



TOKENISATION | CARBON CREDITS | RENEWABLE ENERGY

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## SCOPE OF APPLICATIONS

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We tokenise all climate actions leading to decarbonisation. Our use cases deliver value across a large spectrum of stakeholders from Enterprises, Industries, Individuals, Developers, Auditors and Investors, amongst many.

	TASK	ACTIVITY	DELIVERABLES	BENEFICIARIES
01.	Tokenise Carbon Footprint	Establish time-stamped ownership with real-time verifiable proof	<ul style="list-style-type: none"> <li>• Retail off-the-shelf carbon credits</li> <li>• Renewable energy credits / certificates, both bundled and unbundled</li> </ul>	<ul style="list-style-type: none"> <li>• Emitting businesses and individuals</li> <li>• Registries / Auditing agencies</li> </ul>
02.	Tokenise & Facilitate Pre-purchase of Carbon and Renewable Energy Projects	Record lifecycle, ownership and retirement to meet ESG guidelines of MRV (measure, report and verify)	<ul style="list-style-type: none"> <li>• Virtual and on-site renewable energy projects</li> <li>• Nature based projects</li> </ul>	<ul style="list-style-type: none"> <li>• Emitting businesses and individuals</li> <li>• Investors</li> <li>• Project developers</li> </ul>
03.	Tokenised Carbon Community	Carbon Pooling in Climate Investments, Carbon & Renewable Energy Projects and Carbon Credits	<ul style="list-style-type: none"> <li>• Create a pool of tokenized carbon credits amongst the integrated network of partners, alliances and industry bodies.</li> <li>• The carbon credit tokens are interchangeable on our platform like any cryptocurrency, amongst the network partners.</li> <li>• The tokens can be maintained as an investment, or used as a means to offset the carbon footprint.</li> <li>• In a true Net Zero spirit, the members within the network can contribute additional credits into the pool while some can consume and compensate their footprint.</li> <li>• The transactions will be automated using smart contracts so that the transactions are seamless, immutable and real-time.</li> </ul>	<ul style="list-style-type: none"> <li>• Supply Chain</li> <li>• Industry bodies</li> <li>• SEZs</li> <li>• Associations</li> <li>• Businesses</li> <li>• Conglomerates with operations spread across geographies</li> <li>• Basically anyone who are part of an organized industry or business grouping and can collectively operate</li> <li>• Investors</li> <li>• Project developers</li> </ul>
04.	Blockchain based Registry	Registry listing tamper-proof digital identity for Carbon Credits, Renewable Energy Credits and Alternatives like Sustainability Aviation Fuel	<ul style="list-style-type: none"> <li>• A blockchain-based registry for all environmental action and related certificates.</li> <li>• The objective is to increase adoption of offsets by improving on the transparency, traceability and verifiability of the lifecycles from generation and consumption.</li> <li>• Based on an immutable eco-system we can propose an alliance of corporate buyers for enterprises wanting to offset their emissions.</li> <li>• Objective is to get businesses to co-fund the decarbonisation through forward purchase agreements and book-and-claim mechanism secured by tokenization.</li> <li>• Ensure trust through data integrity, validate proof of ownership, and enable transparent tracking of the environmental benefits for customers.</li> <li>• Enhance investor engagement by providing transparent, traceable and verifiable records of ownership, transactions, and asset performance, fostering greater investor confidence and trust.</li> </ul>	<ul style="list-style-type: none"> <li>• Emitting businesses and individuals</li> <li>• Investors</li> <li>• Project developers</li> <li>• Auditors</li> <li>• Validating Registries</li> </ul>

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05.	Tokenised Green Bonds	Platform providing increased transparency of data along the value chain	<ul style="list-style-type: none"> <li>• Aggregation: bundle small to mid-sized projects, tokenise for providing sanctity and verifiability for investments.</li> <li>• Transparency: seamless data accessibility for every Investors owner of a token having data and economic rights associated with that token.</li> <li>• Measure Report Verify: evidence net zero investment alignment, including the requirement to obtain and report on specific, reliable and verifiable emissions data arising from their investment choices.</li> </ul>	<ul style="list-style-type: none"> <li>• Investors</li> </ul>
06.	Tokenised Sustainability Linked Bonds	Pre-purchase projects integrating carbon offsets with tokenised debt securities to deliver real additionality by emitting enterprises.	<p>Integrating Carbon Offsets with Tokenised Debt</p> <ul style="list-style-type: none"> <li>• We are positioned at the intersection of digital assets and tokenised carbon.</li> <li>• We are integrating the value of the emissions mitigation purpose of a project with its outcome, and delivering a combined issuance unlike prevalent market practices of having one process for issuing the green finance and another issuing carbon certificates later.</li> <li>• The investors have certainty that their pre-purchase investments are secure and will generate carbon credits in due course.</li> </ul> <p>Natural Capital Investments Focused on land, forestry, agriculture and potentially also blue assets.</p> <ul style="list-style-type: none"> <li>• The projects will apply the investments to achieve natural capital, particularly environmental protection and biodiversity focus benefits, alongside more traditional economic returns.</li> <li>• Projects which promote regenerative land use practices to enhance biodiversity, measure the gains then made and convert the outcomes into tokenised biodiversity units.</li> </ul>	<ul style="list-style-type: none"> <li>• Investors</li> <li>• Enterprises</li> <li>• Industries</li> </ul>
07.	Tokenise and Trade	We trade in environment certificates after duly tokenising them to equip our clients with a tamper-proof and provable trail of their offset	<ul style="list-style-type: none"> <li>• Renewable energy credits</li> <li>• Renewable energy certificates</li> <li>• Carbon credits</li> <li>• Alternatives</li> </ul>	<ul style="list-style-type: none"> <li>• Anyone wanting to offset their emissions and achieve Net Zero</li> </ul>



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