



susnova

ISF White Paper

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Environmental Projects Tokenized

Including “Plastic Waste to Fuel”

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2. Abstract

ISF and Susnova are the symbol and name, respectively, for an ERC20 token utilised to acquire products and services generated and supplied by various environmental projects.

More details of the specific projects and partners will be available from time to time at <https://isf-token.com>

The use of the Ethereum Blockchain provides ISF tokens transparency, efficiency, and economy whilst also giving significant advantages for both the Holders and Cloud Horizon.



The ISF token will be listed on several public exchanges and is also compatible with any ERC20 compliant wallet application.

The technical mechanics of ISF utilisation in exchange for project-driven products and services will be simple, secure, transparent, traceable, and efficient.

ISF is delivered to aid in the support and development of projects that aim to tackle some of the biggest challenges facing mankind such as Plastic Waste, Deforestation, Air Pollution.

3. The Global Challenge (Plastic Waste)

As has been widely reported in various forms of mass media, the global problem of excessive plastic waste has reached crisis levels.

It has been estimated that in the 60-70 years since plastic production began, 8.3 billion tonnes of virgin plastic has been produced and nearly all the plastic ever created still exists in some form today.



An estimated 6.3 billion tonnes of plastic waste had been generated as of 2015, of which only 9% was recycled.

If current plastic production and waste management trends continue, 12 billion tonnes of plastic will be in landfills, and the natural environment by 2050.

Annual production of plastic is constantly on the increase with the global production reported to be around 315 million metric tonnes per annum.

4. Solution

The solution is the culmination of several timely factors:

4.1. Technology Innovation



Plastics are made from crude oil. By utilizing a process called Pyrolysis, waste plastics, such as used plastic bags, wrapping materials and packaging products, can be transformed from their existing solid state into their original liquid form, oil.

This oil, manufactured from plastic waste, is similar in character to crude oil, has a very low sulphur content and can be further refined into commercial fuel products, such as Diesel, Gasoline and Kerosene.

Pyrolysis is widely considered the most viable and environmentally friendly solution for the removal of plastic waste from the environment. Once the plastic has been converted into oil, it can also be partially used to create new plastic products, thus decreasing the need for the production of new crude oil.

4.2. Governmental controls set to raise demand for Low Sulphur Fuel Oil

On January 1st, 2020 the introduction of the much-anticipated, global regulation on sulphur allowed in fuels used by the sea-going vessels, has generated a fundamental change in the shipping industry.

The new regulation, set forth by the International Maritime Organization (IMO), has reduced the allowed maximum level of sulphur from 3.5% previously to a new maximum of 0.5%.

As ship owners, traders, and oil refineries started to navigate the wide-reaching implications of the single biggest specification change in recent history, Low Sulphur Fuel Oil has now become a new global commodity.

Oil manufactured from consumer waste plastics by using the Pyrolysis process has by default very low levels of sulphur, making it a highly sought after fuel product for international oil companies.



Whilst it's envisioned that the majority of this oil will be refined into higher-grade fuels downstream, it can also be used to power low-speed Diesel engines from source.



As a stable technology base, the viability of the production model has been proven with genuine use cases. Independent fuel analysis testing has also proved Pyrolysis Oil to be of superior quality.

4.3. Socium Development Company Ltd

Socium Development, an International Energy and Environmental Development Company, established in Thailand and in The Netherlands, with its Head Office located in Bangkok, is bringing together great relationships and an unparalleled understanding of global business to rest with best of breed technology innovators.

Socium Development coordinates and develops environmentally friendly and ecologically important businesses and projects. Its objective is to build value chains by creating partnerships with various business, technical, financial, and governmental operators/institutions around the world.

With its innovative "Project" -based approach, Socium Development enables Pyrolysis Oil production at its "Production Facilities", by launching its operations with a "Pilot Phase", followed by further "Expansions Phases".



By launching its operations under a Pilot Phase, the Company can grow its operations organically and scale the production with reduced risk and costs while increasing efficiency and effectiveness.

Initial operations at each Production Facility starts with a Pilot Phase, during which Socium Development will reach a monthly production output of 120,000 liters of Pyrolysis Oil, while removing approx. 240,000 kilos of waste plastic from the environment each month.

In order to reach this initial target, Socium Development utilizes two Production Units, each capable of intaking approx. 120,000 kilos of waste plastic and producing approx. 60,000 liters of Pyrolysis Oil per month.

Socium Development has set its target for each Production Facility to reach a monthly production output of 600,000 liters of Pyrolysis Oil while at the same time removing over 1.2 Million kilos of waste plastic from the environment each month.

To reach this overall target, the Company plans to install a total of 10 Production Units to each Production Facility, within 18-24 months from the launch of each Project.

One individual Production Facility is therefore projected to produce approx. 7.2 Million liters of low sulphur Pyrolysis Oil per year, while at the same time removing over 14.4 Million kilos of waste plastic from the environment.

Socium Development aims to build a worldwide network of Production Facilities and to reach a production target of +1 Billion liters of Pyrolysis Oil per year.

4.4. Industry compelled to buy (Government Legislation)

The range of buyers for the low sulphur Pyrolysis Oil is wide. Due to the versatility of the oil, it can be either further refined into various commercial fuel products or used partially as a feedstock in chemical recycling, such as converting it into new plastic products.

The oil manufactured by Socium Development will be made available to various buyers, such as:

- Governmental Authorities and Departments
- Regional and international oil refineries
- International oil traders
- Plastic manufacturers
- Logistic, marine and transportation companies



5. Our Token

5.1. Distribution

There are several channels from which ISF can be acquired including but not limited to various public crypto exchanges.

Further details will be provided on <https://isf-token.com> as the sources come online.

5.2. Utility

ISF tokens can be exchanged via the ISF platform for products and services created and supplied by environmentally friendly projects. The first projects being Pyrolysis oil which will help irradiate the plastic waste pollution of our planet and improve air quality.

Details of the platform and the exchange mechanisms will be introduced on <https://isf-token.com> and/or <https://socium-development.com>.

5.3. Technical detail

	Attribute	Details
1.	Symbol	ISF
2.	Name	SusNova
3.	Supply	40,000,000,000 (40 Billion)
4.	Decimal Places	18
5.	Contract Details	ISF is a verified smart contract at CA 0x3F9C0211E9DdFCcabD614162FFb768F5a7a8ab38 on the Ethereum Blockchain.

6. Projections

Cloud Horizon will undertake a variety of global projects once a scalable model of pilot through to large scale operations is established with a given project thread.

The initial focus is related to Waste Plastic to fuel. In this section, the Whitepaper provides some indication of this singular thread of activity.

Readers are advised to visit the token website at <https://isf-token.com> frequently to gain additional insights into the many projects that will be introduced over the coming months and years.

6.1. Immediate Term Projection

6.1.1. Launch of the Pilot Project (Q2/2020)

A Company, “Socium Thailand Company Limited” is launched and its Pilot Phase operations are initiated with a targeted single machine production output of approx. 60,000 liters per month.

**The Facility has a target to increase its operations to 10 Production Units and to reach a production output of approx. 600,000 liters per month or 7,200,000 liters per year.

6.2. Medium Term Projection

6.2.1. 1st Expansion (Q4/2020 – Q1/2021)

Four Additional Production Units are added into the operation, increasing the production output by 240,000 liters to a total of 360,000 liters per month.

6.2.2. 2nd Expansion (Q3-4 2021)

Additional four reactors are added into the operation, increasing the production output by 240 000 liters, to a total of 600 000 liters per month.

6.3. Long Term Projection

Cloud Horizon have a tremendous vision of scaling various operational projects across the planet in a meteoric attack on environmental issues.

Great care is being taken with the early pilot projects and initial expansion activities to ensure a reliable, repeatable process-driven plan is firstly prepared and, just as importantly, executed leading to full operational status

7. Legal Info

7.1. General Information

40 billion ISF were created using a smart contract deployed to the Ethereum Blockchain on January 30th, 2020.

Contract Address:

0x3F9C0211E9DdFCcabD614162FFb768F5a7a8ab38

Tokens are distributed through various developing channels. More details will be released from time to time on the token website.

<https://:isf-token.com>

ISF is a token that will allow the Holder to access the service and products related to a number of environmental projects including, but not limited to, Plastic Waste to Fuel.

Additional information will be provided from time to time on the ISF website.

<https://:isf-token.com>

The ISF token does not give or infer any rights to dividends or interests and is a utility token and does not have the legal classification of a security. Furthermore, ISF tokens are not shares and do not give any right to participate in the general meeting or affairs of Cloud Horizon.

ISF tokens are to be traded on public exchanges. ISF tokens are to be used as a utility to acquire products and services created by various environmentally advantageous projects.

ISF tokens shall not be acquired for speculative or investment purposes.

Prospective Holders should ensure they are aware that the Federal Act on Stock Exchanges and Securities Trading law and the Financial Market Infrastructure Act, 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 acquiring ISF tokens expressly acknowledges and represents that they have carefully reviewed this Whitepaper and fully understands the risks, costs, and benefits associated with ISF.

7.2. Knowledge Required

All Prospective Holders of ISF undertakes that they have a strong understanding and significant experience of tokens, crypto assets, blockchain systems, and related services, and as such fully understand the associated risks, as well as the mechanism related to the use of crypto assets (incl. Wallets and Storage).

Cloud Horizon shall not be responsible for any loss of ISF or for situations making it impossible to access a Holders ISF tokens, which may or may not have resulted from any actions, inactions or omissions of the Holder or Prospective Holder

In addition to the foregoing Cloud Horizon shall not be responsible for any losses due to hacker attacks in whatever form, hardware failure, and/or software failures and/or software shortcomings.

7.3. Risks

Acquiring and storing ISF tokens involves various risks. In particular, the risk that Cloud Horizon may not be able to progress the various projects to operational status and provide the products and services envisioned. Therefore, and prior to acquiring ISF tokens, any Prospective Holder should carefully consider all the risks, costs, and benefits of acquiring ISF tokens and, if necessary, obtain any independent advice in this regard.

Any interested person who is not in the position to understand and accept the risks associated with acquiring ISF (incl. the risks related to the non-delivery of the projects) or any other risks as indicated in this Whitepaper and on the ISF website (including but not limited to the terms and conditions on the site) should not become a Holder.

7.4. Disclaimer

This white paper :

- a. shall not be considered as an offering of securities in any jurisdiction and cannot be considered as an invitation to enter into an investment
- and
- b. is not to be considered as a recommendation and should not be used as a source of information on which to base any investment decision
- and
- c. does not constitute an offer or an invitation to sell or buy shares, securities or rights belonging to Cloud Horizon Limited together with its partners and associates

The ISF tokens

- a. are just utility tokens which can be used within projects supported
- and
- b. are not intended to be used as an investment
- and
- c. are to be listed on several exchange platforms. This is done to allow the use of the tokens platform and not for speculative purposes

and

- d. being listed on an exchange platform will not change the legal qualification of the token, which remains a simple utility token and is not a security

Cloud Horizon is not to be considered as an advisor in any legal, tax, or financial matters.

Any information provided in this Whitepaper or any website content created by Cloud Horizon is for general information purpose only, and no warranty is provided as to the accuracy and completeness of this information provided.

Each Holder is strongly advised to carry out a legal and tax analysis concerning the acquisition through the ERC20 contract at the CA using any tool or process, storing at an EOA or otherwise, and using ISF tokens according to their nationality and place of residence.

Cloud Horizon will do its utmost to launch into operational status the various projects.

Anyone undertaking to acquire ISF tokens acknowledges and understands that there is no guarantee that any project will be successfully transitioned into operational status.

ISF tokens will be issued by transparent blockchain transactions on the Ethereum Blockchain over which Cloud Horizon have no influence or control and as such has no rights or liability in terms of its development and operation.

The token delivery mechanism will be controlled by the ERC20 Smart Contract; this involves a computer program that can be executed on the Ethereum Blockchain.

ISF tokens are based on the Ethereum protocol and therefore, any malfunction, unplanned function, or unexpected operation of the Ethereum protocol may adversely affect the utility and operation of the ISF token.

7.5. Representation & Warranties

By acquiring and/or holding ISF you represent and warrant that you

- a. have read carefully this Whitepaper and the full contents of the <https://isf-token.com> website and agree to the full contents and accept to be legally bound by them

and

- b. are authorized and have full power to acquire and hold ISF tokens according to the laws that apply in your jurisdiction of domicile

and

- c. are are not a U.S. citizen, resident or entity (a “U.S. Person”), nor are you acquiring ISF tokens or signing on behalf of a U.S. Person

and

- d. live in a jurisdiction which allows Cloud Horizon to issue and distribute ISF without requiring any local authorization and are in compliance with the local, state and national laws and regulations when interacting with ISF tokens in any way

and

- e. are familiar with all related regulations in the specific jurisdiction in which you are based and that acquiring cryptographic tokens in your jurisdiction is not prohibited, restricted or subject to additional conditions of any kind

and

- f. will not use ISF tokens for any illegal activity, including but not limited to money laundering and the financing of terrorism.

and

- g. have sufficient knowledge about the nature of cryptographic tokens and have significant experience with and functional understanding of the usage and intricacies of dealing with cryptographic tokens and blockchain-based systems and services.

and

- h. acquire ISF tokens because you wish to have access to the products and services flowing from the various projects supported by Cloud Horizon

and

- i. are not acquiring the ISF tokens for the purpose of speculative investment or usage

8. Definitions

In this Whitepaper, the following terms have the meanings specified below

- a. “We” and “Us” and “Cloud Horizon” refer to Cloud Horizon Limited, its employees, associates, partners, agents, and affiliates.

- b. "Socium Development" refers to Socium Development Company Ltd
- c. "SusNova" and "ISF" and "ISF Token" and "ISF Tokens" refer to the ERC20 token as recorded in the smart contract at contract address:

0x3F9C0211E9DdFCcabD614162FFb768F5a7a8ab38

on the Ethereum Blockchain.

- d. "Holders" refers to individuals (independently or as part of an organized or dis-organized group or incorporation who hold ISF at an externally owned address on the Ethereum Blockchain.
- e. "Potential Holders" refers to individual (independently or as part of an organized or dis-organized group or incorporation who is/are considering becoming a Holder (as defined above) of ISF at an externally owned address on the Ethereum Blockchain.
- f. "CA" refers to a contract address on the Ethereum Blockchain.
- g. "EOA" refers to a none contract address on the Ethereum Blockchain.

susnova