



Independent Power Solutions

Presents a Global First in Crypto Markets

Tokenised Carbon Credits from Source to Market

The Carbon Credit Factory

The energy sector is changing. New technology and changes in regulation have allowed for the creation of new and innovative business models. Sinan is exploiting these changes to both become the dominant independent energy utility to the commercial and industrial sectors, whilst facilitating the production of tokenised Carbon Credits from source to market.

Sinan Energy's innovative use of tokenisation allows token holders the opportunity to both earn and redeem valuable Carbon Credits. These are available in the form of tokenised Carbon Credits underpinned by transparent and verifiable blockchain technology; and generated by Sinan's own independent renewable energy plants. These Carbon Credits represent a compelling investment opportunity with significant returns.

As an asset class, Over the past 5 years Carbon credits have achieved a Sharpe Ratio of 3.35, during the same time Bitcoin had a Sharpe Ratio of 1.66 while the S&P 500 had a ratio of 0.99 and gold a ratio of 1.02. This clearly demonstrates the opportunity this new asset class represents in providing a risk reward ratio that far exceeds other major investments and is uncorrelated to other asset classes.



The Convergence of Three Major Trends

Sinan Energy is exploiting regulatory changes, changes in the market, and the application of new technologies to become the dominant independent energy utility to the Commercial and Industrial sectors as well as an innovator of tokenised Carbon Credits.

Decentralization

Just as miniaturization of processing power fuelled the drive to decentralization in the IT and Telecommunication industries, so too is the miniaturization of power generation plants fundamentally changing the energy industry. It is now possible for standalone renewable energy plants to produce power at a cheaper rate than large scale fossil-fired utility plants.

The Global Drive to Net-Zero

Major corporations and governments are under intense pressure to reduce carbon emissions and for good reason; the current trajectory of economic activity is simply not sustainable for the planet. With major Net-Zero emission targets set for 2030 and immovable targets set for 2050; carbon credits will become one of the most sought-after commodities. Carbon credits hence represent a new, rewarding and sustainable store of value.

Tokenization and DeFi

A global problem requires a solution with a global reach. The efficiency, agility and borderless nature of tokenization and the rapid innovation possible with DeFi financial instruments are well suited to meeting the requirements of deploying renewable energy infrastructure across the developing world.

The cumbersome and localized approach of traditional financial institutions and exchanges simply cannot meet the demand for new renewable energy assets at a sufficient rate and scale to mitigate the effects of climate change. Tokenization of Carbon Credits levels the playing field, giving everyone easy access to Carbon Credits, not just institutional investors or major corporates. Individual token holders have the opportunity to accumulate carbon credits directly from source and sell these back to industry players.



A Unique Investment Opportunity

The Sinan suite of renewable energy projects present a unique opportunity for individuals to accumulate increasingly valuable Carbon Credits with stable long-term cash flows and very attractive returns.

Opportunity Enabled by Regulatory Changes

Recent changes in the electricity regulatory framework have opened the door for independent power utilities to own and operate power plants that sell power directly to end users. Carbon Credits are increasingly backed by the industry and regulators as renewable energy production increases.

Opportunity Realised by Sinan Energy

Sinan Energy has exploited these changes in the electricity regulatory framework to build independent renewable energy power plants, either on site, or at remote locations, that have the potential to serve commercial customers better than traditional solutions.

Opportunity Facilitated by Tokenisation

The ability to capitalise on the Carbon Credits generated from these types of infrastructure projects has largely only been accessible to institutional investors. Tokenisation utilising blockchain technology and smart contracts enables token holders to accumulate the Carbon Credits facilitated by these plants.

Carbon Credit Demand

As the demand for Carbon Credits continues to grow, and prices rise exponentially, Sinan are enabling token holders the opportunity to participate in this high-growth market.

The global demand for carbon credits far exceeds supply with about 12 billion metric tons of CO₂ equivalent traded in 2021. This represents only 21.5% of estimated global greenhouse gas emissions. Carbon credits are one of the most liquid asset classes and demand is set to increase due to Net-Zero emission targets.

Sinan Carbon Credit Tokens can be traded on crypto exchanges or tokens can be materialized and traded on traditional carbon credit exchanges — enabling token holders straightforward and trusted avenues for selling their tokens and cashing out their investment when they choose.

By combining renewable asset ownership with a blockchain enabled platform and innovative smart contracts, Sinan removes intermediaries in the Carbon Credit value chain and creates more value for Sinan token holders.



The demand for Carbon Credits far exceeds supply.

Realising the Opportunity

The continued expansion of the Carbon Credit market, further driven by the global drive to Net-Zero creates a significant opportunity for token holders to reap returns from this high-growth market. Carbon Credits are expected to rise 10-fold in price by 2030.

Sinan Energy aims to realise the opportunity for token holders via a new model. A model that exploits regulatory changes, the creation of independent power plants, new technology and tokenisation. Sinan energy are facilitating an innovative solution for token holders to realise the opportunity from the rapid growth of the Carbon Credit market via the purchase of Sinan Energy Tokens.



Our Purpose

Sinan Energy aims to be the dominant Independent Energy Utility in each region that it operates. We're innovating an already disruptive business model to disintermediate the Carbon Credit market, while providing affordable renewable energy to commercial and industrial sector clients.

Sinan Energy's Strengths

We innovate relentlessly to provide new opportunities, cost efficiencies and value to our clients

1

Deep Expertise

Core team are experts in cutting-edge renewable energy technologies including solar, wind, hydro, geothermal and hybrid systems.

2

Strategic Location

Solar energy radiation in Africa (one of Sinan's key operating regions) is very high and ranks among the highest in the world for its yield.

3

Low Tariffs

Our business model efficiency enables us to offer tariffs that are lower than national and municipal alternatives.

4

Innovation Focus

We're constantly adopting and applying new technology that unlocks new opportunities and benefits for our clients.

5

End-to-End Approach

Unlike many competitors, Sinan Energy designs and constructs custom power plants for clients and focusses on minimising the lifecycle cost – maximising project ROI.

6

Technology Led

Sinan Energy utilises a proprietary digital platform to enable advanced visibility over its operations – resulting in greatly reduced overheads compared to state-owned utilities.

Leadership and Advisory Board

The Sinan Energy Leadership Team and Advisory Board comprises global experts from the energy, infrastructure, finance and crypto markets

Mohamed Madhi (BSc Eng, MBA, MSc Eng)

Mohamed has extensive leadership experience as CEO in the Energy, Mining and Telecommunication industries. He has over 25 years experience in the Engineering and Infrastructure space, particularly in renewable energy. Previous leadership roles include leading WorleyParsons Energy business for Europe, Middle East and Africa, CEO of Areva Southern Africa, Strategy Head at Harmony Gold, Capital Program Head at Eskom, Africa's largest utility and Director at the Council for Scientific and Industrial Research- the largest research institute in the southern hemisphere. Mohamed has also led President Mandela's Task Team on Technology Risk mitigation and founded or led various innovative tech start-ups including formerly Nasdaq listed CellPoint Systems, a company that was a global leader and pioneer in mobile location-based services.



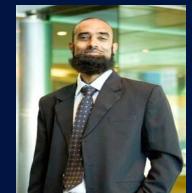
Thomas van Viegen (BSc Arch, PGD – Sustainable Development)

Thomas has 27 years experience in the environmental sustainability and management field. His has deep expertise embedding environmental and sustainability aspects into corporate, institutional and governmental structures across the developing world. He has been extensively involved in the design and management of decision support systems as well as policy and legislation relating to environmental impact management within the ambit of sensitive environments for over 24 countries across Africa, the Middle East and Small Island Development States. Thomas has advised many of the most notable International Institutions dealing with sustainability issues including the UN, IFC and the World bank. He is co-author of the Environmental Potential Atlas and a former director at Ernst and Young.



Zunaid Bulbulia BComm, Bcompt (Hon), CA (SA)

Zunaid Bulbulia is a qualified Chartered Accountant and was one of the founding members of the MTN, one of the largest mobile telecommunications operators in the Middle East and Africa operating in 22 countries. He held the position of Chief Executive Officer of MTN South Africa and Group Chief Operations Executive of MTN Group. During his 22 years with the MTN Group, Zunaid played a pivotal role in building the MTN Group into the giant that it is today. Zunaid also held the title of "CEO of the CEO's", with the CEO's of 20 of the countries reporting to him. He is an Adjunct professor at the Wits Business School where he lectures MBA students. Zunaid's experience and insights in building a multinational digital utility is invaluable to Sinan Energy.



Professor Baojin Zhao PhD, MSc, BSc – Geology and Environment, Geothermal Energy

Baojin is the Chair and Professor of the Belt and Road Initiative in Environment and Geosciences at China University in Beijing. He has also been a visiting professor at Yale University and serves on the Boards of various infrastructure companies. He has been instrumental in building relationships between Asian equipment manufacturers and infrastructure developers across Africa and Asia. He has authored a large number of publications and co-authored several books on geology, energy and the environment. He has an unparalleled network of relationships across the developing world at the highest levels and is key to Sinan Energy's long term growth plans and market penetration.



Leadership and Advisory Board

Mushir Khan BSc Eng, MSc Eng

Mushir has 25 years experience as a lead engineer in a variety of large-scale projects across the African continent. He headed the overall Engineering function for WorleyParsons Africa. He was responsible for all WorleyParsons renewable energy projects across Africa and the Middle East and led the construction of the largest solar project in Africa and the largest wind plant in Africa at Lake Turkana in Kenya – 300 MW. Similarly, Mushir was responsible for the delivery of both parabolic trough and tower type Concentrated Solar Plants in South Africa which were the first of their kind at utility scale. He is also recognised as a global expert in structural engineering on a variety of infrastructure projects including large wind farms.



Chris Els BSc Eng, MSc Eng

Chris has managed multiple power and renewable energy projects across Africa and the Middle East including numerous utility scale wind plants. He was formerly Project Director at WorleyParsons Advisian and a senior engineer at the Nuclear Pebble Bed Modular Reactor. At WorleyParsons he was responsible for the Programme Management of all WorleyParsons Advisian energy projects in EMEA. He has extensive experience in wind, waste to energy, nuclear, solar and gas fired power plants and has been responsible for the design of waste to energy plants in Guinea, Morocco, Botswana and Zimbabwe. Chris is also a certified Program and Portfolio Management Professional



Sinan Energy Token

**Sinan's mechanism for generating and allowing SET
token holders to redeem Carbon Credits**

Joining the Sinan Energy Token Community



Initial Token Offering

The initial SET token sale represents a unique opportunity for individuals and institutions to participate in the first funding round of the Sinan Energy roadmap (an independent renewable energy powerplant) — via a fair and transparent token-sale process.

- Proceeds from the token sale will be utilised to commence the construction of the first project in the Sinan roadmap — Project Sinan One (a 100 MW Solar plant) and the commissioning of other projects in the Sinan roadmap.
- Sinan power plants will generate additional Carbon Credits for token holders.
- SET token holders will be able to exchange SET tokens for Carbon Credits from Q4 2022.
- The capital will be raised through the issuance of Sinan Energy Tokens (SET) on the CopperLaunch platform from **13th to 20th January 2022**
- The first plant is expected to commence operation in September 2022.

The open sale gives everyone the opportunity to further the renewable energy movement while accumulating tokens that can be exchanged for Carbon Credits.

Overview of Carbon Credits

Carbon Credits are essentially permits – generated by projects that are cleaning up our atmosphere and offsetting emissions, to compensate for the emissions of other businesses. The increased trade of Carbon Credits could eventually lead to a significant reduction in the world's carbon emissions. They are an extremely valuable commodity that have grown in both price and demand over recent years.

Carbon Credit Price

Although not guaranteed, many industry experts are predicting the continued rise of the Carbon Credit price over the coming years as the need for renewable energy, the global drive to Net-Zero and the move away from traditional fossil fuels continues. This represents a substantial opportunity for token holders to take advantage of this lucrative market where demand far outstrips supply.

Carbon Credit Price Overview

Price of Carbon Credit Market EU, 1st Day of trading

Month	Price	% Growth
Jan - 2021	41.00 \$	25%
Feb - 2021	41.71 \$	2%
Mar - 2021	41.27 \$	(2%)
Apr - 2021	46.42 \$	12%
May - 2021	60.20 \$	30%
Jun - 2021	57.78 \$	(4%)
Jul - 2021	57.14 \$	(1%)
Aug - 2021	61.37 \$	7%
Sep - 2021	66.17 \$	8%
Oct - 2021	66.33 \$	0%
Nov - 2021	64.64 \$	(3%)
Dec - 2021	87.01 \$	35%



Carbon Credit Market Growth

The voluntary carbon market will have to expand substantially – 15-fold by 2030 and 100-fold for us to achieve net zero by 2050 (even once all other emissions are avoided, reduced and substituted). Currently valued at \$300 million, the market could reach \$50 billion in the near future.

- Deloitte

Opportunity Quantified

Sinan has a robust pipeline of long tenure, high yield renewable energy projects with the potential of providing consistent and increasingly valuable Carbon Credits for decades.

\$4 Trillion +

The market size for independent power generation is extremely large within the C&I sectors — with an estimated **value in excess of a \$4,000,000,000,000**. Uptake of renewable energy in the private sector is increasing rapidly. This represents high growth potential.

Net-Zero Targets

SET holders have the rare opportunity to receive a **long-term supply of Carbon Credits directly from the source**; from the operation of high-quality renewable energy projects. As corporates race to meet Net-Zero targets by 2030/2050 Carbon Credits become increasingly difficult to acquire.

Secured Carbon Credits

Offtake agreements for 95MW of energy output from these plants have already been secured through power purchase agreements with confirmed energy prices, thus **ensuring the generation of revenues and Carbon Credits** over the 20-year minimum life of the plant.

10x Value Uplift

SET holders receive Carbon Credit tokens gained from the operation of the underlying renewable energy assets. Carbon credits are **expected to increase 10x** in value over the next decade as corporations scramble to achieve Net-Zero. This global trend supports Carbon Credit price escalation.



Raise Details

Token Type

ERC-20

Token Supply

100,000,000 SET

Token Distribution

80% Public

15% Team*

5% Advisors and Service Providers*

* Tokens are locked for Sinan team & advisors.

Token Price

\$0.2475 LBP

Raise Target

\$100,000,000

Each million dollars raised will trigger the construction of 1MW of generating capacity. Up to a maximum of 100 MW for Sinan One.

Terms

Tokens are locked for Sinan team & advisors.

- 5% released on plant commissioning
- Thereafter 1 Year cliff and 3-year release.

Initial Token Offering

13th to 20th January 2022

CopperLaunch

Carbon Credit Prices

Carbon Credit prices are underpinned by corporate Net-Zero targets for 2030/2050.

Prices have doubled over the last two years and are expected to increase more than ten-fold before 2030

The long-term outlook for the price of Carbon Credits is very favourable, supported by immovable Net-Zero targets for 2050.



Token Economics

Sinan Energy's Token Model produces two different types of token
each with their own utility



Sinan Energy Token
(SET)

Tokens are only issued for projects with signed offtake agreements (PPA's). Currently Sinan has 100 MW of offtake agreements – Sinan will issue 100,000,000 tokens. Project tokens can be exchanged for SECC tokens exchangeable for Carbon Credits Certificates. It is envisaged to reinvest 80% of the proceeds from the sale of energy into more plant capacity and 20% in buyback of the token. The sale of energy does not reduce the carbon credits accrued to token holders

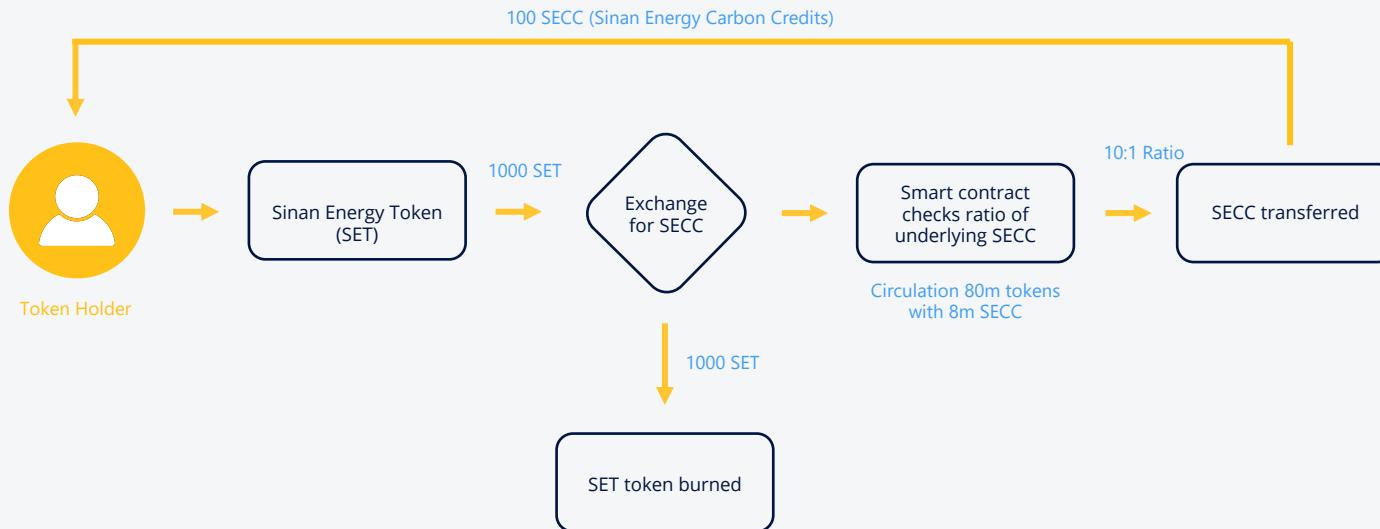


Carbon Credit Token
(SECC)

Sinan Carbon Credit Token represents actual carbon credits generated from the operation of the renewable energy plant. SET tokens can be exchanged by token holders for SECC tokens. SECC tokens can be freely traded on the open market and burned for Carbon Credit certificates. These Carbon Credits can also be sold on carbon exchanges for FIAT.

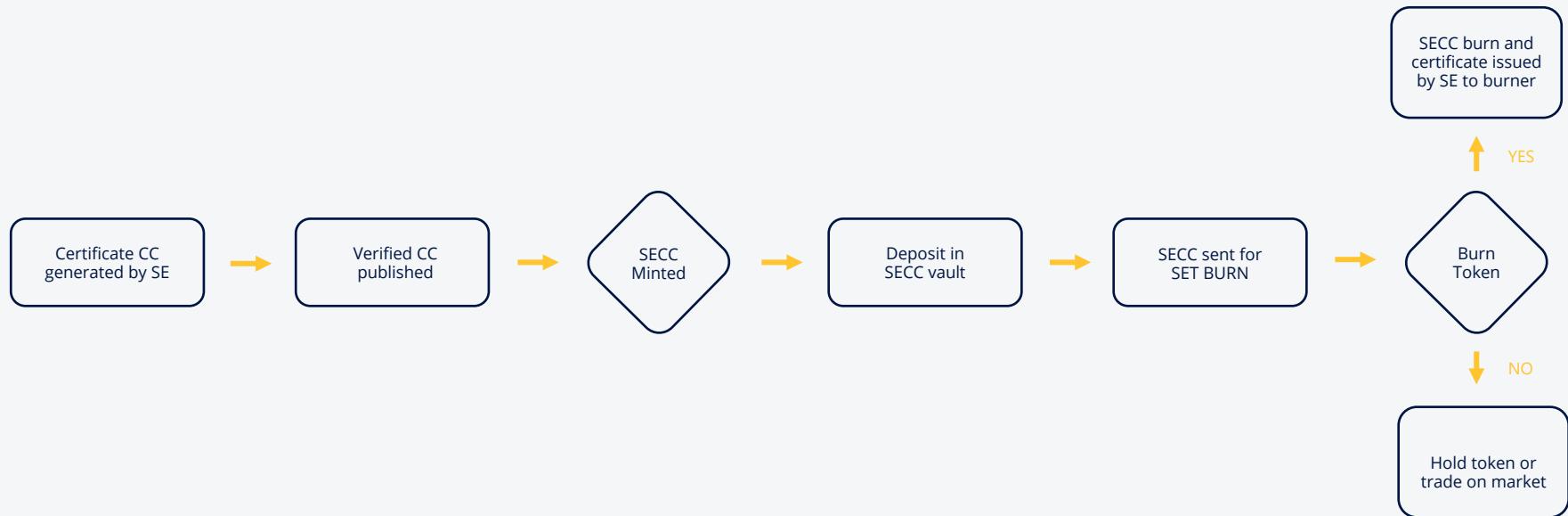
SET > SECC Exchange Flow

With example figures to illustrate



SECC Creation Flow

Basic overview of the mechanism



Carbon Credit Predicted Growth

Example Backing of SET token

With Carbon Credit prices expected to rise over the coming years, the table below is an example of the projected backing of the SET token.

Please note, this is a prediction that outlines an example of backing of the SET Token in Carbon Credits. Prices and returns are not guaranteed and are used as an example.

Example (Token Buyer A)

Year	1	2	3	4	5	6	7	8	9	10
Expected CC price with increase 10%	\$ 36	\$ 40	\$ 44	\$ 48	\$ 53	\$ 58	\$ 64	\$ 70	\$ 77	\$ 85

Expected CC per 1000 SET	3.43	7.38	11.24	15.28	19.56	24.12	29.03	35.93	43.95	53.32
Value \$ against SET token	\$123	\$292	\$ 489	\$ 732	\$1031	\$1398	\$1851	\$2520	\$3391	\$4526
%	10%	23%	39%	59%	82%	112%	148%	202%	271%	362%

Sinan Energy Roadmap

Roadmap for upcoming and future projects



Contact Details

For general information please visit sinanenergy.com

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Thank You

