



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

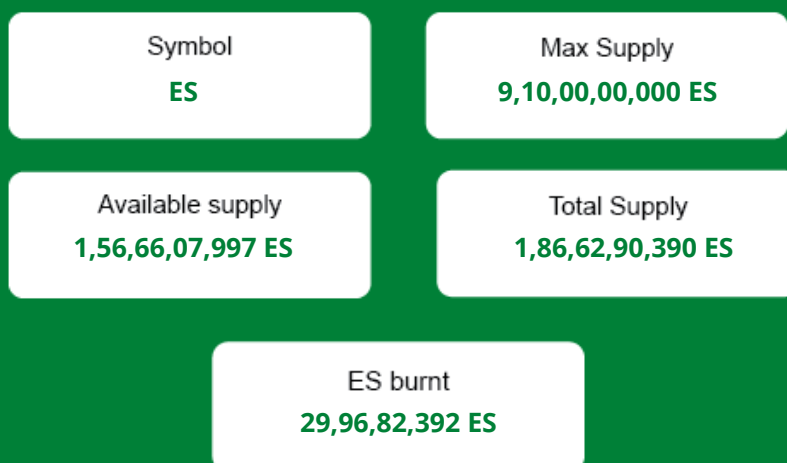
To be the most admired self-sustainable peer to peer marketplace for the betterment of the unserved, underserved, undeveloped, underdeveloped by appreciating the value they deliver.

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>



*Supply as of 5th October 2020. Can vary in future.

Era Swap Token (ES) NRT Distribution

NRT Tokens	NRT Distribution
27%	Rewards For Stakeholders
30%	Rewards For Work Pool
23%	Ecosystem Continuity
10%	Contingency Funds
10%	Foundation

*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, KYCDApp, TimeAlly, Faith Minus, Iss Time Limit, and Burning of surplus.

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

DEMAND PROJECTION FACTORS OF ERA SWAP

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	585.4630	-6974.54	7.0172
2024	483.6113	517.1309	2174.9270	900000	0.0065%	9720	570.3326	-9149.67	8.9382
2025	435.2502	521.9825	2136.5558	1000000	0.0072%	10800	546.2954	-10253.70	10.1097
2026	391.7251	512.7734	2059.0326	1100000	0.0079%	11880	516.7429	-11363.26	11.5394
2027	352.5526	494.1678	1956.5899	1200000	0.0086%	12960	484.1272	-12475.87	13.2475
2028	317.2973	469.5816	1839.5610	1300000	0.0093%	14040	450.1989	-13589.80	15.2645
2029	285.5676	441.4946	1715.3637	1400000	0.0100%	15120	416.1873	-14703.81	17.6289
2030	257.0108	411.6873	1589.2440	1500000	0.0108%	16200	382.9347	-15817.07	20.3871
2031	231.3097	381.4186	1464.8363	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	1230.0637	1800000	0.0129%	19440	292.3314	-19147.67	31.6081
2034	168.6248	295.2153	1122.2093	1900000	0.0136%	20520	265.8894	-20254.11	36.5707
2035	151.7623	269.3303	1021.5039	2000000	0.0143%	21600	241.4217	-21358.58	42.2906
2040	89.6141	165.6883	624.2507	2500000	0.0179%	27000	146.4371	-26853.56	86.5037
2045	52.9162	99.5237	373.9544	3000000	0.0215%	32400	87.4535	-32312.55	173.2832
2050	31.2465	59.1954	222.0852	3500000	0.0251%	37800	51.8472	-37748.15	340.2793

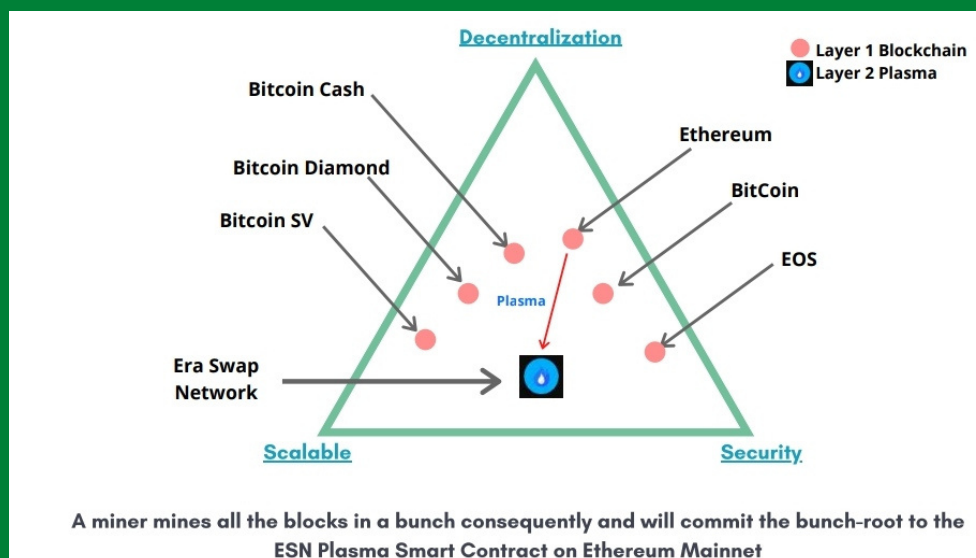
Note:- All ES count is in Millions

Terms & Conditions:

- *These illustrations are to give the tentative forecast assuming EraSwap 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

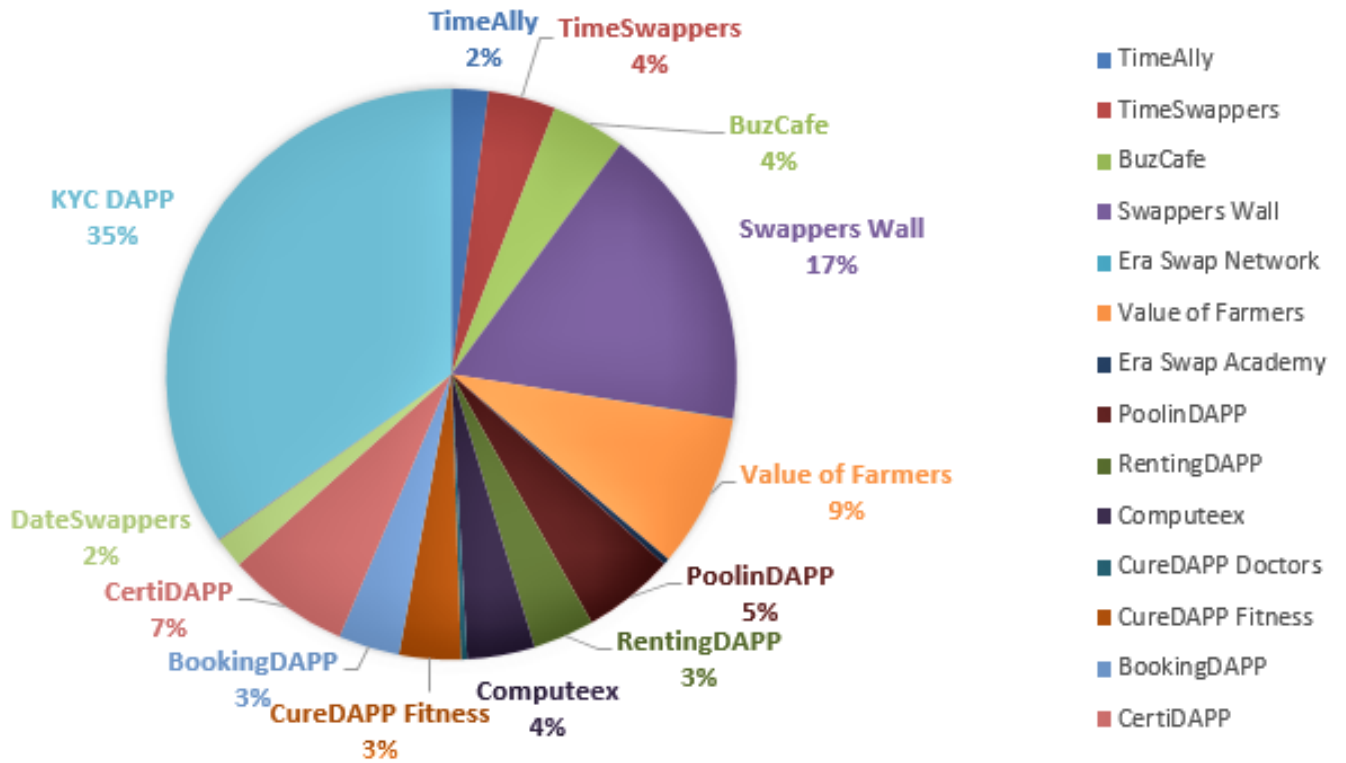
Era Swap Token (ES) Can Be Used On Following Platforms With Upcoming Era Swap DAO Alpha Launch

- 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/>
- 5) **1DAAP Mobile App To Access Decentralized Ecosystem** <https://1daap.com/>
App Link: <https://play.google.com/store/apps/details?id=com.eraswaponeapp&hl=en>
- 6) **Decentralized Wallet** <https://eraswapwallet.com>
- 7) **P2P Freelancing Marketplace** <https://www.timeswappers.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/>
- 11) **Decentralized Prediction Platform** <https://www.betdeex.com/>
- 12) **Buy ES With Credit & Debit Cards** <https://www.computeex.net/>
- 13) **Blockchain Authenticated Decentralized Certificates Issuance & Surveys/Polls**
<https://certidapp.com/>
- 14) **Blockchain Authenticated KYC Verification** <https://kycdapp.com/>
- 16) **Send Prepaid Gift Vouchers To Friends** <https://coupondapp.com/>
- 17) **ES Explorer_Era Swap Blockchain Network Explorer** <https://eraswap.info/>
- 18) **Decentralized Renting Solutions** <http://rentingdapp.com>
- 19) **Decentralized Health Assistance To Book Appointments With Doctors.**
<https://www.curedapp.com/>

Platform Under Development :-

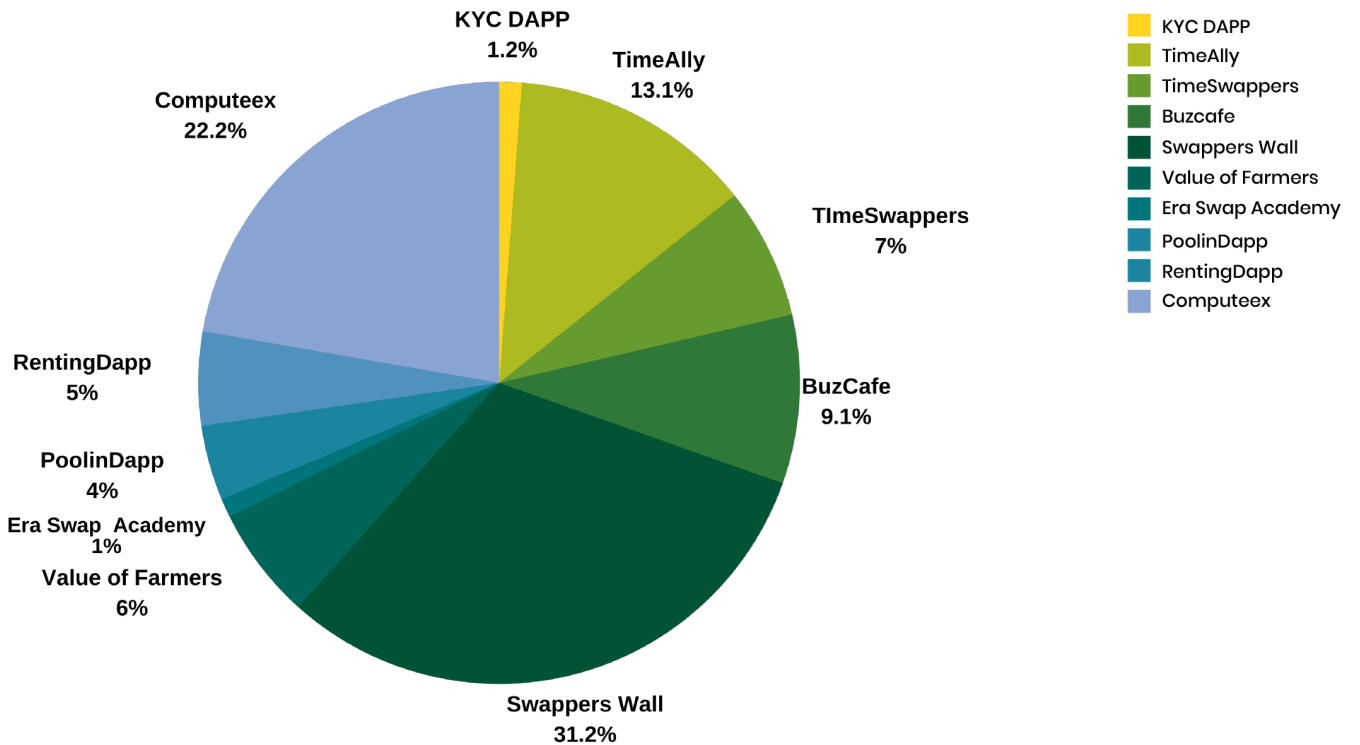
- 20) **Faith Minus_Decentralized Dispute Management** <https://faithminus.com/>
- 21) **Farming Solutions & MarketPlace** <https://valueoffarmers.org/>
- 22) **Date Swappers - Next Gen Dating & Match-Making** :<https://dateswappers.com/>
- 23) **Event Booking Marketplace Solutions** : <http://bookingdapp.com/>
- 24) **Charity Dapp_Decentralized Charity** : <https://charitydapp.com/>
- 25) **IPFS Based Data Storage m**<http://eraswap.cloud/>
- 26) **ComputeEx_Multiple Exchange Solution** <https://www.computeex.net/>
- 27) **Recycling Dapp_Blockchain-Powered Waste Management**
<https://recyclingdapp.com/>
- 28) **P2P Ride Sharing** <https://poolindapp.com/>

ILLUSTRATION OF USER ACQUISITION PROJECTION FOR 5 YEARS



*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



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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/>

Swappers Wall:

<https://swapperswall.com/swapperswall-pagewall/Era%20Swap%20Life/2020-01-14T19%3A18%3A01.896Z>

Thank You.



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