content. Learners from around the world can then enroll in these courses to acquire new skills.
- **Peer-to-Peer Learning:** The platform facilitates Peer-to-Peer (P2P) learning by connecting SMEs directly with learners. This direct interaction enhances the learning experience and ensures that courses are tailored to meet learners' needs.
- **Real-World Relevance:** Courses and curriculum are continuously updated to reflect real-world scenarios and practical exposure. This ensures that learners are equipped with the latest skills that are applicable in various industries.
- **Partnerships with Experts:** Era Swap Academy collaborates with experts in cutting-edge technologies such as Blockchain, Data Analytics, AI, and ML. This partnership ensures the availability of high-quality courses on these next-generation subjects.
- **Customized Courses:** TechnoIngress, a specialized offering by Era Swap Academy, provides comprehensive courses covering topics from basics to expert levels in areas such as Blockchain, AI, ML, Testing, Security, and Networking.
- **Incentive Structure:** A 1% fuel fee from course purchases is redistributed to buyers, sellers, introducers, and their Day Swappers tree, creating a self-sustaining ecosystem.

Partnership with Blocklogy Edutech: Era Swap Academy has partnered with Blocklogy Edutech to offer courses on emerging technologies like Blockchain, AI, ML, and more. This collaboration ensures that learners have access to courses that align with the forefront of technological advancements.

Empowering Learners and SMEs: Era Swap Academy serves as a hub for both learners and SMEs. Learners benefit from a wide range of courses that enhance their skill sets, while SMEs have the opportunity to share their expertise and contribute to the development of the global workforce.

In Conclusion: Era Swap Academy is more than just an eMart; it's a platform that fosters knowledge exchange and skill enhancement. By connecting learners directly with SMEs, offering diverse courses, and partnering with experts, Era Swap Academy is shaping the future of skill development and education, making it more accessible and relevant for individuals and industries worldwide.





Decentralized Data Storage and Sharing

ESCloud is a groundbreaking platform that leverages the power of blockchain and IPFS (InterPlanetary File System) to create a decentralized and secure network for storing and sharing data. It is designed to address the challenges posed by centralized cloud storage providers by offering a more robust, affordable, and user-centric solution.

Key Features and Benefits:

Decentralized and Secure Network: EScCloud operates on a decentralized and peer-to-peer network, ensuring that no single entity has control over the data. This decentralization enhances security and eliminates the risk of a single point of failure.

Data Privacy and Encryption: All files uploaded to EScCloud are encrypted with a secret key on the client side. This means that the storage nodes hosting the files have no knowledge of the actual content, ensuring the privacy and security of the stored data.

Distributed Architecture: Every file stored on EScCloud is distributed across the network, making it accessible from any peer within the ES network. This distributed architecture enhances reliability and availability.

Transparent Transactions: EScCloud employs blockchain technology to log upload and download transactions. This transparency ensures that every action taken within the platform is recorded and verifiable on the blockchain.

Efficient and Fast: IPFS's distributed architecture, coupled with enhancements in IPFS 0.5.0, results in faster data retrieval and sharing. This efficiency leads to lower bandwidth usage and faster data transfer.

P2P Storage Marketplace: EScCloud introduces a unique marketplace where users can buy and sell unused storage capacities using the platform's native cryptocurrency (ES). This peer-to-peer approach eliminates intermediaries and provides cost-effective storage solutions.

How EScCloud Works:

Renters:

- Renters lease storage capacities from hosts using ES tokens.
- They can set their own storage fees directly with the hosts.
- They encrypt and protect their files, ensuring data security.
- They have control over their data's privacy and access.

Hosts:

- Hosts offer storage resources and quality of service to renters.
- They can accept or decline storage requests based on various criteria.
- Hosts receive ES tokens from renters in exchange for storage services.
- Hosts can promote their services to attract more renters.

Integration with DApps: EScCloud seamlessly integrates with DApps, allowing developers to secure their applications by utilizing the platform's decentralized data storage capabilities.

In Conclusion: EScCloud represents a paradigm shift in data storage and sharing. By combining blockchain and IPFS technologies, it creates a secure, efficient, and transparent ecosystem where users can store and share their data without compromising privacy. As a decentralized storage marketplace, EScCloud empowers both renters and hosts fostering a new era of peer-to-peer data management.

Check Out Demo Video for Step by Step Guidance: <https://www.youtube.com/watch?v=YYlt7SySXc4>

EraSwap.cloud



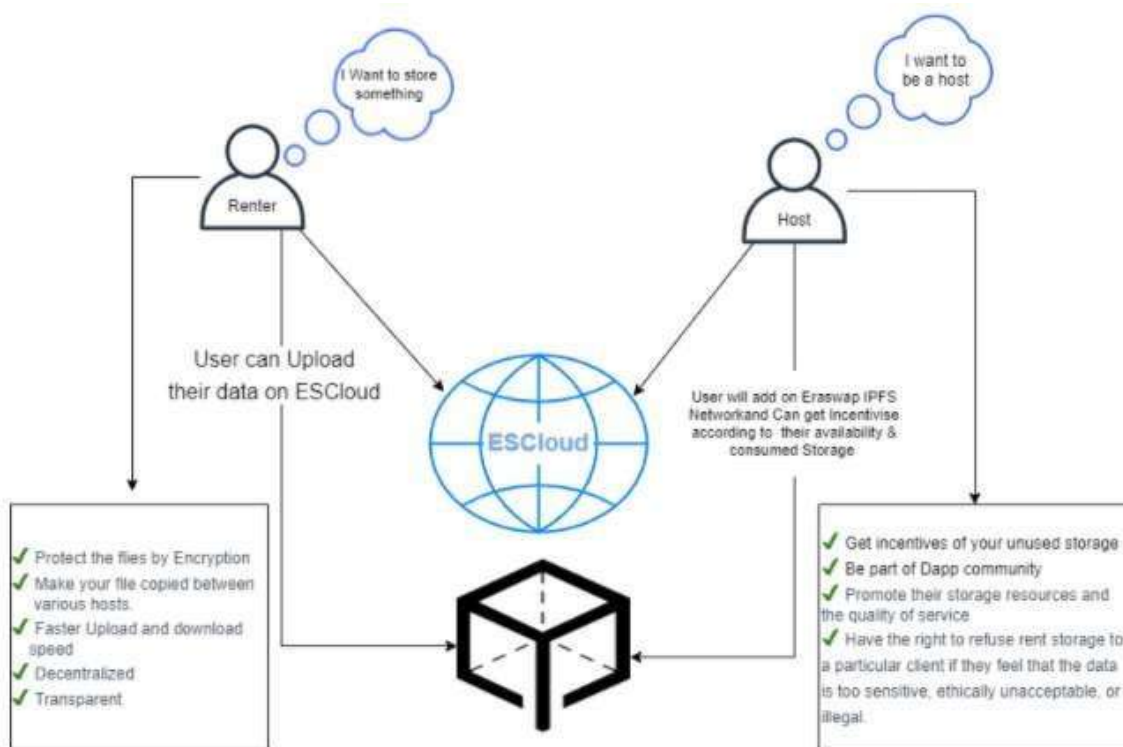
	Decentralize Storage	Centralized Storage	ESCloud
Personal data is in centralized power (censorship)	✗	✓	✗
Data can't be manipulate	✓	✗	✓
Data Privacy	✗	✓	✓
Data can be harm by a malicious host	✗	✓	✓
Data Mismanagement	✓	✗	✓
pay-as-you-use	✗	✗	✓



eraswap



EraSwap.cloud



Check Out Demo Video for Step by Step Guidance: <https://www.youtube.com/watch?v=YYlt7SySXc4>



Empowering the Farming Community

Value of Farmers (VoF) is an integral part of the Era Swap ecosystem that aims to revolutionize the farming industry by providing a comprehensive platform for farmers, agri-experts, and stakeholders. VoF is designed to offer a single-window solution to the farming community through an accessible web and mobile app, fostering transparency, connectivity, and fair pricing.

Key Features and Benefits:

Peer-to-Peer Exchange: VoF facilitates a decentralized marketplace for farmers, enabling them to sell their post-harvest produce directly to local and urban markets. This eliminates the need for intermediaries and ensures that farmers receive fair prices for their products.

Connectivity Across Ecosystem: VoF brings together various stakeholders of the farming ecosystem under one roof. From seed and fertilizer merchants to agri-equipment sellers, all players are connected through the platform, promoting a collaborative and efficient agri-ecosystem.

Krishitagya: Krishitagya is a crucial feature of VoF, where experts in the farming domain or educated individuals from villages can list themselves as agri-experts. They offer assistance to farmers by providing advice, uploading soil records, suggesting farming methods, and facilitating various processes within the ecosystem.

Advanced Selling of Produce: Farmers can sell their crop produce in advance by sharing comprehensive details of their farming process and cycle. Buyers purchase the produce beforehand, ensuring farmers receive timely payments. Blockchain-powered smart contracts hold payments in escrow and release them upon achieving milestones.

Tools Swapping: Farmers can exchange or rent out farming tools and equipment through VoF's Tools Swapping feature. This ranges from small tools to heavy machinery. Lenders can list their equipment, and borrowers can find and exchange services using Era Swap utility tokens.

Farming Land Registry: Krishitagya validates and registers land details on the blockchain. This registry enables farmers to use their land as collateral for loans, leases, or sales within the ecosystem. Guarantors from the Era Swap ecosystem back up farmers' assets.

Soil Prediction and Statistics: Krishitagya assists farmers in updating soil testing reports on the VoF app. These reports provide valuable insights into soil conditions, helping farmers make informed decisions about which crops to sow. The recorded data becomes crucial for future planning and insights.

Incentives: VoF encourages engagement by offering incentives through Era Swap utility tokens. A percentage of the fuel used for exchanges is rewarded back to buyers, sellers, introducers, and their Day Swappers tree.

In conclusion, Value of Farmers (VoF) plays a pivotal role in transforming the farming landscape by providing farmers with a comprehensive and user-friendly platform for selling produce, renting equipment, receiving expert advice, and fostering collaboration. By utilizing blockchain technology, VoF aims to make the farming ecosystem more transparent, efficient, and empowering for all its stakeholders.

Check Out Demo Video for Step by Step Guidance: <https://youtu.be/qwMF20nkMAU?si=7mJB3L0LQbWwllcY>





A Safe and Secure Peer-to-Peer Dating Platform

Date Swappers is a decentralized online platform that aims to create a secure peer-to-peer meet-up and social dating ecosystem. The platform allows users to create profiles, view profiles of others within the network, and set up meet-ups with the added security of staking Era Swap (ES) tokens. This innovative approach addresses common issues faced by users of online meeting and dating applications, such as fake profiles and no-shows for meetings.

Key Features and Benefits:

Secure and Authentic Profiles: Date Swappers ensures the authenticity of profiles by incorporating face verification and profile checks. This feature enhances the security of the platform and mitigates the risk of encountering fake profiles.



Peer-to-Peer Meet-Up System: Users can establish meet-ups by setting a meeting time and place through the app. By requiring both parties to stake ES tokens as security, Date Swappers ensures that both individuals are committed to attending the scheduled meet-up.



Elimination of Fake Profiles and Scammers: The use of staked ES tokens as security eliminates the problem of non-appearing parties and scammers. If one party fails to show up for the meet-up, the staked tokens are transferred to the other party. This discourages fraudulent behavior and creates a safe and reliable environment.



Decentralized Environment: Date Swappers operates on a decentralized framework, providing users with transparency and privacy protection. This decentralized approach ensures that the platform is not controlled by a single entity, promoting fairness and security.



Incentives Through Era Swap Tokens: The platform encourages user engagement by offering incentives in the form of Era Swap utility tokens. A portion of the fuel used for transactions within the platform is rewarded back to buyers, sellers, introducers, and their Day Swappers tree.



Benefits of ES Staking:

- ES staking adds a layer of security to meet-ups, ensuring that both parties are committed to attending.
- Staked ES tokens act as collateral and are transferred to the attending party in case of a no-show.

Conclusion: Date Swappers provides a unique and secure solution to the challenges associated with online dating platforms. By utilizing blockchain technology and staking mechanisms, the platform creates a trust-based ecosystem that promotes genuine interactions and discourages fraudulent activities. Users can confidently connect and meet up with others, knowing that the security of their meet-ups is ensured through the staking of Era Swap tokens.

Check Out Demo Video for Step by Step Guidance: https://youtu.be/1W9x1MaLLr8?si=xX_it7fcKjGtFJ0-





Secure and Transparent Peer-to-Peer Leasing Platform

RentingDApp is a decentralized peer-to-peer leasing platform designed to revolutionize the rental ecosystem. This platform allows individuals to list their assets for rent without the need for intermediaries or third parties, enhancing the convenience, security, and cost-effectiveness of the entire rental process. By utilizing blockchain technology, RentingDApp ensures a seamless and transparent experience for both lenders and borrowers.

Key Features and Benefits:

Direct Peer-to-Peer Transactions: RentingDApp eliminates the need for intermediaries by enabling direct interactions between asset owners and borrowers. Lenders can list their assets on the platform, and borrowers can approach lenders directly to initiate rental agreements.

Enhanced Security and Trust: To address concerns about the security and reputation of rented assets, RentingDApp implements a staking mechanism. Borrowers stake Era Swap (ES) tokens in escrow, acting as collateral to safeguard the lender's interests. In case of any damage to the asset, the staked ES can be used to compensate the lender.

Decentralized Dispute Resolution: In case of disputes between buyers and sellers, RentingDApp leverages Era Swap's decentralized dispute management system, Faith Minus. This ensures a fair and trustless resolution process.

Wide Range of Rentable Assets: Users can list a variety of personal assets for rent in a peer-to-peer manner, such as apartments, houses, garden equipment, parking spaces, household items, accessories, furniture, electronics, clothing, and more.

Incentives Through Era Swap Tokens: The platform encourages user engagement by offering incentives in the form of Era Swap utility tokens. A portion of the fuel used for transactions within the platform is rewarded back to buyers, sellers, introducers, and their Day Swappers tree.

Transparency and Trustlessness: RentingDApp employs smart contracts on the blockchain to ensure transparency and trust in the rental process. The use of smart contracts automates key aspects of the transaction and reduces the need for intermediaries.

Conclusion: RentingDApp introduces a groundbreaking approach to peer-to-peer leasing, addressing the challenges posed by centralized platforms, security concerns, and high middleman charges. By enabling direct interactions, enhancing security through staking, and utilizing blockchain technology, RentingDApp creates a secure, transparent, and efficient ecosystem for individuals to rent their assets and engage in mutually beneficial transactions. Users can confidently participate in the rental process, knowing that their interests are protected through smart contracts and the use of Era Swap tokens.

Check Out Demo Video for Step by Step Guidance: <https://youtu.be/JOc36G3zrMo?si=9gL6B7iJGcOEyS6N>





Peer-to-Peer Ticket Booking Platform

BookingDApp, introduced by Era Swap, is a revolutionary solution for the booking of tickets for events, sports, travel, shows, and more. In a world where centralized booking platforms often charge high fees to both buyers and sellers, BookingDApp stands out by offering a decentralized peer-to-peer mode for ticket booking.

Key Features and Benefits:

- 1. Peer-to-Peer Booking:** BookingDApp operates as a peer-to-peer platform where users can book tickets directly without intermediaries. This eliminates the need for third-party platforms and reduces costs for both buyers and sellers.
- 2. Staking Mechanism:** BookingDApp employs a unique staking mechanism that requires users to hold and lock Era Swap (ES) tokens to access the platform's services. These staked tokens are used to facilitate peer-to-peer transactions for booking tickets, availing discounts, making payments, and more.
- 3. Event Listings by Organizations:** Event organizers, enterprises, and service providers can list their events, services, and offerings on the BookingDApp platform. Buyers can explore these listings, view details, and purchase tickets using Era Swap tokens.
- 4. Refund Options:** Buyers have the flexibility to choose events for which they will be eligible for refunds in case of cancellations. Event organizers specify the terms and conditions related to refunds, and buyers can decide accordingly.
- 5. Cancellation and Refunds:** In case a buyer cancels a booking, a portion of Era Swap tokens will be deducted from the booking amount as per the specified time-frame, and the remaining balance will be refunded. Additionally, event organizers can stake Era Swap tokens as security against event cancellations. If an event is canceled, ticket bookers receive refunds from the staked amount.
- 6. Incentives and Rewards:** A portion of the fuel used for transactions within the platform is rewarded back to buyers, sellers, introducers, and their Day Swappers tree. This encourages user engagement and participation within the ecosystem.

Conclusion: BookingDApp addresses the challenges posed by centralized ticket booking platforms by introducing a decentralized, peer-to-peer approach. With a staking mechanism, refund options, transparency in terms and conditions, and the use of Era Swap tokens, the platform ensures a secure, cost-effective, and convenient experience for both buyers and sellers. BookingDApp empowers users to take control of their ticket booking process and provides a trustless environment for engaging in ticket transactions.

Check Out Demo Video for Step by Step Guidance: <https://youtu.be/1yUs0u3Y-ak?si=loTlfmCAucSbQEU>





Decentralized P2P Ride-Sharing Platform

PoolinDApp is a groundbreaking decentralized peer-to-peer ride-sharing application that brings together vehicle owners and riders in a seamless and secure ecosystem. This platform enables both parties to exchange services directly without any intermediaries, ensuring a cost-effective and efficient ride-sharing experience.

Key Features and Benefits:

1. Vehicle Owner Listing: Vehicle owners can list their ride-sharing services on PoolinDApp. They are required to complete the Know Your Customer (KYC) process to ensure transparency and security within the platform. Once verified, vehicle owners can start taking riders.

2. Direct Rider-Owner Interaction: Riders can explore the available ride-sharing options listed by vehicle owners. They can search for rides that match their destination and preferences, allowing them to make informed choices.

3. Staking Mechanism: PoolinDApp is powered by Era Swap (ES) tokens and employs a unique staking mechanism. Both drivers and riders need to hold and lock-in Era Swap tokens to use the platform and perform peer-to-peer transactions. These tokens facilitate ride transactions, payments, and more.

4. Elimination of Intermediaries: Unlike traditional ride-sharing platforms with multi-layer middlemen and high fees, PoolinDApp enables direct exchange of ride-sharing services between buyers (riders) and sellers (vehicle owners) using Era Swap tokens.

5. Smart Chart and Smart Assign: PoolinDApp utilizes machine learning algorithms to analyze data from the blockchain ledger. This allows for better insights into driver performance and helps match riders with drivers based on ride preferences.

6. Decentralized Dispute Resolution: In case of any disputes between riders and drivers, PoolinDApp offers a Decentralized Dispute Management system called Faith Minus for fair and trustless dispute resolution.

7. Incentives and Rewards: Car owners and drivers can offer additional incentives to promote their ride-sharing services. This innovative approach encourages user engagement and rewards within the ecosystem.

8. Continuous Improvement: PoolinDApp is committed to enhancing the platform by adding more features that promote regular ride-sharing among peers and ecosystem users.

Conclusion: PoolinDApp disrupts the traditional ride-sharing model by offering a decentralized, transparent, and secure platform for vehicle owners and riders to exchange services directly. With its staking mechanism, smart algorithms, dispute resolution system, and rewards, PoolinDApp creates a trustless environment for ride-sharing transactions. By utilizing Era Swap tokens, users can experience cost-effective, efficient, and innovative peer-to-peer ride-sharing.





Decentralized Coupon and Messaging Platform

CouponDApp is a revolutionary initiative that allows users to gift Era Swap (ES) tokens to their loved ones, even if they are new to the world of blockchain and crypto wallets. This platform operates on Era Swap's decentralized network, eliminating the need for central authorities and unnecessary intermediaries. By leveraging blockchain technology, CouponDApp enables users to transact ES tokens in their daily activities, ensuring cost-effective and middlemen-free transactions of value and services.

Key Features and Benefits:

1. Gifting ES Tokens: CouponDApp enables users to gift Era Swap (ES) tokens to their friends and family, even if they are not familiar with blockchain or crypto wallets. This simplifies the process of introducing people to the world of cryptocurrencies.

2. Decentralized Network: Operated on Era Swap's decentralized network, CouponDApp removes the need for central authorities, intermediaries, and international transaction charges. This ensures a seamless and cost-effective way to transact ES tokens.

3. Inclusive Ecosystem: Users can transact ES tokens on various Era Swap Life decentralized platforms for various day-to-day activities. This includes purchasing goods, services, or participating in other transactions within the Era Swap ecosystem.

Conclusion: CouponDApp is a game-changing platform that combines the power of gifting ES tokens with private messaging functionalities. By operating on Era Swap's decentralized network, it offers users a secure, transparent, and cost-effective way to transact ES tokens and engage in various activities within the Era Swap ecosystem. With the added feature of Hash to Hash #2# messaging, users can communicate privately while maintaining the highest level of security.

Hash to Hash Messaging: CouponDApp offers a private messaging feature called Hash to Hash #2#, which allows users to exchange messages privately through Era Swap Wallets. This messaging system does not require users to provide phone numbers or email addresses, ensuring privacy.



Secure Messaging: Hash to Hash #2# uses cryptography, compression, checksum generation, and data indexing to convert messages of any size into a fixed unique value. The messages are then transmitted through ESN distributed nodes with end-to-end encryption, making them highly secure and tamper-proof.

Check Out Demo Video for Step by Step Guidance: https://youtu.be/F_P_3tN5XM4?si=idOvrljCMpadBM-





Decentralized Health and Fitness Platform

CureDApp is an innovative health and fitness application built on blockchain technology, offering a range of utilities to its users. The platform is designed to enhance users' fitness tracking, maintain health records securely, and facilitate peer-to-peer appointments with doctors, all while leveraging Era Swap (ES) tokens for transactions and rewards.

Key Features and Benefits:

1. Fitness Tracking and Rewards: CureDApp offers a fitness tracking app that enables users to monitor their health and fitness activities. Users are rewarded in ES tokens for maintaining a regular fitness routine, such as tracking steps and staying active. The platform encourages users to prioritize their health and stay disciplined by providing rewards based on their fitness progress.

2. Secure Health Record Storage: CureDApp ensures that users' health records are stored securely on the blockchain. This eliminates the risk of losing or misplacing important medical records over time. Users can easily access their health records and share them with doctors or healthcare professionals whenever needed.

3. Peer-to-Peer Appointments: The platform allows users to book appointments with doctors or hospitals in a peer-to-peer manner. Users can choose from a list of nearby available doctors and medical professionals. Online consultations are also available through the app.

4. ES Token Transactions: CureDApp operates on Era Swap's decentralized network, enabling users to transact using ES tokens for appointments, health record access, and other services within the platform.

5. Fitness Rewards and Incentives: Users are rewarded in ES tokens for their regular fitness activities. The rewards are structured based on different fitness levels, encouraging users to maintain their routines and progress to higher levels of activity. Users can redeem these rewards for Era Swap Academy courses, skincare products, fitness products, and other items listed within the Era Swap ecosystem.

6. Blood Test Report Upload Rewards: CureDApp further incentivizes users to upload their latest blood test reports by offering 1 Era Swap token as a reward. This encourages users to share valuable health information that can be used for analysis and consultation.

Conclusion: CureDApp is a comprehensive health and fitness platform that empowers users to prioritize their well-being while benefiting from the advantages of blockchain technology. By offering fitness tracking, secure health record storage, peer-to-peer appointments, and ES token rewards, CureDApp creates a holistic ecosystem for users to manage their health and fitness effectively. Users can transact, track progress, and access healthcare services seamlessly while earning rewards for their dedication to maintaining a healthy lifestyle.

Check Out Demo Video for Step by Step Guidance: <https://youtu.be/Jt5IL-kRt9M?si=8DbJMu0PNyFe9S2x>





Empowering Peer-to-Peer Resource Exchange on Era Swap Blockchain

RecyclingDApp is an innovative platform designed to facilitate peer-to-peer resource exchange among households, leveraging the power of smart contracts deployed on the Era Swap Blockchain. The platform aims to enable efficient and secure trading of various resources, including surplus energy, refueling/recharging facilities, batteries, parking spaces, co-sharing spaces/storage facilities, and emergency support points.

Key Features and Objectives:

1. Peer-to-Peer Resource Exchange: RecyclingDApp creates a decentralized environment where households can directly trade their surplus resources with each other. This eliminates the need for intermediaries and encourages a more efficient utilization of available resources within a community.

2. Surplus Energy Trading: One of the primary goals of RecyclingDApp is to develop a decentralized marketplace for prosumers (producer-consumers) to trade renewable energy at better prices. This encourages the distributed generation of power, giving consumers greater control over their energy consumption and pricing. By trading surplus energy within the community, households can reduce waste and contribute to a greener environment.

3. Secure and Green Era Swap Blockchain: All resource exchanges on RecyclingDApp occur on the Era Swap Blockchain. This blockchain is known for being charge-free, fast, and environmentally friendly, making it an ideal platform for peer-to-peer transactions and resource trading.

4. Empowering Consumers: RecyclingDApp empowers consumers by providing them with control over their resources and enabling them to participate in a shared economy. By exchanging resources directly, households can benefit from reduced costs and enhanced resource utilization.

5. Future Vision: In the future, RecyclingDApp envisions expanding its platform to create a decentralized marketplace that supports the trading of renewable energy generated by prosumers. This marketplace will offer better pricing for energy and increase flexibility in energy trading, thereby promoting sustainable energy practices and reducing reliance on traditional energy sources.

Conclusion: RecyclingDApp is a forward-thinking platform that leverages blockchain technology to empower households to engage in efficient and secure peer-to-peer resource exchange. By facilitating the trading of surplus energy, refueling/recharging facilities, batteries, parking spaces, and more, RecyclingDApp promotes resource optimization and sustainability within communities. As it evolves into a decentralized marketplace for renewable energy, the platform aims to reshape the way energy is generated, consumed, and traded, contributing to a greener and more sustainable future.





Empowering Transparent and P2P Charitable Giving on Era Swap Blockchain

CharityDApp is a revolutionary platform that aims to reshape the landscape of charitable giving through blockchain technology. This platform is designed to allow users to create fundraising campaigns and enable people to donate Era Swap (ES) tokens directly to these campaigns. Powered by Era Swap, CharityDApp offers a transparent and decentralized peer-to-peer platform for charitable activities.

Key Features and Highlights:

- 1. Fundraising Campaigns:** CharityDApp allows users to create fundraising campaigns for various charitable causes. Individuals, organizations, and NGOs can list their cases on the platform and present their cause to the community for support.
- 2. Transparent Donations:** People who wish to donate can browse through multiple listed charity cases and choose the causes they want to support. The donations are made using Era Swap tokens, providing transparency and traceability of funds.
- 3. Accountability and Proof:** CharityDApp emphasizes the responsible use of donations. The charity applicant is required to use the donation genuinely for the intended cause and provide periodic updates and proofs of proper utilization.
- 4. Escrow Mechanism and Milestones:** The donations received by the charity applicant are held in escrow and released based on the successful achievement of pre-defined milestones. This ensures that the funds are utilized for their intended purpose.
- 5. Encouraging Needy Users and NGOs:** Genuine individuals in need can list their cases on CharityDApp to seek help from the worldwide community. NGO and charity organizations can also present their cases, credentials, and projects for community support and rating.
- 6. Full Extraction Option:** Users have the option of "Full Extraction" when creating a charity campaign. If this option is chosen, Faith Minus, a decentralized dispute management system, will review the campaign's legitimacy to determine whether funds should be raised from the Charity Pool.
- 7. Faith Minus Integration:** Faith Minus is Era Swap's multi-layer dispute resolution system, ensuring transparency and flexibility in dispute settlement across various utility platforms within the Era Swap Ecosystem.

Conclusion: CharityDApp is a transformative platform that leverages the Era Swap Blockchain to redefine charitable giving. By providing a transparent and accountable peer-to-peer platform, CharityDApp encourages individuals and organizations to support various causes and make a positive impact on society. The integration of Faith Minus further enhances transparency and fairness in dispute resolution. Through CharityDApp, Era Swap is not only redesigning the way charity is approached but also enabling individuals to contribute directly and transparently to causes they care about.

Check Out Demo Video for Step by Step Guidance: <https://youtu.be/Zx0zcR4r470?si=CrH3WNprWasw29mH>





A Transparent and Multi-Layer Dispute Management System for Era Swap Ecosystem

Faith Minus is a cutting-edge Decentralized Dispute Management System designed to provide efficient, transparent, and fair resolution of disputes across multiple utility platforms within the Era Swap Ecosystem. Operating on the Era Swap Blockchain, Faith Minus enables parties to counter and settle disputes through a multi-layer approach, ensuring full transparency and a corruption-free process.

Key Features and Workflow:

1. Dispute Resolution for Era Swap Ecosystem: Faith Minus is exclusive to the Era Swap Ecosystem, serving as a dispute resolution mechanism for various utility platforms within the ecosystem.

2. Complete Transparency and Flexibility: Faith Minus provides disputed parties with complete transparency and flexibility to resolve disputes. The process is blockchain-based, ensuring fairness and accountability.

3. Conservators and Their Role: Conservators are members of the ecosystem who play a crucial role in resolving disputes. To become a Conservator, a user must stake 10,000+ ES in the TimeAlly Curator Plan.

4. Conservator Validation and Rewards: Conservators validate KYC processes, and for their efforts, they receive 80% of the KYC fuel per KYC conducted among a group of three Conservators.

5. Dispute Initiation and Fuel Collection: The Dispute Raiser initiates the dispute and pays 2% of the disputed amount as fuel. This fuel is collected in a pool and equally distributed among the Conservators who participate in the dispute resolution process for the month.

6. Multi-Level Dispute Resolution: Faith Minus operates through multiple levels of dispute resolution:

- **Level 1** – People-Tribunal: A minimum of three Conservators participate in resolving disputes. Each Conservator receives 11 ES for their participation.
- **Level 2** – Center Tribunal: Disputed parties can involve a minimum of three curators (Conservators) or more. The Dispute Raiser pays 25 ES per Conservator as standard fuel.
- **Level 3** – Top Tribunal: This is the final level of dispute resolution, involving a minimum of three curators or more. The Dispute Raiser pays 50 ES per Conservator as standard fuel.

7. Fast Track and Turnaround Time: Faith Minus offers different turnaround times for dispute resolution:

- **Fast Track:** 96 hours, 11 ES fuel.
- **Super Fast Track:** 72 hours, 50 ES fuel.
- **Supersonic Fast Track:** 24-48 hours, 100 ES fuel.

The Dispute Raiser pays 50% of the Turnaround fuel, while the other 50% comes from the Conservator pool for Super Fast Track and Supersonic Fast Track.

era swap



Faith Minus



8. Conservator Rewards and Deductions: Conservators receive rewards through TimeAlly and Dispute Raiser's fees for their involvement in resolving disputes. A deduction of 10% is made from respective Conservator rewards if their decision goes against the majority.

9. Dispute Settlement Fuel: A 2% dispute settlement fuel is available for users who raise disputes for services.

10. Rating and Reviews: Disputed parties have the option to rate and review the Conservator's performance. If a party is not satisfied, the dispute settlement process can proceed to the next level.

Conclusion: Faith Minus is a pivotal component of the Era Swap Ecosystem, providing a fair and transparent framework for dispute resolution. With its multi-layer approach, Conservators' involvement, and various turnaround times, Faith Minus ensures that disputes are settled in an efficient and equitable manner. Through its blockchain-based system, Era Swap reinforces its commitment to building a trustful and accountable ecosystem for its users.



Faith Minus Dispute Management Process

Dispute Levels	# of Curators added by Dispute Raiser	Per Curator Fuel (ES)	Fuel borne by (Per Curator)
People Tribunal	3	11	100% by Conservator
Center Tribunal	3/5/7/9 or any Odd number of Curators	25	100% by Dispute Raiser
Top Tribunal	3/5/7/9 or any Odd number of Curators	50	100% by Conservator

Turn Around Time Levels	Turnaround time (Hours)	Per Curator Fuel (ES)	Fuel borne by (Per Level)
Fast Track	73 to 96	11	100% by Conservator
Super Fast Track	49 to 72	25	50% Dispute Raiser & 50% Conservator Pool
Supersonic Fast Track	24 to 48	50	50% Dispute Raiser & 50% Conservator Pool



GLOBAL MARKET POTENTIAL ESTIMATE

As of June 1st 2020 Market cap of Era Swap is 75 mil. \$	Current Estimated Global Market Size (In Bil. \$)	Estimates Total # Participants Globally (in mil.)	Average Estimation Global User Efficiency (in \$)	No. of Average Transactions per user per year in ES (Assumption 1)	No. of Average Transactions per user per year in ES (Assumption 2)	Average Transactions per User per year in ES (If Assumptions 1 & 2 holds good)
Market Potential	70531.51494	13953.215	5054.857604	36.0	300.0	10800.0
TimeAlly	49700.0	400.0	124250.0	3.0	3000.0	9000.0
TimeSwappers	3700.0	28.5	129824.6	5.0	500.0	2500.0
BuzCafe	1043.1	1310.0	796.3	12.0	250.0	3000.0
Swappers Wall	17.6	3800.0	4.6	100.0	25.0	2500.0
Era Swap Network	430.0	161.8	2658.4	153.0	0.0001	0.0153
Value Of Farmers	139.0	570.0	243.9	2.0	500.0	1000.0
Era Swap Academy	190.0	7.6	25000.0	5.0	500.0	2500.0
PoolinDAPP	316.9	75.0	4225.3	8.0	150.0	1200.0
RentingDAPP	174.1	150.0	1160.7	4.0	500.0	2000.0
Computeex	11.1	161.8	68.6	4.0	2000.0	8000.0
CureDAPP Doctors	297.0	70.0	4242.9	1.0	100.0	100.0
CureDapp Fitness	2.6	878.5	2.9	1.0	16.0	16.0
BookingDAPP	4118.0	767.4	5366.2	2.0	100.0	200.0
CertiDAPP	96.0	628.7	152.7	1.0	2.0	2.0
DateSwappers	3.3	100.8	32.6	2.0	50.0	100.0
Faith Minus	201.8	95.0	2125.2	2.0	10.0	20.0
KYC DAPP	10091.0	4748.3	2125.2	1.0	35.0	35.0

*These illustrations are to give tentative forecast assuming Era Swap Community is 0.002% of Global Userbase and 20% efficiency from 2021 to 2025

*Future is Unpredictable. Also, users can be participants on multiple platforms

*Considering NRT distribution chart only 35% of total NRT will come in Liquid.

References:

<https://clockify.me/blog/business/gig-economy/>

<https://www.cnbc.com/2019/10/03/skilled-freelancers-earn-more-per-hour-than-70percent-of-workers-in-us.html>

<https://www.google.com/search?q=India+market+size+of+mobile+wallets&oq=India+market+size+of+mobile+wallets&aqs=chrome..69i57j0.14218j0j4&sourceid=chrome&ie=UTF-8>

<https://www.statista.com/topics/4872/mobile-payments-worldwide/>

<https://brandequity.economictimes.indiatimes.com/news/media/india-drives-overall-social-advertising-spend-as-it-helps-social-media-players-clock-more-revenue/70842502>

<https://www.google.com/search?q=mutual+funds+market+size+globally&oq=mutual+funds+market+size+globally&aqs=chrome..69i57j33.8956j0j9&sourceid=chrome&ie=UTF-8>

<https://www.amfiindia.com/mutual-fund>

https://www.google.com/search?safe=strict&sxsrf=ALeKk01Rms2uX2hwnJxWuGxsdfGdE1J-Ug%3A1587482450383&ei=Ug-fXsf3FuTfz7sPh_-Y4A0&q=global+farmer+count&oq=global+farmer+count&gs_lcp=CgZwc3ktYWIQA1D3nwFYtLEBYNiNAmgAcAB4AIAbtwGIAZIHkgEDMC42mAEAoAEBqgEHZ3dzLXdpeg&scilicet=psy-ab&ved=0ahUKEwjH6Kr86PnoAhXk73MBHYc_BtwQ4dUDCAw&uact=5

<http://www.aurumequity.com/the-online-education-industry-in-india-present-and-future/>

<https://www.google.com/searchsafe=strict&sxsrf=ALeKk01XB56pqjTks4BytwQixtNPhzWqXw:1587482793407&q=global+car+ride+market+size&spell=1&sa=X&ved=2ahUKEwilsVOf6vnoAhXlwjGhZupCeEQBSgAegQIDhAn&biw=1366&bih=657>

https://www.google.com/searchsafe=strict&biw=1366&bih=657&sxsrf=ALeKk011Dg2y4fF41czDoxMwIncyYDTjSA%3A1587482796518&ei=rBCfXs6vH5iXEPg4GisA0&q=india+car+ride+market+size&oq=india+car+ride+market+size&gs_lcp=CgZwc3ktYWIQAzoECAaQR1C6mANYw50DYImja2gAcAF4AIABIAGIACsFkgEDMC41mAEAoAEBqgEHZ3dzLXdpeg&scilicet=psy-ab&ved=0ahUKEwjOtBgh6vnoAhWYyzgGHYOACNYQ4dUDCAw&uact=5

<https://www.google.com/search?q=renting+market+size&oq=renting+market+size&aqs=chrome..69i57j0l7.9589j0j9&sourceid=chrome&ie=UTF-8>

<https://www.ptcommunity.com/wire/global-healthcare-information-technology-hc-it-market-size-was-usd-125-billion-2015-and>

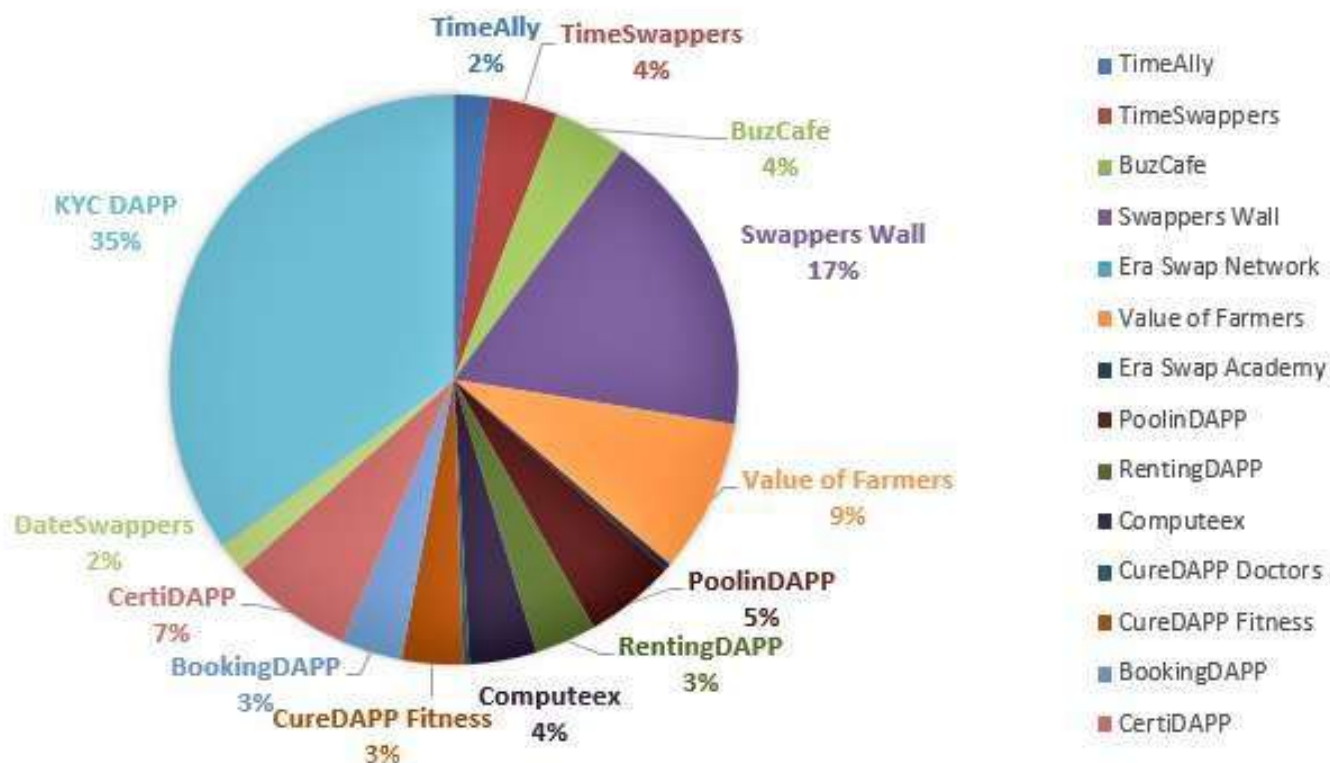
<https://www.statista.com/outlook/318/100/apps/worldwide?currency=usd>

<https://www.alliedmarketresearch.com/events-industry-market>

https://www.google.com/search?safe=strict&sxsrf=ALeKk036QwXy03ac3KXMMVLP05kduW33A%3A1587493903004&ei=DjyfXvTpPOKe4-EP0t-C8Aw&q=online+certificate+market+size&oq=online+certificate+market+size&gs_lcp=CgZwc3ktYWIQAziICCEQFhAdEB46BAgAEec6BAgjECc6CAgAEIMBEJECOGQIABBDogUIABCDAToCCAA6BQgAEJECOGcIABAUEIcCOgYIABAWEB46CAgAEByQChAEogQIABANogYIABANEB46CAgAEAOQBRaEogGIABAIEA0QHjoECCEQCIDqZVjVpAFgjqYBaABwAXgAgAGzAYgB7xuSAQWlJl0mAEAoAEBqgEHZ3dzLXdpeg&scilicet=psy-ab&ved=0ahUKEwj0qK_Rk_roAhVizzgGHdKvAM4Q4dUDCAw&uact=5

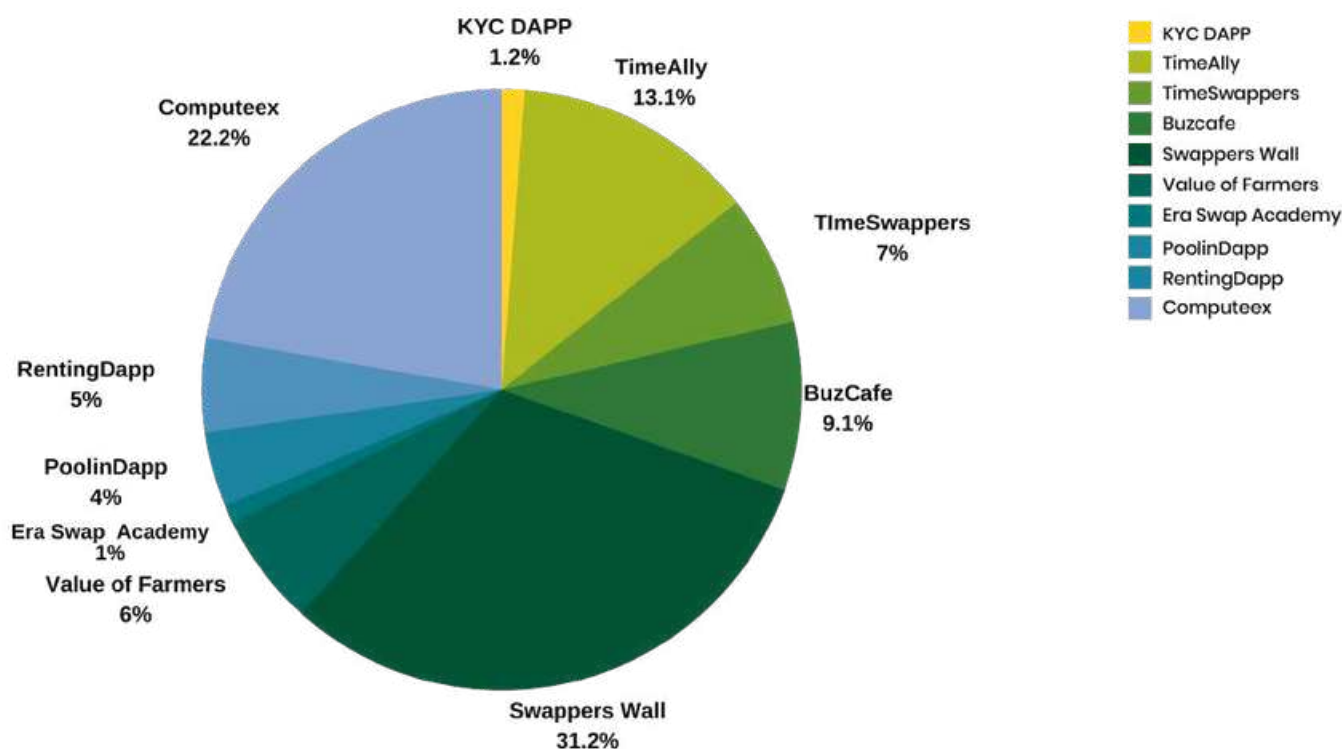
<https://www.livemint.com/Industry/A6ffGLyEs2SKi74Et7ce7J/100-million-Paytm-users-have-completed-KYC.html>





*These illustrations are to give a tentative forecast assuming Era Swap Community is 0.002% of Global Userbase and 20% efficiency from 2022 to 2027

ES VOLUME PERCENTAGE PROJECTED FOR NEXT 5 YEARS PLATFORM WISE



*These illustrations are to give a tentative forecast assuming Era Swap Community is 0.002% of Global Userbase and 20% efficiency from 2022 to 2027





Strength

- Current Development Done
- Transparent
- In Built Rewards
- Deflationary
- DAAPS all new Space - No competition
- MultiUtility
- Scalability
- Own Blockchain Network
- Seasoned team
- Cost Efficient Transaction
- High Speed Transaction

Weakness

- Poor Crowd Fund •

Opportunity

- Virgin DApp Space
- 0.3% Awareness on Blockchain Possibilities
- Demand to go 70X
- Upcoming Regulations
- Undervalued

Threat

- Resistance to change •
- Perception of Previous Scams •
- Low Risk Appetite •
- Proper Regulations •





PLATFORM FUEL & INCENTIVE

Platform Category	Breakup of Guaranteed Rewards and Promotional Incentive	Direct Reward in Liquid (ES)	Day Swappers Tree Reward 50% in TimeAilly & 50% in Liquid	Withdrawal Fuel Charges	Platform Fuel	Fuel Collected By Platform	Total Guaranteed Reward on Transaction	Promotional Incentive Announced by Seller
Time Swappers	1) 50% reward allocation from Time Traders - Distributed Equally between Buyers & Sellers Introducer 2) 50% reward allocation from Dayswapper - Distributed Equally between Buyers & Sellers Day Swappers Tree	1) Direct rewards to Seller's Introducer (0.25%) 2) Direct rewards to Buyer's Introducer (0.25%)	1) 0.25% will be given to Buyer Dayswappers Tree 2) 0.25% will be given to Seller Dayswappers Tree		1.00%	0.00%	1.00%	Seller can choose additional % age incentive for Introducer to get more Buyers
BuzCafe								
VoF								
Date Swappers								
Era Swap Academy								
Poolin DApp								
Renting DApp								
Cure DApp								
Booking DApp								
CertiDApp					1 ES			The Certificate Issuer will have the provision to set additional incentive % for the Introducer to get more certificate issuance
ComputeEx Multi Exchange	50% will be distributed to Introducers of User 50% will be distributed to Day Swappers Tree	Direct rewards to Users Introducer (0.25%)	0.25% will be shared to Tree	0.3% or 25 ES whichever is higher* as applicable for the platform	1.00%	0.50%	0.50%	Not applicable
ComputeEx ES by Credit Card	0.25% will be distributed to Introducers of User 0.25% will be distributed to Day Swappers Tree	Direct rewards to Users Introducer (0.25%)	0.25% will be shared to Tree		4% + 0.5\$	0.50%	0.50%	Not applicable
KMX	50% will be distributed to Introducers of User 50% will be distributed to Day Swappers Tree	Direct rewards to Users Introducer (0.25%)	0.25% will be shared to Tree		1.00%	0.50%		
Faith Minus	The Dispute Raiser will have to pay 2% which will get collected in the Pool to distribute equally between all the Conservator who have participated in the dispute settlement for the month.	*Curators will receive 50% of curator fuel from Dispute raiser and 50% from NRT Conservator pool Level 2 per Curator fuel will be 25 ES and Level 3 per Curator fuel will be 50 ES	Not applicable		2.00%	NA	2.00% collected will be added to Conservator pool and redistributed equally between all eligible curators	Not applicable
BetDeEx	1) 0.50% will be given as Direct Bounty to Predictors Introducer 2) 0.50% will be shared to Dayswappers Tree.	0.50% TFC generated will be given to Introducer of Predictor as Direct Bounty	0.5% TFC generated will be shared to his/her DaySwappersTree.	As per Network fee	2.00%	1.00%	1.00%	Not applicable

*Incase of dispute, no rewards generated, as the platform fuel collected from respective transaction will be burnt





Maintenance & Support

- KMPARDS Edutech Ltd.

Audit

- Blocklogy OU.
- Ginete Technologies Pvt Ltd
- Solulab Inc.
- Osiz Technologies Pvt. Ltd.

Development

- BlockCluster (Byzantine Technologies Corp)
- Servntire Global Pvt. Ltd.

Exchange

- Probit Global Service Ltd.
- Uphold HQ Inc.
- ComputeEx OU

Marketing

- Era Swap Technologies Pte. Ltd.
- (Former Name – Global Blockchain Learning Centre Pte. Ltd.)

Research & Development

- Date Swappers B.V.

New Talents & Partnerships

- TimeSwappers Technologies Pvt. Ltd.

Community Welfare

- Build In Blockchain

WANT TO JOIN HANDS WITH ERA SWAP?

Any Individual, Group of Individuals, Exchange, Firm can join hands with Era Swap and become a partner by accepting Era Swap, regardless of their involvement with Era Swap DAO.

All the Partners /Contractors of Era Swap DAO can further outsource the work to any sub-contractor to increase the bandwidth & the efficiency of the services. All the Partners/ Contractors will essentially accept Era Swap Stake & Era Swap Token for Payment for these services.

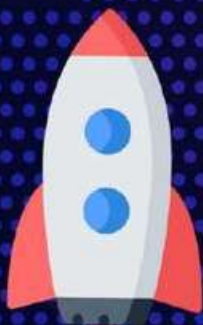
Contact us on info@eraswapfoundation.com





ERA SWAP

ROAD MAP



2018

March
Whitepaper Creation
Era Swap Utility Token

October
Blocklogy V.1 Content Ready

September
Era Swap Ecosystem Development Starts

November
BuzCafe Pre Listing

2019

January
TimeAlly DApp Audit

July
TimeAlly DApp Audit

September
Era Swap Life

November
Era Swap Academy
Build in Blockchain Meet I & II
Value of Farmers (VoF) White Paper

February
BetDeEx DApp Audit

August
BetDeEx DApp Live
Day Swappers α Live

October
Era Swap listed on ProBit Global Exchange
TimeAlly Super Goal Achiever Plan (TSGAP)

December
Swappers Wall α
BuzCafe α
Build in Blockchain MeetUp III

2020

January
TimeAlly Personal Era Swap Teller (PET)

March
1DAAP α
Time Swappers Web α

February
CertiDApp Featured on Coin Market Cap



2021

Mission Mount Everest

April

Buy ES with Credit Card α
Time Swappers Mobile App
Era Swap Academy α

June

ComputeEx α
VoF Mobile App UI
PoolinDApp Mobile App UI
First Token on Era Swap Blockchain Network ESP/ WES Tokens

August

CouponDApp Alpha α
Day Swappers Blockchain Version

October

CureDApp Doctor Appointment α
Era Swap Explorer Alpha Version α

December

CureDApp – Doctors Appointment – Mobile App
Register Era Swap Network with EVM Chain ID & MEW

May

KYCDApp
Era Swap Network – Test Net
Era Swap Academy α Mobile App

July

TimeAlly Loan
ESN Mainnet – ES to ESN Swap Event
Migration to ESN
ESN PoS CP Protocol

September

CharityDApp α
BookingDApp – Mobile App
CouponDApp β

November

RecyclingDApp – Alpha α
Booking DApp α
RentingDApp Mobile App
RentingDApp Alpha α
Era Swap Alpha Main Net

January

TimeAlly Personal Era Swap Teller (PET) Beta

March

BetDeEx Beta

May

CharityDApp

July

Era Swap Cloud Alpha

September

Time Swappers with ES Native

November

RentingDApp Beta
Mission 100 Meet-1

February

TimeAlly Super Goal Achiever Plan (TSGAP) Beta

April

CertiDApp

June

SurveysDApp Beta
Mission ES 100

August

Era Swap Explorer Beta

October

BookingDApp



ERA SWAP (ES) CONCLUSION



- Era Swap is a unique combination of multiple DApps integrated into one ecosystem powered by One utility token and one decentralized Era Swap Blockchain Network to become self- sustainable as the community is empowered to earn their rewards with their own effort without any centralized authority.
- Era Swap Network (ESN) uses Proof of Stake (PoS) Consensus Mechanism - It is a fault-tolerant mechanism used in Blockchain systems.
- All the Staker should participate not just to earn profits but to protect the interest of the ESN and their own long term Era Swap Stakings.
- Era Swap Network (ESN) is a decentralized Blockchain Network, and the growth of ESN is solely dependent on the community and doesn't depend on the Promoters/ Developers. In ESN, a person can create liquidity with their own efforts and solely responsible for the rewards generation.
- Era Swap Network is an EVM-compatible sidechain attached to the Ethereum blockchain through Plasma Framework. This allows off-chain processing of Era Swap Ecosystem transactions and posting only the hash of the bunch to Ethereum. This greatly reduces the high network fee and confirmation time issues faced by the current Era Swap Ecosystem DApps deployed on Ethereum. ESN is an EVM-compatible blockchain tailored to Era Swap Ecosystem that improves the user experience to a higher extent. Since by design, Plasma Framework makes the Era Swap Network as secure as the Ethereum Network, user's funds on the network would be secure as well.
- Era Swap Network will help scale dApps of Era Swap Ecosystem to onboard the increasing numbers of users and provide solutions for common man problems because it is efficient, fast & affordable.
- Era Swap utility token is subject to Market Risk. Every participant or purchaser of Era Swap should rely completely upon external Market forces dictating the value of Era Swap instead of relying on Promoters/Developers to enhance the value of Era Swap.
- Era Swap is a decentralized utility token used for the exchange of multi-utility products & services which can have future demand for multiple utilities.
- Era Swap Token is a carefully crafted Tokenomics where the community will be able to participate and generate maximum benefits by maximizing its contribution.
- Era Swap Ecosystem uses Era Swap Blockchain Network to connect with multiple platforms to exchange the value of services with community members.
- Era Swap Ecosystem will welcome all Next technologies enthusiasts & Developers to come and build their DApps on Era Swap Network and the leverage Era Swap ecosystem. Era Swap is committed to create the largest spread of services, one can avail using utility token.





Statuary Warning

Digital Assets are extremely high-risk, speculative products. Participants in Era Swap Ecosystem (ESE) should be aware of the risks involved and fully consider before participating in Digital assets whether it's appropriate for you. Users should only participate if you are an experienced investor with sophisticated knowledge of financial markets and you fully understand the risks associated with digital assets. The Users are strongly advise to take independent professional advice before making any investment or participating in any way. Users should check what rules and protections apply to your respective jurisdictions before investing or participating in any way. The Developers or Promoters will not compensate you for any losses from trading, investment or participating in any way as it relies completely on Market Forces. Users should read whitepaper carefully before participating and consider whether these products or services are right for you. Era Swap Token is subject to Market Risk. Please read Whitepaper, Terms & Conditions and policies of Era Swap Life and all the utility platforms of Era Swap Ecosystem before participating.

Privacy Policy

The profile of all the members on the platform shall be explicitly confidential and not disclosed to any other member of the platform unless express consent is sought by the member. The KYC is mandatory in ESN to mitigate the risk of scammers who Perform Fake KYC & Attempt to Create Multiple Wallets for conducting any malicious activity for accumulating Tokens, Trading, or earning any rewards. Data will be held in a distributed fashion. This is important to avoid the user data breaches that befall centralized databases. The use of KYC (know your customer) is always a balance between the freedom of anonymous use of Digital assets and the ability to interact with other businesses, banking institutions, and all countries. We have made the decision to use KYC on all purchase of tokens, distribution of AirDrop & Bounty for the good and long-term success of the ERA SWAP community.





Era Swap Network

Terms of Service

Last Updated: 10/07/2020

Era Swap Foundation OU

The Era Swap Foundation OU is a group of developers and technology professionals who are passionate about the potential of decentralized applications. It does not own or lead the Era Swap Network ("Era Swap Network"), but rather supports and develops the free, open-source & decentralized applications.

Era Swap Foundation OU makes no warranties or representations, express or implied, on products offered through the platform. It accepts no liability for any damages or losses, however caused, in connection with the use of, or on the reliance of decentralized application or related services. The Era Swap Foundation OU has no role in the operation of markets created on Era Swap Ecosystem (Era Swap ecosystem means here "Era Swap Network" "Era Swap utility Platforms" "Era Swap token"), and does not have the ability to spend funds that are held in escrow on-contract, or does not control how markets resolve or are created, does not approve or reject trades or other transactions on the network, and do not have the ability to modify, cancel, undo, or interact with orders on the network. The Era Swap Foundation OU has no power to censor, restrict, or curate markets, orders, trades, positions or resolutions on the Era Swap Ecosystem. Era Swap Foundation OU is not a bank or financial institution and does not provide investment or financial advice or consulting services to users.

Era Swap DAO

Era Swap Decentralized Autonomous Organization (DAO) is governed by a set of software rules enacted by Smart Contracts on Blockchain (refer Era Swap white Paper https://eraswaptoken.io/pdf/eraswap_whitepaper.pdf). In Era Swap DAO there is no centralized legal entity and no employment contracts. All the stakeholders of the Era Swap DAO are aligned & designed by set rules for Era Swap rewards distribution. Era Swap DAOs use Consensus mechanisms to align the interests of the organization with the interests of its stake holder which is done by voting mechanism. Era Swap Network Proof of Stake Consensus Protocol is governed by Time Ally Smart Contract (refer to more details <https://timeally.io/>). In no way are the developers of, or contributors to, the Website, Mobile applications or any applications responsible for the actions, decisions, or other behavior has taken or not taken by the user in reliance upon the Website or any applications of Era Swap Ecosystem. Users not authorized and nor should they rely on the Website or any applications of Era Swap Ecosystem for any legal advice, business advice, or advice of any kind. Users should act at their own risk in reliance on the contents of the Website or any applications.

TERMS OF ERA SWAP NETWORK FOR USERS TO AGREE & ACKNOWLEDGE

- To achieve the necessary consent on the single state of the network among distributed parties within the network, Era Swap Network (ESN) uses Proof of Stake (PoS) Consensus Mechanism - It is a fault-tolerant mechanism used in Blockchain systems. The consensus permits Blockchain to function without being dependent on a single actor as different participants in the network offer their consent which makes Era Swap network.
- The sole purpose and reason for Time Ally holders should be to participate not just to earn profits but to protect the interest of the ESN and their own long term Era Swap Stakings.
- Era Swap Network (ESN) is a decentralized Blockchain Network, and the growth of ESN is solely dependent on the community and doesn't depend on the Promoters/Developers. In ESN, a person can create liquidity with their own efforts and solely responsible for the rewards generation.
- Securities law protection is not applicable to participants/stakers here because in ESN they can exercise control over their funds and ES generating activity with their own efforts that will determine their success whether or not the enterprise is successful.
- The Era Swap holders or purchaser should not assume presume profit on their stakings or holding ES as ES value completely rely upon the market forces due to its decentralized structure in a Peer-to-Peer Network, and is not dependent on the Promoters/Developers efforts. Every participant or purchaser of Era Swap should rely completely upon external Market forces dictating the value of Era Swap instead of relying on Promoters/Developers to enhance the value of Era Swap.
- Node Validators of ESN who run software are called "Blokcee". The Node validators in the Era Swap blockchain network needs to stake Era Swap (ES) with TimeAlly or get delegation from other staker to get allowed for validating new transaction blocks in ESN. Era Swap Network implements Proof of Stake Consensus Protocol (PoSCP), which will have a maximum supply of 9,100,000,000 ES, and every time a new block is added to the blockchain, new ES tokens are released in New Released Token (NRT) Supply as per the Smart Contract. In ESN, a rewarding system which enables and drives more participation to develop and validate new transaction blocks on the network to make it more secure. This also helps to attract new developers and users in the ESN. In ESN, the Node Validators have delegated the Rights to validate the new transactions blocks and earn rewards in Era Swap Network
- The Node Validators do not participate in transferring Era Swap and thus are not involved in any kind of services such as money transmission. In ESN, The node validators are delegated the validators rights which allows the node validators to validate new transaction blocks on ESN. The ESN Smart contract distribution wallet manages rewards which are earned by the node Validators for validating new transaction blocks on ESN. The TimeAlly holder as per the consent have the option to submit request to the ESN smart contract distribution wallet to distribute portion of rewards to be sent directly to the delegated wallet. The rewards earned by node validators are received in a smart contract which allow delegator to pull back their rewards
- If the node validators act maliciously there is penalty of stakes slashing. In such case, it is possible that the TimeAlly holder may lose their era swap tokens. In ESN, the node validators just post the principal and there is no risk of financial loss except of delegator burning which discards the involvement of investment of money element.
- The Node Validators are responsible to maintain the distributed ledger and can only interact using decentralized Era Swap Network only with its decentralized ES token which was previously issued, bought, or sold.
- The validation right is transferred to the Node Validators but not to Era Swap Token of TimeAlly in ESN. The Node Validators are incentivized for participating in good faith which is designed in the Era Swap network (ESN). The Node Validators takes the risk of forfeiting the opportunity to earn rewards and losing the Era Swap token for acting maliciously like double-spend attack or nodes being offline due to negligence or collective burning. All the participants are impacted highly by the inflation of Era Swap however staking can help the participants to earn the reward. Time Ally rewards on staking with % ages from 25% - 27% on an annual mode. ESN incentivizes TimeAlly Holders or all Participants to Stake motivating participating in securing Era Swap Network new transaction blocks.
- If a TimeAlly Staker chooses not to participate in the ESN POC CP (Era Swap Network Proof of Concept Consensus Protocol), then their reward earnings will be diluted as there will be inflation due to other's participation. TimeAlly Rewards are distributed as per the smart contract to all the other participants of Era Swap Network. However, as the percentages of Era Swap TimeAlly holders participating in TimeAlly staking increases then the chances to return profit are lesser. The TimeAlly holders will retain Era Swap with on-going TimeAlly staking against Era Swap network inflation losses.
- The primary purpose of every participant of ESN is to further the interest as stakeholders in Era Swap Network thus the TimeAlly Era Swap holder can choose to delegate to Node Validators for validating new transactions block on Era Swap Network. The Node Validators primary responsibility is to run the software to validate new transactions and earn rewards on successful validations. The returns are completely based on the external factors like market forces of the Era Swap and do not depend on the efforts of the Node Validators.
- TimeAlly Stakeholder will be temporarily choosing to delegate the rights of Era Swap to Node Validators for the sole purpose of staking. The Time Ally stakeholder will have Smart Contract with Node Validators that will allow termination of the relationships at any time.
- Era Swap is not an Exchange that converts virtual currencies into real currencies/ funds/ or any substitute of currency. Era Swap ecosystem is a platform for Peer-to-Peer decentralized utility platforms which is powered by Era Swap Utility Token on Era Swap Blockchain Network.
- All the participants on Era Swap do not utilize rewards for the benefit of anyone other than themselves. The Promoter/Developer of Era Swap does not control or hold the Rewards. All the rewards are allocated & distributed as per decentralized smart contract to the participants of the Network based on the Activity, Eligibility & Progress. The users are solely responsible to withdraw rewards.
- Any Participants/ stakeholders lacking the skill or the experience required to exercise control should not participate and shall take complete responsibility for any losses due to inappropriate Negligence/Lack of understanding. The participants should Read & Refer to all the Terms & Conditions/ FAQs/ Tutorial Video & Audio Links/ and other process guides thoroughly before participating.



Terms of Era Swap Token for Users to Agree & Acknowledge



- User agrees & acknowledges that Promoters/ Developers or any thirty party service providers shall not be responsible for any failures/ disruptions/ errors/ distortions/ delays/ or losses that occurred due to volatility in prices as it purely depended on External Market Forces.
- User agrees & acknowledges that Promoters/ Developers or any thirty party service providers shall not be responsible for the failure of hardware/ software/ and internet connections, an event of technical, and other limitations occurred while using the Era Swap ecosystem.
- User agrees & acknowledges that Promoters/ Developers or any thirty party service providers shall not be responsible for the market rate information made available on various websites or sources may Differ from the prevailing market rates and markets are highly volatile due to which prices can fluctuate significantly which is subject to change from time to time.
- User agrees & acknowledges that they have fully understood the terms & conditions of the Era Swap ecosystem and are fully aware of their financial circumstances and the risk tolerance before participating in the Era Swap ecosystem.
- User agrees & acknowledges that Promoters/ Developers or any thirty party service providers shall not be responsible as there might be Considerable loss which may incur while using Era Swap Ecosystem due to High volatile nature & extremely dependent on External Market forces.
- The user should carefully review the smart contracts, website content, terms & privacy policies of platforms within Era Swap Ecosystem to familiarize as the users are responsible for their exchange of services..
- The User should confirm that the decision for participating in prediction or events, claiming or undertaking any transaction on the Era Swap ecosystem is taken with complete knowledge & ownership is with the user itself.
- Era Swap Ecosystem does not give any guaranteed returns in FIAT or crypto. Please read Era Swap Ecosystem platforms website content & smart contracts and do your research before proceeding.
- The User should understand and accept complete responsibility & liability for any damages or losses, however, caused, in connection with Era Swap Ecosystem, use of, or on the reliance of Era Swap Ecosystem.
- Era Swap Foundation OU doesn't guarantee any Fiat or Crypto because Era Swap doesn't control any Fiat or any other cryptocurrency. Era Swap token (ES) can only be used in the Eco System. ES cannot be used outside the Era swap Ecosystem.
- Phishing websites often go hand-in-hand with phishing emails. Phishing emails can link to a replica website or mobile application designed to steal login credentials or prompt one to install malware.
- Do not install software or log in to a website unless you are 100% sure it isn't a fake one. Phishing websites may also appear as sponsored results on search engines or in- app marketplaces used by mobile devices. Be wary that you aren't downloading a fake app or clicking a sponsored link to a fake website. It is completely on User's risk and the user is only liable for any such activity.
- The creators of Era Swap Ecosystem have the right to upgrade the software as per requirement time to time, enhance the features for better users experience, bring in better suitable and innovative Technology and Blockchain versions, perform changes and improvisation in case of unforeseen technology glitch

User Rules & Regulations

All the Users participating, will be participating or already using Era Swap Ecosystem (Era Swap ecosystem means here "Era Swap Network" "Era Swap utility Platforms" "Era Swap token") have agreed not to

- Perform Fake KYC & Attempt to Create Multiple Wallets for conducting any malicious activity for accumulating Tokens, Trading, or earning any rewards.
- Attack or attempt to interfere the "Era Swap Ecosystem" by introducing any Virus such as Worms, Trojan horses, Malicious & Technologically harmful tools (using any device, software or routine)/ programs/ engage in any malicious activity that restricts or inhibits internal or external users for using Era Swap Ecosystem or to impersonate or an attempt to impersonate Era Swap or the Team users or any other Users of Era Swap ecosystem.
- Violate any applicable country or legislative laws or regulations either origin or location-based, also any users or minors by exposing to inappropriate content or seeking or forcing highly confidential information or personal information on Era Swap Ecosystem.
- To Copy content or any advertising or promotional material of Era Swap ecosystem or Transmit any 'junk mail', 'chain letter' or 'spam' or any other similar solicitation or intend to gain unauthorized access, damage or disrupt any parts like Wallets, Nodes or apps connected to the Era Ecosystem.

Users Agrees to

- Users have ascertained that they have reached the majority age and possess the capacity to form a binding contract and have the full capacity to accept the Terms mentioned on the site & in this document, use any Services and conduct any transactions on the Website.
- Users agree that they have provided Platform with accurate, true and complete information about them
- Users agree to access the website and all activities being conducted thereon are and will be in full compliance with all relevant laws, regulations, regulatory documents, and various policies of the utility Platforms. In particular, any Digital assets users bring on to the Website are legally obtained by you and are not derived from and will not be used for any criminal, fraudulent, terrorism or money laundering activity. All members will be required to comply with the Know Your Customer (KYC), Anti-Money Laundering (AML) and Combating Financing of Terrorism (CFT) norms concerning the global standards.
- Users agree & warrants that all the digital assets (of any types) use to trade on the Website were legally obtained and are legally owned by them or they are validly authorized to carry out any transactions using such digital assets.
- Users agree & warrant that they have and will continue to abide by any relevant laws or regulations in their respective jurisdiction, including but not limited to reporting any trading activities or profits for taxation purposes, if applicable.
- Users agree & warrant that they have not been suspended or removed from any other exchanges (including digital assets exchange or other financial trading platforms) for any reason.
- Users agree & warrant that they are aware, sourced and received all necessary independent legal and financial advice before using any Services and have made an independent judgment irrespective of any advertisements published on the platforms in their decision to enter into any transaction.
- Users agree that their access to the Era Swap Ecosystem Website or Services, Users have not used or will not use any device, software or system that alters your IP address from that of your physical location.
- All users using services agree & warrant that they are not a national, citizen, permanent resident or resident of a prohibited jurisdiction. All members represent and warrant that if they are national, citizen, permanent resident or resident of the country or region designated as a prohibited jurisdiction, in line with the guidance from international monitoring bodies such as the Financial Action Task Force (FATF), the person concerned shall not use or will not have access to the Service. Users will not use the Service while staying in the prohibited jurisdiction.

The list below states the prohibited jurisdictions: (subject to change as guidelines)

- o Yemen
- o Sri Lanka
- o Ethiopia
- o Syria
- o Trinidad and Tobago
- o Tunisia
- o Pakistan
- o Serbia
- o Bahamas
- o Botswana
- o Ghana
- o Cambodia
- o Iran
- o North Korea





Users agree to defend, indemnify, and hold harmless the Developers, Promoters, its affiliates, licensors, and service providers, and its and their respective officers, directors, employees, contractors, agents, licensors, suppliers, successors, and assigns from and against any third-party claims, liabilities, damages, judgments, awards, losses, costs, expenses, or fees (including reasonable attorneys' fees) arising out of or relating to:

I. Users violation of these Terms of Use;

II. Users use of the Era Swap Ecosystem, including use that results in any Transactions using any token transactions & token lending protocols;

III. any User Submissions made by them; or Users violation of any other party's rights or applicable law.

IV. If Users have a dispute with any counterparty to any Transaction enter into through Era Swap Ecosystem, Users release the Developers, Promoters, its affiliates, and service providers, and each of their respective officers, directors, agents, employees, and representatives from any claims, demands, and damages (actual, consequential, or otherwise) of every kind and nature arising out of or connected with such disputes.

Transaction Maintenance

Users are solely responsible for maintaining your private keys and monitoring the Transactions on the underlying protocols. The developers or Promoters are not responsible for User's failure to adequately monitor their Transactions and Loans, which may result in their failure to make timely payments and the loss of collateral. The Developers/Promoters are also not responsible for any failures on the underlying protocols or the Ethereum blockchain, including, but not limited to, network failures, inaccurate price feeds, coding errors or hacking attempts, which may result in User's losing any or all of the tokens that are part of the Transactions users have entered through Era Swap Ecosystem. The Developers/Promoters have no obligation to send User's any notifications, including reminders regarding payment or collateral status. Users should not rely on any such notifications, if any, and your reliance on any such communications as it at Users own risk.

Use of Information Provided by Users

Users understand, represent and agree that any User Submission is submitted voluntarily and is not confidential or proprietary and that your User Submission does not establish any relationship between Users and Developers. User grant the Developers and its sub-licensees a worldwide, royalty-free, non-exclusive, transferable, perpetual and irrevocable license to use, commercialize and implement the ideas contained in, distribute, transmit, reproduce, modify, publish, translate, publicly perform and display and create derivative works of User Submissions, except as otherwise prohibited by applicable law or these Terms of Use. Users waive any right to compensation of any type for User Submissions. User represent and warrant that Developers have all of the rights necessary to grant the rights in this Section and that the use of User Submissions by Developers does not violate any law.

Taxes

It is Users responsibility to determine what, if any, taxes apply to the Peer to Peer Exchange of Services users for which Users have submitted Peer to Peer Exchange of Services details via the Services, and it is Users responsibility to report and remit the correct tax to the appropriate tax authority. Users agree that the Era Swap Network are not responsible for determining whether taxes apply to blockchain Peer to Peer Exchange of Services or for collecting, reporting, withholding, or remitting any taxes arising from any Peer to Peer Exchange of Services on Era Swap ecosystem

No Right to Cancel and/or Reverse

Era Swap ecosystem Peer to Peer Exchange of Services: If users use a Service to which Era Swap (ES) is transacted, Users will not be able to change their mind once users have confirmed that you wish to proceed with the Service or Peer to Peer Exchange of Services

Suspension or Termination of Service

Era Swap ecosystem may suspend or terminate Users access to the Services in its sole discretion, immediately and without prior notice, and delete or deactivate users Era Swap Network account and all related information and files in such without cost to the user, including, for instance, if user breach any term of this Agreement. In the event of termination, users access to the funds in the user account will require users access to the Ethereum via the command line API or third party tool, and will require users to have access to the backup of their Account data including their Account and Private Keys. **Nature of Beta**
Era Swap ecosystem may offer additions to Sites and Services as part of a beta test phase. All or portions of the Sites and Services included in this test phase may not function correctly, or may contain errors. Era Swap is not obligated to correct, nor is it responsible for, errors or the effects of such errors while the beta test phases of these Sites and Services are active. Further, users acknowledge that Era Swap ecosystem has no express or implied obligation to announce or make available any particular features of the beta Sites and Services in the future. Should these Sites and Services launch after the beta phase, it may have features or functionality that are different than those found in the beta version herein.

Registration, Account and Communication Preferences

In order to access and use certain areas or features of the Sites and Services, Users will need to register for a Era Swap account. By creating an account, you agree to (a) provide accurate, current and complete account information about yourself as necessary, (b) maintain and promptly update from time to time as necessary your account information, (c) maintain the security of your password and accept all risks of unauthorized access to your account and the information you provide to us and (d) immediately notify Era Swap if discover or otherwise suspect any security breaches related to the Sites, Services, or your account.

Payment Obligations

There will subscription for Users to access certain parts of Services on Era Swap ecosystem. By agreeing to these Terms, users accept to pay for these subscription costs as mentioned clearly while joining Era Swap ecos**Pri**vac**y** Policy**em**. The Payment must be made by users with approved KYC via accepted valid cryptocurrency or Era Swap token. The users authorize Era Swap to make necessary charges against such payments or subscription - automatic, recurring, or individual-as part of providing the Services. Users may stop or cancel these payments by downgrading or stopping services through users' member settings or rules mentioned in terms. Users acknowledge that they are completely responsible for any applicable state, federal, or other taxes as well as any fees associated with payment subscription to Services unless otherwise mentioned.

Trademarks

The Era Swap ecosystem logo and any other Era Swap ecosystem service names, logos or slogans that may appear on the Sites or Services are trademarks of Era Swap ecosystem and may not be copied, imitated or used, in whole or in part, without our prior written permission. Users may not use metatags or hidden text or utilizing Era Swap ecosystem platforms name or any other name, trademark or service name of Era Swap ecosystem without our prior written permission. The format (includes all the features, buttons, scripts, etc) of the Sites and Services of Era Swap ecosystem may not be copied, imitated or used, in whole or in part, without our prior written permission.

Partners / Contractors

All the Partners /Contractors of Era Swap DAO can further outsource the work to any sub contractor to increase the bandwidth & efficiency of the services. All the Partners/ Contractors will essentially accept Era Swap Stake & Era Swap Token for Payment for these services.

Third-Party Services

The Era Swap ecosystem Site may contain links to other websites ("Linked Sites"). The Linked Sites are not under the control of Era Swap Foundation OU and it is not responsible for the contents of any Linked Site, including without limitation to any form of link existed in the Linked Site, or any kind of changes or any kind of updates to the users using Linked Site. When Users clicks on any links to the Linked Site, The developers may not warn Users that they have left the Era Swap ecosystem and are subject to the terms and conditions and Privacy policies of another website or destination. Era Swap ecosystem is providing these links to you only as a convenience, and the inclusion of any link does not imply endorsement by Era Swap Foundation OU of the site or any association with its operators. User uses the Linked Sites their own risk. When User leaves the Era Swap Network, our Terms and policies no longer govern. Users should review applicable terms and policies, including privacy and data gathering practices, of the Linked Sites, and should make whatever investigation they feel necessary or appropriate before proceeding with any transaction with any third party.

Certain services made available via the Era Swap ecosystem are delivered by third party sites and organizations. The Developers or Promoters, therefore, is not liable or otherwise responsible for the Transactions, damages, or liabilities arising out of use of any Era Swap Network Platform or Transactions entered into (or attempted to be entered into). Users agree that Developer's or Promoters have no fiduciary duty to you and no liability in connection with and are not responsible for any liabilities, claims, damages, costs and/or expenses, including attorneys' fees, incurred in connection with your taking or not taking any action based upon any information provided by anyone.

Third Party Content

There may be display of content from third parties through the Sites and Services (collectively, "Third-Party Content"). Era Swap do not control, endorse or adopt any Third-Party Content, and make no representations or warranties of any kind regarding such Third-Party Content, including, without limitation, regarding its accuracy or completeness. Users acknowledge and agree that their interactions with third parties providing Third Party Content are solely between users and such third parties, and that Era Swap is not responsible or liable in any manner for such interactions or Third-Party Content.

Hyperlinks

Users are not allowed to create a text hyperlink to the Sites for non-commercial purposes, link which portray Era Swap ecosystem or any of products or services in a false, misleading, defamatory, contain any adult or illegal material or any material that is offensive, harassing or otherwise objectionable. The users may be revoked at any time without any notice

Disclaimer

THE Era Swap ecosystem platforms are provided to users "AS IS", with no warranty, express or implied. The Developers or Promoters of Era Swap ecosystem shall not be liable for any claim, damages or other liability, whether in an action of contract, tort or otherwise, arising from, out of or in connection with the software or the use or other dealings in the software.

Applications with fewer than 1000 active users per month may be permanently removed or deactivated without prior notice after 2 years of deployment in order to uphold viability and efficiency.





SOCIAL MEDIA LINK



<https://t.me/eraswap>



<https://www.facebook.com/eraswap/>



<https://www.linkedin.com/company/eraswap/>



<https://twitter.com/EraSwapTech>



<https://www.instagram.com/eraswap/>



<https://medium.com/@eraswap>



<https://www.youtube.com/channel/UCGCP4f5DFIW6sbCjS6y3Tlg>



<https://bitcointalk.org/index.php?topic=5025979.msg45502457>



<https://www.reddit.com/user/EraSwap>



<https://mix.com/eraswap>



<https://eraswap.tumblr.com/>



<https://www.pinterest.com/eraswap/>

GLOSSARY

- ES DAO - Era Swap Decentralized Autonomous Organization
- ES - Era Swap
- ESE - Era Swap Ecosystem
- ESN - Era Swap Network
- NRT - Newly Released Token
- TFC - Total Fuel Collected
- TA - TimeAlly
- TA 1LT - TimeAlly 1LifeTimes
- TA PET - TimeAlly Personal Era Swap Teller
- TSGAP - TimeAlly Super Goal Achiever Plan
- KMPARDS - KunjiMudra Programmable Assets Research Development And Services WES/ESP - Wrapped Era Swap/Era Swap Prepaid
- EM - ESMETER

Era Swap Green Paper:

https://eraswaptoken.io/pdf/Era_Swap_Green_paper.pdf

Era Swap Token

<https://eraswaptoken.io>

Era Swap

<https://eraswap.com>

Era Swap Explorer

<https://eraswap.info>

