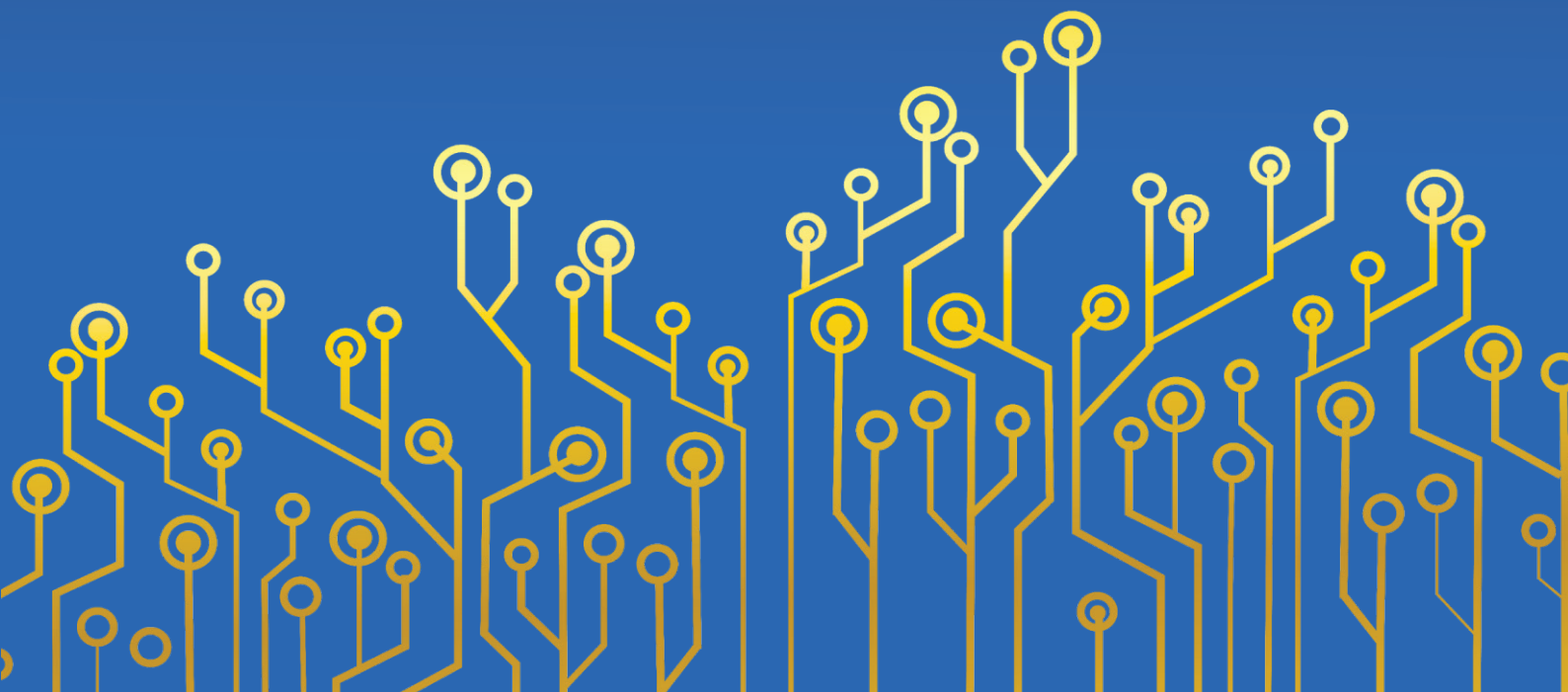




# **RICHMINT DAO**

**WEB 3.0 based Blockchain platform  
for ESG businesses**

LITEPAPER  
(Version 1)

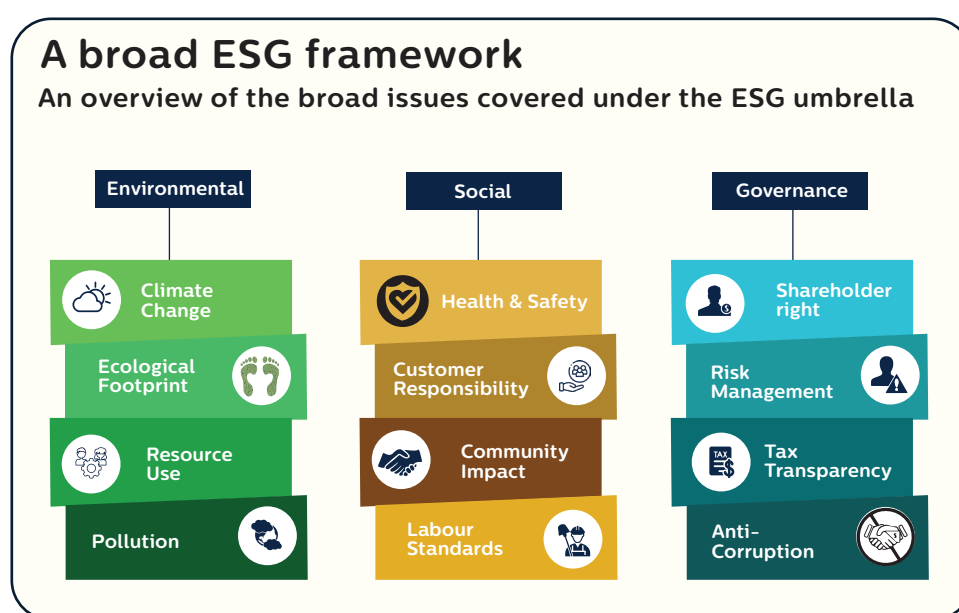


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# 1. VISION - RICHMINT

RICHMINT ecosystem envisions to provide a global range of audience with the necessary tools to decentralize the financing of sustainable infrastructure, tokenize emissions certifications to help assist ESG reporting become more consistent, standardized, effective and also make better use of existing infrastructure assets



Connecting Producers, Buyers, Market Intermediaries, and Lenders, RICHMINT equips them with standardized tools, processes, and smart contracts to facilitate transactions even in no-trust ecosystems. Energy Buyers are able to reduce their electricity costs to below-market rates at any given time with full transparency and ease. Project Owners are therefore able to contract the electricity output of their projects to a wider range of buyers, making it easier for their projects to secure financing.

RICHMINT Decentralized Autonomous Organisation (RICHMINT DAO) oversees the development, deployment and growth of this web 3.0 based Renewable Energy Ecosystem incentivizing all market participants to transition to renewables, to transact at speeds and tap into efficiencies the current standard processes cannot offer yet. Key milestones are stated below:

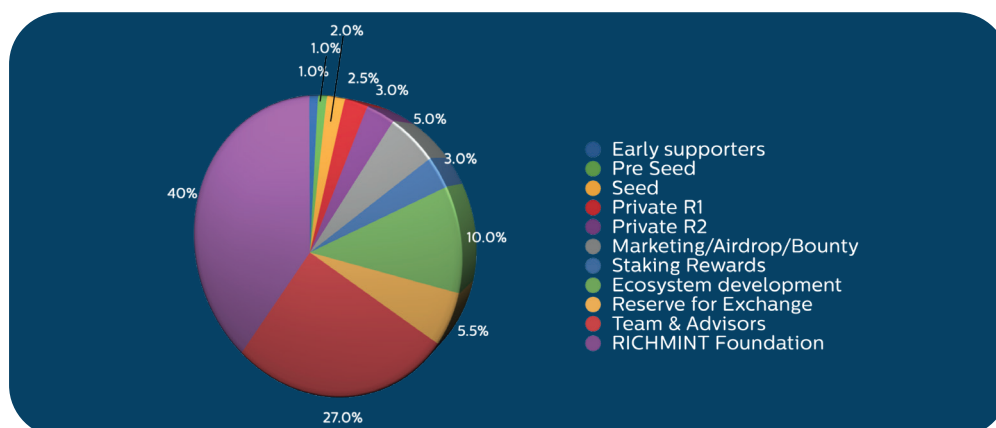


1. **Decentralize** the Financing of Sustainable RE infrastructure
2. **Tokenize** Emission Certification for Pollution control.
3. Standardize the Reporting & Efficient usage of Infrastructure for **ESG Governance**.
4. Decentralized Governance through **DAO** implementation.
5. Web **3.0 DAPPS** Ecosystem for seamless Track, Trade and Exchange of Environmental commodities.
6. Efficient **Smart Contracts** for Buyers and Customers thus reducing transaction cost.

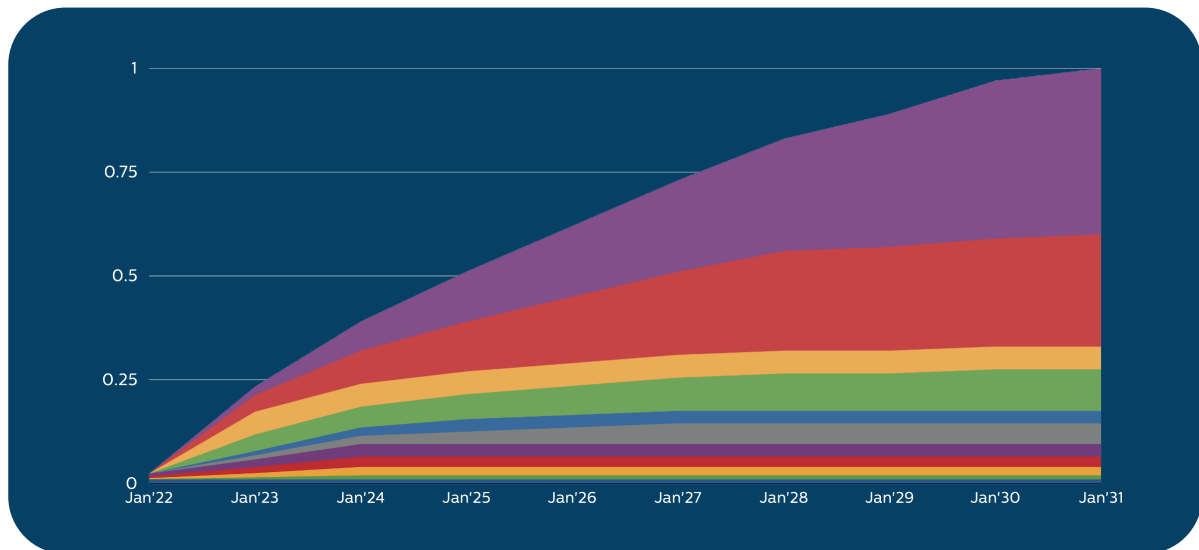
## 2. TOKENOMICS

ISSUER	RICHMINT DIGITECH SERVICES OÜ		
Token Symbol	RMW (ERC-20 based Utility token)		
Soft Cap	\$5 Million USD		
Hard Cap	\$50 Million USD		
Total Supply	10 Billion Tokens		
Period of Sale From - To	Stage of Sale	No. of RMW (in Mil)	Price per RMW
18 Jan–04 Feb 22	Pre Seed	100	\$0.01 USDT
07 Feb–19 Feb 22	Seed	200	\$0.02 USDT
21 Feb –12 Mar 22	Private R1	250	\$0.05 USDT
15 Mar– 28 Mar 22	Private R2	300	\$0.08 USDT
Accepted Currencies	USD, GBP, EURO BTC, ETH, BNB, LTC, TRX,USDT		
Eligibility	Subject to KYC & AML		

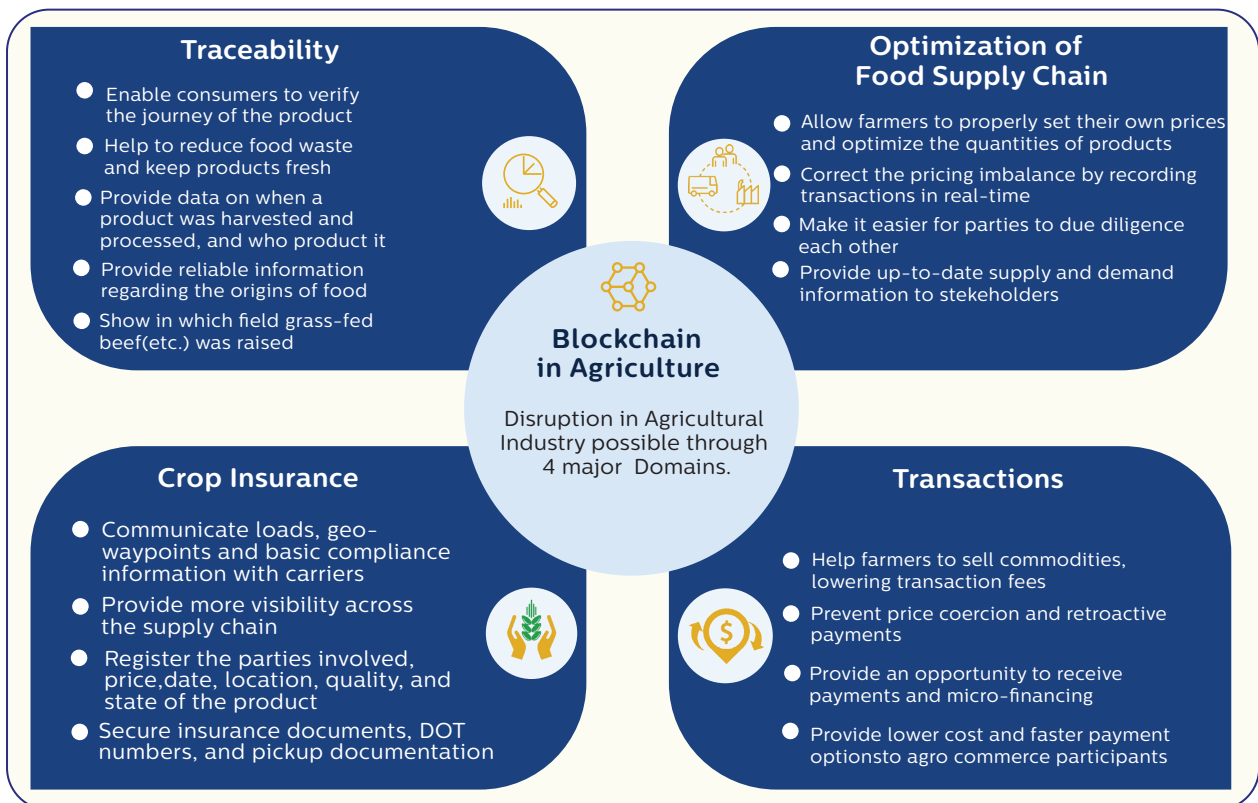
All Unsold tokens after ICO Sale will be Burnt.



## Token Distribution Mechanism



## 3. RICHMINT Dao and Use Case in Agriculture



### 3.1 Optimization of the Food Supply Chain

Providing information on the origins of food products is essential to ensure customer loyalty and confidence. Blockchain can essentially make any fruit or vegetable as safe to buy as the ones grown locally from a nearby farm.

With traditional supply chains, food retailers do not have an effective way of ensuring that all products were grown under conditions specified by a given supplier. That's why retail giants such as Walmart, Unilever, and Carrefour already resort to Blockchain for tracing food products' places of origin.

Moreover, the time it takes to track the origin of food is also massively cut down. Taking Walmart as an example, it took nearly a week to trace the origin of their mangoes. Through the Blockchain, this time is cut to a mere 2 seconds.

In case a product is not up to a retailer's standards, limiting the time it takes to trace a product's source is crucial as it empowers retailers to isolate this product more quickly thus minimizing the risk of harm to humans.

### 3.2 Transactions

Blockchain in Agriculture is uniquely positioned to help not only simplify transaction processes but also to level the playing ground for small-scale farmers and crop growers, especially from poor regions. Another benefit blockchain brings to the table is the ability for Agricultural producers to set prices more efficiently and effectively. This allows managing their output to match the demand for their products.

### 3.3 Crop Insurance

In Agriculture, smart contracts have unique implementations in the form of helping farmers insure their crops and claim damages with insurance companies. Normally, it is a painfully slow and burdensome process, both on the side of the grower and the company that insures them.



Unpredictable weather anomalies make it difficult to correctly estimate and quickly report the exact losses they cause. This leaves room for fraud and makes the process an operational nightmare.

Through setting up tailored smart Blockchain contracts, the damage claim can be triggered via changes to weather conditions that meet certain criteria, easing the process for farmers and insurers.

### 3.4 Traceability

Demand for organic, local products is constantly rising. Blockchain enables consumers to verify the journey of their product, tracing it from farm to table.

Moreover, it also provides data on when a product was harvested and produced as well as who produced it. This goes as far as to show consumers in which field their grass-fed beef, amongst other products, was raised – in a matter of seconds.

## 4. RICHMINT DAO and Use Case in Health Care

**Key concerns with Blockchain applications in healthcare include:**

- ❖ Network infrastructure security at all levels
- ❖ Identity verification and authentication of all participants
- ❖ Uniform patterns of authorization to access electronic health information

### Applications in healthcare

Blockchains in healthcare can be envisaged applications include the following.

#### 4.1 Seamless switching of patients between providers

The same information on the Blockchain could allow individual patients to easily unlock and share their health data with other providers or organizations, through a shareable private key. This could help to make health information technology (HIT) interoperable and collaborative between different users.





## 4.2 Faster, cheaper, better patient care

Blockchain can create a single system for stored, constantly updated, health records for secure and rapid retrieval by authorized users. By avoiding miscommunication between different healthcare professionals involved in caring for the same patient, innumerable mistakes can be prevented, faster diagnosis and interventions become possible, and care can be personalized to each patient.

## 4.3 Interoperable electronic health records

The Blockchain could provide a single transaction layer where organizations can submit and share data through one secure system, by storing a specific set of standardized data on the chain, with private encrypted links to separately stored information such as radiographic or other images.

## 4.4 Data security

Each individual has a public identifier or key and a private key, which can be unlocked only as and for the period necessary. Moreover, hacking would be limited by the need to attack each user individually to obtain private information. Thus, Blockchains can provide an immutable audit trail of health information.

## **4.5 Mobile health apps and remote monitoring**

Mobile health applications are becoming more important nowadays, with advancing technology. In this context, electronic medical records (EMRs) were found to be kept secure in a Blockchain network, and the data can be sent to medical personnel rapidly, as well as being available for self-monitoring and home care as well.

## **4.6 Tracing and securing medical supplies**

Blockchain can help secure, and identify the trail of, pharmaceutical supplies, with full transparency. It can even provide monitoring of the labor costs and carbon emissions involved in the manufacture of these supplies.

## **4.7 Health insurance claims**

The Blockchain is uniquely adapted to claim processing because of its ability to present medical events as they occurred, without the potential for changing the data at a later stage for purposes of fraud.

## **4.8 Tracking diseases and outbreaks**

The unique capabilities of Blockchain can help real-time disease reporting and the exploration of disease patterns that can help identify its origin and transmission parameters.

## **4.9 Safeguarding genomics**

With many companies bringing DNA sequencing to the individual, genomic data theft has become a major issue. Blockchain can prevent this, and even provide an online marketplace where scientists can buy genomic information for research purposes. This could promote safe selling and eliminate expensive middlemen.



## 5. Tokenized Renewable Energy

RICHMINT facilitates the global shift towards the generation and consumption of Renewable Energy by making the renewable energy purchase and disposal process simple, efficient and transparent by tokenizing RE

### 5.1 RICHMINT Finance (Ri-Fi)

Apart from RE buyers and RE generators, this ecosystem also includes investors and fund houses, which provide funds for setting up RE and sustainable projects. The platform will provide the investor community with substantial data for their due diligence and exposure to a large number of projects available on the platform.

Growing demand for ESG compliant companies to invest in, demands for features that enable investors to be able to verify, track ESG data in real time. When communicating ESG achievements, companies need quantitative metrics that verify their progress and authenticate what they are saying. Against a backdrop where corporate ESG activity is increasingly scrutinized by both regulators and ever more socially and environmentally conscious consumers, simply setting goals isn't enough. This means identifying key performance indicators (KPIs), measuring their position today, defining targets, and then developing and applying a plan to deliver these. As that plan is implemented, organizations must regularly report on their KPIs so that there is an auditable record of how they have come to achieve their goals. RICHMINT offers users with tools needed to verify, track, and analyze their ESG portfolios.

## 6. RICHMINT Value Proposition

### 6.1 Energy Generators

Project Owners are able to better contract the electricity output of their projects to a wider range of buyers, making it easier for their projects to secure financing. The platform facilitates users looking to set up RE projects to connect with suppliers, OEM, contractors, installation teams across the globe.



It also offers PPA's auctioning functionalities with auto-bidding, optimization & settlements. NFT Collatorization with fractional contracting & access to liquidity from De-fi to scale further.

## 6.2 Energy Buyers

Energy Buyers are able to reduce their electricity costs to below-market rates at any given time with full transparency and ease. The focus is to encourage the end consumers to take power generated from renewable energy sources like solar, wind, and Hydel without having to go through a haze of procedures and middlemen, thereby saving on time and cost to serve.

## 6.3 Investors

Integrated to De-Fi lending and features to tokenize the certifications proving sustainable credits into NFT's, investment opportunities are opened for a global range of investors to jump in. The defi space can efficiently accommodate shared ownership of renewable energy assets and allow trading renewable asset ownership.

## 6.4 Market Intermediaries

Market Intermediaries like energy brokers, consultants, flexible load providers etc can use RICHMINT's standardized tools, contracts and processes to deliver cost-effective services to a new segment of Energy Buyers, creating new business opportunities for themselves in the process.

## 7. Platform Broadbanding

RICHMINT is a well-diversified group with business interests in Agricultural commodities, Solar energy generation, and trade, minerals and metals, EV charging Infrastructure development, Pharma manufacturing, Healthcare, Med-Tech, FinTech services, e-commerce, and media.



RICHMINT DIGITECH SERVICES OÜ is part of RICHMINT Group of. Companies that are on the way to bring green revolution. RICHMINT DIGITECH SERVICES OÜ facilitates the global shift towards the generation and consumption of renewable energy by making the energy purchase, investment, and disposal process simple, transparent and accessible to all.

## 8. Renewable Energy Ecosystem

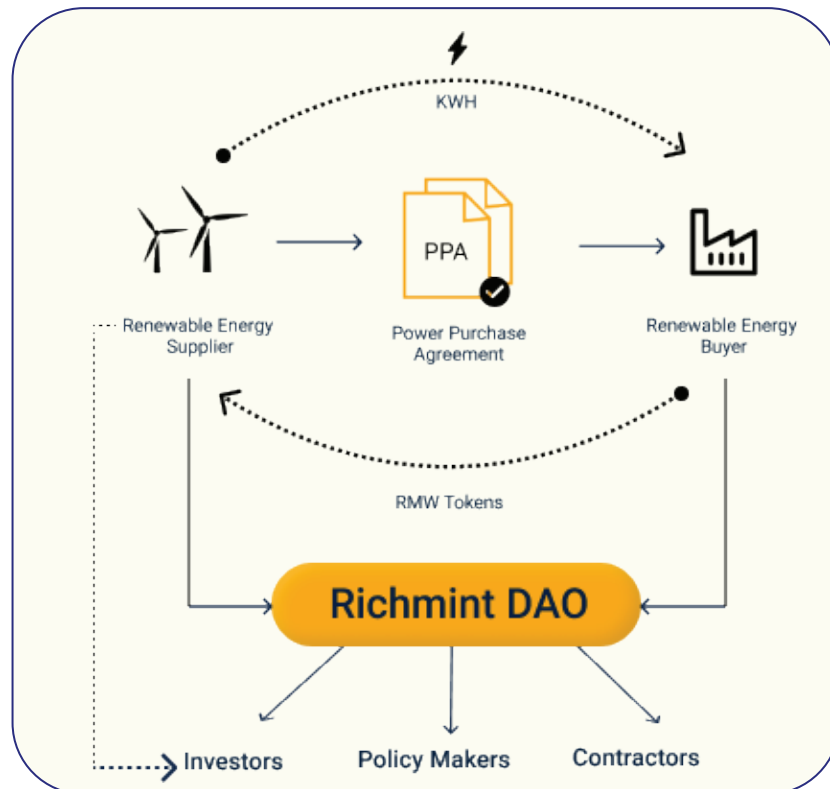
RICHMINT Group brings together stake holders from across the globe to create a renewable energy ecosystem that helps craft the next gen technological layer. Investors of all ranges play a very crucial role to drive the adoption of Renewable energy.



## 9. DAO

A Decentralized Autonomous Organization (DAO) is created to oversee the building, testing & shipment of the global RE energy trade experiences. The DAO pools in global talent pools and incentivizes them to create necessary protocol layers & Dapps for all stake holders to invest, manage & trade PPA's.





## 9.1 Smart contracts

First, a developer or group of developers must create the smart contract behind the DAO. After launch, they can only change the rules set by these contracts through the governance system. That means they must extensively test the contracts to ensure they don't overlook important details. The smart contracts are audited to ensure that all trades are conducted as per industry standards.

## 9.2 RPOs & RECs

Renewable Purchase Obligation (RPO) is a mechanism by which the Electricity Regulatory Commissions oblige entities to purchase a certain percentage of power from renewable energy sources.

The concept of Renewable Energy Certificates (RECs) seeks to address mismatch between availability of renewable energy and the requirement of the obligated entities to meet their renewable purchase obligation (RPO) by purchasing green attributes of renewable energy remotely located in the form of RECs.



The REC mechanism is a market based instrument, to promote renewable sources of energy and development of the RE market.

On the RICHMINT platform, a large number of renewable energy buyers and renewable energy generators pool together enabling potential RPO users to easily identify RE generators and meet the criteria by purchasing renewable energy power from them.

RICHMINT DAO will facilitate all eligible RE generators and buyers to process and obtain carbon credits

### **9.2.1 RE Marketplace**

Our ecosystem will feature a decentralized marketplace that will connect renewable energy project owners with suppliers, consultants and other intermediaries. Stake holders will be free to list their goods and services related to renewable energy and buyers will be able to find and make purchases through the marketplace. RICHMINT will add products, equipment, tools, machinery manufacturers who share the same niche to the platform. All these manufacturers will be able to list and sell all their products and services on our platform. Along with bringing manufacturers, renewable energy sellers, and buyers on our platform we will also bring RE installation workers into our ecosystem.

One can trade RE Energy as PPA's. One can also tokenize Carbon and Renewable Energy Credits(REC's) into NFT's on the platform. Each NFT will be uniquely valuable and priced accordingly. These NFT's can be traded or also be collateralized for liquidity.

### **9.2.2 Ri-Fi (NFT Marketplace)**

RICHMINT Renewable Energy Financing applications will enable markets to open up flow of De-Fi liquidity into traditional markets. Users will be able to access funds for their projects by staking or trading their tokenized PPA's, REC's or RMW tokens. Fractional Contracting options will be provided. Based on the credit capabilities investors are matched with projects that fit their investment appetite.

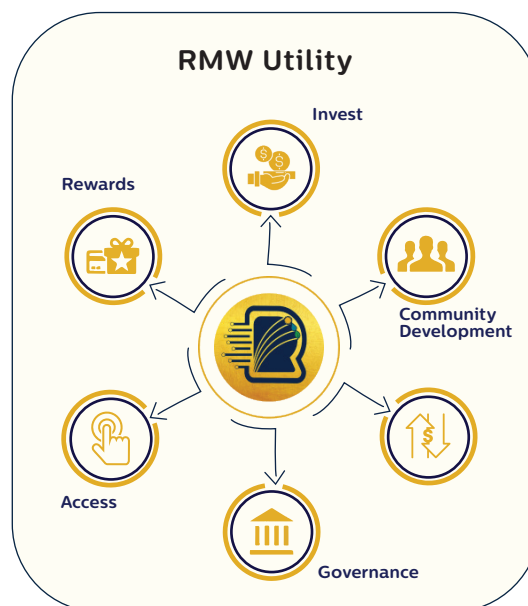


RMW tokens are required to generate RIT. RMW tokens will be escrowed for RIT in an Ethereum smart bond, and can only be unlocked from the smart bond upon the return of the RIT. RIT are a local market level token and are priced for the exchange market they are deployed in, e.g. In the US, 1 RIT = 1 USD. They allow for frictionless transacting throughout the RE Gen applications.

RMW tokens are tokens created on ethereum Blockchain using ERC20 standard. These have been first minted starting with the company's ICO, to act as a means of the digital financial settlement between Renewable Energy buyers and Renewable Energy generators.

## 10. Token Utility

Inside RICHMINT RE Ecosystem, RMW token acts both as a token & cryptocurrency allowing users to be able to use it for multiple activities. An initial overview of the utility is laid out as below.



## 11. Access Token

RMW token allows RE Retailers and their consumers to gain access to the P2P RE trading suite and other RICHMINT applications. One must first stake some RMW tokens to receive RIT's which can then be used to transfer RE through RICHMINT smart contracts. A priority access is given to RMW token holders to the PPA auctions. RMW token also acts as a token to access various channels on our token gated discord community.



## **12. Take part in Governance**

All governance is democratized, open and transparent in RICHMINT ecosystem. The DAO foundation, Stake holders, community players with skin in the game and tokens will be eligible to participate in the governance of Richmint DAO

## **13. RE Trade**

It can be used to make purchases for products & services inside the ecosystem. It's also used for cross border RE trade & remittance payments with a very minimal transfer fee. Settlement of payments on the RMW platform between RE Buyers and RE Generators will take place in RMW and pairs with other tokens like BTC, BNB, ETH, etc will be provided on DREX, DEX's and as compliances are through, even on the centralized exchange markets.

## **14. RE Invest**

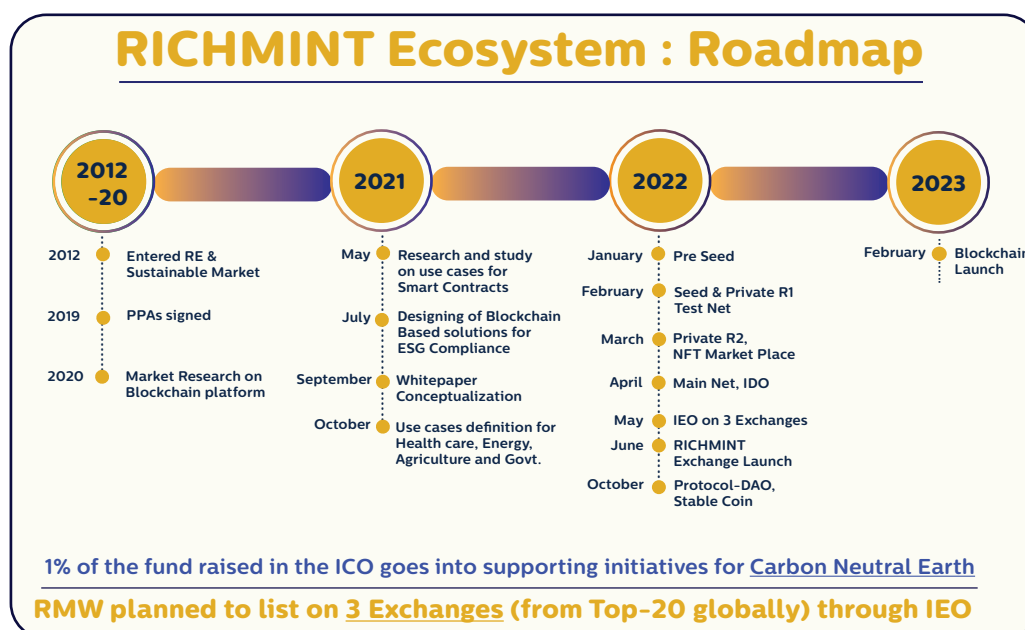
Investors looking to compound or grow the value of RMW tokens they hold will be provided with necessary data and features to be able to Stake, Loan or Invest from one dashboard. One can stake RMW to offer liquidity to our liquidity pools. One can jump into investing, loan to or help finance certain sustainable REGen projects, and make profits on their RMW tokens.

## **15. Community Development and Rewards**

RMW Incentivize energy consumers and investors in RE Projects. Receive rewards for activities which could help grow the RICHMINT ecosystem. A fraction of all transactions goes into the DAO treasury which will further allocate portions of the funds to fund community development initiatives and also to incentivize players across the RE ecosystem.



## 16. RoadMap



## 17. Legal Disclaimer

## 18. General Information

The RICHMINT Token (RMW) does not have the legal qualification of a security, since it does not give any rights to dividends or interests. The sale of RICHMINT Token (RMW) is final and non-refundable. RICHMINT Tokens (RMW, RIT, RSEC) are not shared and do not give any right to participate in the general meeting of RICHMINT.

RICHMINT Token (RMW) cannot have a performance or a particular value outside the RICHMINT Platform. RICHMINT Token (RMW) shall therefore not be used or purchased for speculative or investment purposes.

The purchaser of RICHMINT Token (RMW) is aware that national securities laws, which ensure that investors are sold investments that include all the proper disclosures and are subject to regulatory scrutiny for the investors' protection, are not applicable.

Anyone purchasing RICHMINT Token (RMW) expressly acknowledges and represents that she/he has carefully reviewed this white paper and fully understands the risks, costs, and benefits associated with the purchase of RICHMINT.

For more details refer our whitepaper ( new link required)

# THANK YOU



## TEAM RICHMINT

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