

CowFart

Crypto

WHITE PAPER



What is COWFART ?

Cowfart Token is a meme coin that takes different approach from another meme coin. We don't only create a common meme token, we create a meme token that is intended to contribute in cow preservation and developing its work movement.

The token is called \$COWFART. We use ETHEREUM (ERC20) as our core blockchain. As a token that is created in Decentralised Finance (DEFI) era, we also prepare to build some features to provide our users a better way where they can do financial transaction independently.

Those features are COWFART Wallet, COWFART Swap, COWFART Earning, COWFART Saving, and COWFART Farming. If we can simplify our vision in short words, we have three words that become our main vision, namely: SAVING COW, USE COW PRODUCTS, and AWARENESS OF COW.



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History of MEME :

Meme term coined by Richard Dawkins, an evolutionary biologist, originating from his 1976 book *The Selfish Gene*. By definition, meme is an idea, behaviour, or style that spreads by means of imitation from person to person within a culture and often carries symbolic meaning representing a particular phenomenon or theme, In a simple analogy, gene is for biological evolution and meme is for social evolution.



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Meme in Internet era :

Meme term became more viral when Internet started spreading the world. In 2009-2010, a group of people started building a website called <https://9gag.com> with the intention of creating an alternative online platform to email on which users could easily share humorous photos or videos.

The ideas went viral and we started facing a new form of meme. At the moment, Bitcoin (<https://bitcoin.org>), the first blockchain protocol in the world, was born. The world dealt with two big inventions, (1) Bitcoin and (2) Digital Meme.

In 2020, when people suffered from the impact of COVID-19 and economic recession, some people still had optimism to build a better world. DEFI and Non-Fungible Token (NFT) were born. Those concepts helped so many people to survive and develop their life in crisis period.



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Why COWFART ?

Cow farts are harvested on daily basis to remediate global warming , current situation of our planet is feverish, just because we as mortal beings cannot comprehend our ability to foresee the cycles of change in terms of 50 or hundred or thousands of years we have created this platform where everyone can harvest cowfart for the wellbeing and virtual satisfaction for most intelligent beings on the third rock from the almighty Sun.

How would cowfart help in achieving Daily tangible goals. Well we have figured out a way through our technological prowess and negligible understanding of the universe that every sentient being on this planet can contribute to the bigger picture and for a moment consider each of us as centre of our universe.



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Cowfart :

Our main goal is to put our hypocritical ideas into actions, we have to take certain steps to achieve these goals

Steps 1. Make sure we understand that our planet is part of a solar system, and our solar system is part of a Galaxy we call Milky-way, and milky way is part of a global nexus of solar systems which creates this universe, I meant to skip the steps from solar system to the nexus because we as normal being cannot comprehend the vastness of the universe.

Now that we know that we are tiny dust particles with respect to the universal existence we know who has the ultimate authority, at least we know where the power lies and who are authoritative

Step 2, we know that we respect universal authority, it's time to transfer the authority from the universe to each and every one of us, we can only do that by being aware of our surroundings and being selfish on what we use daily the materials of convenience have to be tested and that is how we will be able to transfer the authority from the universe to our selves and in the process making our selves centre of the universe and authoritatively practicing steps to be bigger than the universe itself.



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Why COWFART ?

Cowfart can be used for transactions to donate feed for animals, farming equipment to provide better living conditions for animals, as well as making sure that the animals are not harmed in anyway and can live their natural course of life happily and healthy

To make sure each an every animal designated under the Cowfart umbrella is taken care in the right manner, we have come up with a solution for tracking each animal through noninvasive tagging technique which would help track the animals in the field at large track in real-time and have health statistics of the herd and individual available for every one to see online as well as the the data will be encoded over the blockchain transactions which would enable an open-source health report of the animal to make sure if any disease strikes then the report is available over the blockchain which can be filtered through individual tags.



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Technology :

Our technique to develop new tags over the ERC-20 / BSC will be a revolution in tracking and tagging open source ecosystems which when developed will help not only animal health to be tracked but an open source platform which will be available for general public with wearable devices such as heart monitor, palpitation's monitoring, arrhythmia, irregular heart beat or race conditions can be monitored on real-time basis and encoded over the network.

How we will address the security part of the network is every tag can be generated independently and cannot be accessed by another party independently but generation of the tag will also depend on a unique key being on basis of which the tag will be accessible, this will make sure that the tag generated will encode data over the blockchain but to access the data and decode the tag, the person who has generated the tag can share the key information via any other means to the concerned party, it could be a doctor, health expert, physiotherapist, or any information which needs to be shared with the concerned party to remediate health situation will be able to share independently but securely.



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Technology cont..

The same technique can be used to track a herd of animals at a higher level, or one person can share a real-time link tracking to a group of people by providing them access key of the tag and community at large can access the network and stream what every bit of information shared with respect to the particular tag.

The opportunities for development of a decentralised platform are endless and can be expanded upon more adaptation of CowFarts as soon as the Farts will increase they can be directed to the community and be distributed in a democratic manner to make sure adaptation of the truly independent and decentralised system is taking effect and more the number of nodes generated more will the system be sure and distributed.

We are currently working on sensor distribution in European countries, Australia, Asian subcontinent, North-South American countries and Africa. We are working on nodes to be globally deployed and independently accepted to create a reliable decentralised network which has no monopoly, and uses the technology of the past present and future without the concept of planned obsolescence to preserve economic wealth as well as to curb inflation over long term.



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USES OF COW PRODUCTS :

Bio-Plastics

The manure is collected at the farm of origin and treated in such a way that allows for the extraction of the right components, both from the liquid and solid fraction of manure. An optional step is to extract the fermentable components and use them to manufacture the process chemicals necessary for 'pulping' and acetylation. The pulping and acetylation turns the cellulose that is extracted from the solid fraction of the manure into high-grade cellulose pulp and bio-plastic.



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USES OF COW PRODUCTS :

Bio-Energy

At CowFarts, manure is mixed with other organic materials that mostly come from a small company nearby that produces deep frozen vegetables. What the company can't use in its products is then sent to CowFarts to make energy. It is combined with cow manure that is brought in from nearby farms. Along with these products, corn grown at the plant and food waste are also fed in stages through a number of processing tanks where the organic waste products are fermented. This then produces biogas along with a rich fertiliser that is highly sought after by local farmers. In total, the fermentation process takes about 25-30 days.

This is a single-step fermentation process the fermentation process can be divided into four steps, and those four steps take place in the digester, a 1,000 cubic meter facility that contains a tank that degrades the biomass into valuable fertilizer and biogas." The biogas is then placed in a so-called "co-generation unit" that combines heat and power to generate electricity. The company is paid an attractive premium of about 10 euro cents a kilowatt hour for the electricity it produces from biomass.



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USES OF COW PRODUCTS :

Bio-Fertilizer

Cow manure is not only an agricultural waste, but also an organic fertilizer resource. The application of organic fertilizer is a feasible practice to mitigate the soil degradation caused by overuse of chemical fertilizers, which can affect the bacterial diversity and community composition in soils. However, to our knowledge, the information about the soil bacterial diversity and composition in tea plantation applied with cow manure fertilization was limited. In this study, we performed one field trial to research the response of the soil bacterial community to cow manure fertilization compared with urea fertilization using the high-throughput sequencing technique of 16S rRNA genes, and analyzed the relationship between the soil bacterial community and soil characteristics during different tea-picking seasons using the Spearman's rank correlation analysis.



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USES OF COW PRODUCTS :

Bio-Buildings

The simplest and oldest earth-based building technique is cob, which is an amalgamation of soil (dug for the foundation), clay, cow dung and straw. The proportion depends on the type of soil in the local region. Cob is a great thermal mass, which means that it stores heat energy and releases it very slowly, thus maintaining a constant interior temperature even with large temperature swings outside. It keeps the interior of the building cool in summer and warm in winter. Construction with cob therefore makes the building energy-efficient. Adobe is another earth-based construction technique. Adobe is made from sand, clay, and water, together with fibrous materials like straw and cow dung, which is shaped into bricks using frames and sun-dried.



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USES OF COW PRODUCTS :

Soil Stabilizer

Now why is cow dung used in the construction material? Cow dung acts as a good binder and a thermal insulator. The fibers present in cow dung also prevent cracking. Modern scientific studies show that cow dung functions as a soil stabilizer. A soil stabilizer is a material that improves the durability of the soil by increasing its strength and resistance to water. In an investigation on the use of cow dung as a soil stabilizer in the construction of Adobe bricks, bricks with different cow dung – soil ratios were tested for compressive strength, permeability, erosion and cracking. The results showed that the ratio of 1:4 (cow dung: soil) had the highest compressive strength and resistance to erosion. The ratio 1:5 had the highest resistance to water permeability. Furthermore, there was minimum cracking in all the treatments.

In another research study, the effects of cow dung on microstructural changes in Adobe bricks were investigated by the method of X-ray diffraction, thermal gravimetric analyses and scanning electron microscopy. It was found that cow dung reacts with kaolinite and fine quartz to produce insoluble silicate amine, which glues the isolated soil particles together. Also, it was observed that the significant presence of fibers in cow dung prevents the propagation of cracks in the brick and reinforces the material, leading to a homogeneous Adobe microstructure. There was a significant improvement in the water resistance of the bricks, making Adobe stabilized by cow dung an advantageous building material for wet climates.



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USES OF COW PRODUCTS :

Cancer Prevention

Go-mutra therapy provides an especially rich and provocative research topic. The ancient scriptures of ayurveda consider cow urine to be the elixir of life. Cow urine is one of the five contents of Panchagavya which obtain from cow (urine, milk, ghee, curd and dung). Cow based treatment is called as Panchagavya Chikitsa (Cowpathy). Cow urine is a divine medicine and is used for treatment of diabetes, blood pressure, asthma, psoriasis, eczema, heart attack, blockage in arteries, fits, cancer, AIDS, piles, prostrate, arthritis, migraine, thyroid, ulcer, acidity, constipation, gynaecological problems, It also increase the nitrogen content of the soil, for better rearing of honey bees, hasten the pubertal age of the heifers exposed to bull's urine and as pesticide and larvicide for the fodder crops. Cow urine contains all substances, which are naturally present in the human body. Thus, consumption of cow urine maintains the balance of these substances and this helps cure incurable diseases like cancer, AIDS, autoimmune disorders better benefits in case of antibiotic resistance infectious diseases.

Cow urine is an excellent bioenhancer and recently Cow urine distillate has been granted U.S. patents. Further research is required to prove its qualities and benefits. Various actions and researches on cow urine are summarized in this article. It is the most effective natural remedy and the safest method of treatment on nature based.



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Thank You