ERA SWAP
GREEN PAPER
Decentralized Autonomous Organization
(ES DAO)
**Era Swap Decentralized Autonomous Organization**

**What is Era Swap?**

Era Swap is a Decentralized Autonomous Organization (DAO) that is governed by a set of software rules on Blockchain. Era Swap DAO uses consensus mechanism to reach the goals of the organization with its stakeholders. Era Swap DAO will have 37 interlinked smart contracts / DApps stored in Era Swap Blockchain Network with pre-defined tools that automatically execute when certain conditions are met. The users can trust the outcome as accurate.

Era Swap DAO uses PoS Validators which do the management part in Era Swap Network. The ownership is given to TimeAlly Stakers who stake Era Swap tokens, the supervision is done by Blokcee and the workforce is the contractors. In Era Swap DAO, it uses Proof of Stake consensus around token governance by complex smart contracts instead of any kind of legal contract. TimeAlly Smart Contract is the governing protocol that rewards as per the behaviors of participants present in the network.

**Future Economy And Era Swap**

When we see the prospering economic model they can be classified into three economics. They include the sharing economy, candies economy & decentralized economy. The participants work format includes individual work, collaborative work & collective work. Starting with the sharing economy, it is mostly free, reputation driven and work can be done individually or collaborative. The second type of economy is the candy economy which gives individuals some revenue in the form of bounty, tip or as revenue sharing for collaborative work.

The **third one** is the transformational all-new Decentralized economy that gives next-level options like security, low-cost transactions, standardization, accuracy, transparency, autonomy, voting power and revenue sharing using smart contracts. In a decentralized economy, people work collectively to reach the goals of the organization as the top priority. Era Swap uses the consensus mechanism to align the interests of the users towards the goals of the organization. Here, the Interests of the participant’s members where Stakeholders are aligned towards the incentive rules tied to the Era Swap native token. To approve proposals, stakeholders should vote to reach the majority of 66% consensus in Era Swap DAO. Era Swap uses Web 3.0 i.e 3rd generation of the internet where the devices are connected in a decentralized network rather than depending on the server-based databases.

**Problems Researched**

Era Swap finds that the current market has many problems with the security & privacy of an individual user. Some of the core problems with the current market are deficiency of centralization, data shared to the third party, shared control of data, giving third party permission, unemployment, lack of transparency, heavy middlemen cost, third party transactional costs, unserved, underserved, underdeveloped, underdeveloped, expensive mining process, less usage of blockchain, unbanked, expensive global payment gateways, manipulation, convenience fees, so on.
Era Swap Market Positioning

With the inclusion of Blockchain in 2008, there are a total of 5 phases that have occurred in Blockchain development. Phase 1 (2009-2012) which was a Proof of concept for Blockchain i.e, Bitcoin for niche adopters. With Phase 2 (2013-2014) Blockchain was on infrastructure development that includes exchange, wallet, custody & payment. In Phase 3 (2015-2017) deployment of smart contracts takes place and the first application was created in financial use-cases which lets users do micro-payment, remittance and cross border payment. Phase 4 (2017-2018) was an exploratory phase which includes dapps, PCs, ICO. Blockchain got validation in Phase 5 (2019-2020) with proven use-cases like successful DApps & Blockchain Improvements.

Phase 6 (2020 onwards) Era Swap stands to disrupt monopolies with continuous development & innovation of competitive DApps with scalable & efficient blockchain supported using Decentralized Autonomous Organization (DAO) infrastructure.

Mission

Era Swap focuses on competitive DApps development with Era Swap utility token for P2P Exchange of services on scalable Blockchain to disrupt monopolies.

Vision

To be the most admired self-sustainable peer to peer marketplace for the betterment of the unserved, underserved, undeveloped, underdeveloped by appreciating the value they deliver.

3 Engines Of Era Swap

Era Swap DAO has 3 engines namely Era Swap Decentralized Token (ES), Era Swap Decentralized Network (ESN), Era Swap Decentralized Ecosystem (ESE).

Era Swap Decentralized Token (ES)

Era Swap Token (ES) is a decentralized utility token that can be used on various decentralized applications within Era Swap Ecosystem (ESE) for exchanging services in peer to peer mode. Era Swap Token (ES) is a native token of Era Swap Decentralized Network Proof Of Stake Consensus Protocol. It is also utilised for the transactions, transaction fee, validation and staking rewards on ESN. With the inclusion of ES in Era Swap Decentralized Ecosystem (ESE), it reduces the costs of intermediary charges upto 90%. For detailed information on Era Swap Token (ES), visit [https://eraswaptoken.io](https://eraswaptoken.io)

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Max Supply</th>
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<tr>
<td>ES</td>
<td>9,10,00,00,000 ES</td>
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<table>
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<tr>
<th>Available supply</th>
<th>Total Supply</th>
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<tr>
<td>1,56,66,07,997 ES</td>
<td>1,86,62,90,390 ES</td>
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ES burnt

29,96,82,392 ES

### Era Swap Token (ES) NRT Distribution

<table>
<thead>
<tr>
<th>NRT Tokens</th>
<th>NRT Distribution</th>
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<tbody>
<tr>
<td>27%</td>
<td>Rewards For Stakeholders</td>
</tr>
<tr>
<td>30%</td>
<td>Rewards For Work Pool</td>
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<tr>
<td>23%</td>
<td>Ecosystem Continuity</td>
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<tr>
<td>10%</td>
<td>Contingency Funds</td>
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<tr>
<td>10%</td>
<td>Foundation</td>
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*NRT: Newly Released Tokens*

All new tokens from the newly released token (NRT) will be released through TimeAlly DApp as per the distribution chart. New Era Swap Supply reduces by 10% every year from the previous year supply.

### Era Swap Token (ES) Burn Rule

Number of ES permanently removed from ES circulation. 10% ES collected from KYC Dapp, 10% ES of Fuel collected from ecosystem platforms, unused rewards, destroyed staking when a borrower chooses to default repayment of loan or interest.

### Demand & Supply Triggers For Era Swap Token (ES)

To lift the demand, Era Swap leverages Era Swap Network (ESN), Quadratic Cost of PoS, Platforms of Era Swap Ecosystem, Affiliate program, TimeAlly loan, Blockchain Use Cases, Middlemen free peer to peer marketplace. To control the supply, Era Swap Token (ES) uses levers like Guarantor, KYCDAApp, TimeAlly, Faith Minus, Iss Time Limit, and Burning of surplus.

### GLOBAL MARKET POTENTIAL ESTIMATE

<table>
<thead>
<tr>
<th>Market Potential</th>
<th>Current Estimated Value (in $)</th>
<th>Estimates Total # Participants Globally (in mill.)</th>
<th>Average Estimation of Global User Activity Efficiency (in $)</th>
<th>No. of Average Transactions per user per year in ES (Assumption 1)</th>
<th>No. of Average Transactions per user per year in ES (Assumption 2)</th>
<th>Average Transactions per User per year in ES (Assumption 1 &amp; 2 both good)</th>
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*Era Swap*
DEMAND PROJECTION FACTORS OF ERA SWAP

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<td>568.75</td>
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</table>

Terms & Conditions:

*These illustrations are to give the tentative forecast assuming EranSwap Community is 0.002% of Global Userbase with 20% efficiency from 2021 to 2050.
*Future is Unpredictable. In assumption, users can participate in multiple platforms.
*Considering NRT distribution chart only 50% of total NRT will come in ES Liquid.
*NRT distribution shall reduce by 10% every year.
*Burning limit of tokens is upto 2% of the total available tokens per month.
*Liquid ES required per user is considered on 36 transactions per year with an average of 300 ES per transaction.

To explore in detail, visit https://eraswap.info
Era Swap Decentralized Network (ESN)

Era Swap Network (ESN) is a decentralized network that uses the security of Ethereum & achieves scalability using plasma framework that gives high speed & low-cost transactions for Era Swap Decentralized Ecosystem (ESE). Users will be able to use both ethereum and Era Swap Blockchain Network via Era Swap Bridge - Merkle Swap (https://merkleswap.com) for cross-blockchain usage. As a layer to the solution, Era Swap Decentralized Network can give 8.6 millions of transactions per day, Block Times of 5 seconds and takes less than 0.00001ES.

**Key Purposes** of Era Swap Decentralized Network (ESN) includes Scalability, High-Speed Blockchain, Low-Cost Transactions for Internal transactions of Era Swap Decentralized Ecosystem (ESE). Era Swap Decentralized Network (ESN) allows multiple cloud computing users to enter a loosely coupled peer to peer smart contract to validate & signed Era Swap network Transactions using proof of stake consensus protocol. For more information, visit https://eraswap.network

Era Swap Decentralized Ecosystem (ESE)

Era Swap Ecosystem (ESE) is a decentralized ecosystem where users get access to multiple DApps built on Era Swap Network (ESN) that uses a single utility Era Swap Token (ES) for all its peer to peer exchanges without any middlemen interference and third party permission. To know about multiple dapps in details, visit https://eraswap.life

Future Of Era Swap

Era Swap will be the largest decentralized peer to peer blockchain based on use cases solutions in making where 19 DApps mentioned above is ready on testnet & further upcoming 11 DApps will be completed by March 2021. Era Swap is strongly committed to create the largest spread of peer to peer services using one single utility token within an ecosystem.

Users who want to know about Era Swap and its services in detail can visit: https://eraswaptoken.io/pdf/eraswap_whitepaper.pdf
Era Swap Token (ES) Can Be Used On Following Platforms With Upcoming Era Swap DAO Alpha Launch

1) Affordable Blockchain Network https://eraswap.network/
2) Social Community Platform https://swapperswall.com/
3) Eraswap Stacking Solutions https://www.timeally.io/
4) Exclusive Club Rewarding Members For Their Individual Effort To Grow The Community https://timeallyclub.com/
6) Decentralized Wallet https://eraswapwallet.com
8) Affiliate Programme To Reward For Working Through Others To Increase Community & Volume https://dayswappers.com/
9) Pay in ES By Scanning QR code At Merchants & Shoppers E-Retail https://buzcafe.com/
10) E-Learning Market Place To List Courses & Subscribe Courses https://eraswap.academy/
12) Buy ES With Credit & Debit Cards https://www.computeex.net/
13) Blockchain Authentified Decentralized Certificates Issuance & Surveys/Polls https://certidapp.com/
14) Blockchain Authentified KYC Verification https://kycdapp.com/
15) Send Prepaid Gift Vouchers To Friends https://coupondapp.com/
16) ES Explorer_Era Swap Blockchain Network Explorer https://eraswap.info/
17) Decentralized Renting Solutions http://rentingdapp.com
18) Decentralized Health Assistance To Book Appointments With Doctors. https://www.curedapp.com/

Platform Under Development :-

19) Faith Minus_Decentralized Dispute Management https://faithminus.com/
20) Farming Solutions & MarketPlace https://valueoffarmers.org/
21) Date Swappers - Next Gen Dating & Match-Making https://dateswappers.com/
23) Charity Dapp_Decentralized Charity https://charitydapp.com/
24) IPFS Based Data Storage m http://eraswap.cloud/
25) ComputeEx_Multiple Exchange Solution https://www.computeex.net/
26) Recycling Dapp_Blockchain-Powered Waste Management https://recyclingdapp.com/
27) P2P Ride Sharing https://poolindapp.com/
*These illustrations are to give tentative forecast assuming Era Swap Community is 0.002% of Global Userbase and 20% efficiency from 2021 to 2025.

**ES VOLUME PERCENTAGE PROJECTED FOR NEXT 5 YEARS**

**PLATFORM WISE**

*KYC DAPP* 31.2%

*TimeAlly* 13.1%

*TimeSwappers* 7%

*BuzCafe* 9.1%

*PoolinDAPP* 6%

Era Swap Academy 1%

Value of Farmers 6%

RentingDapp 5%

PoolsSwapper 4%

Era Swap Wall 1%

Value of Farmers 6%

*Computeex* 22.2%

*KYC DAPP* 12.2%

*TimeAlly* 13.1%

*TimeSwappers* 7%

*BuzCafe* 9.1%

*PoolinDAPP* 6%

Era Swap Academy 1%

Value of Farmers 6%

RentingDapp 5%

PoolsSwapper 4%

Era Swap Wall 1%
Era Swap Advantages:

Era Swap Token (ES) creates multiple advantages to its users like greater transparency, decentralized autonomy, reduced costs, data ownership, eliminating the middlemen, new business models and incentives for positive behavior.

SWOT Analysis Of Era Swap

The Strength of Era Swap includes massive ecosystem development, transparent Blockchain, In-built rewards, deflationary tokenomics, multiutility, scalable blockchain, transactions fee paid in Era Swap, cost-efficient transactions, high-speed transactions and seasoned team. Weakness. Initially Era Swap could raise 0.2 Million dollars in crowdfund but managed to achieve the Era Swap roadmap with additional private investment of 1.8 million dollars. Era Swap is undervalued as per the potential adoption in future. Opportunities are to storm into virgin DApp space, increased current awareness level 0.3% on blockchain possibilities, Industry demand can go up to 70X and upcoming regulations can make real Blockchain use cases thrive. Threats factored are audience resistance to change from the perception of previous scams and low-risk appetite to gain in long-term.

Our Social Media

Telegram: https://t.me/eraswap
Facebook: https://www.facebook.com/eraswap/
LinkedIn: https://www.linkedin.com/company/eraswap/
Twitter: https://twitter.com/EraSwapTech
Instagram: https://www.instagram.com/eraswap/
Medium: https://medium.com/@eraswap
YouTube: https://www.youtube.com/channel/UCGCP4f5DF1W6sbCjS6y3T1g
GitHub: https://github.com/KMPARDS/EraSwapSmartContracts
Reddit: https://www.reddit.com/user/EraSwap
Tumblr: https://eraswap.tumblr.com/
Pinterest: https://www.pinterest.com/eraswapt/

Thank You.