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What is NFMcoin?

NFMcoin is the first crypto asset whose price is based on the LME ([London Metal Exchange](#)) value.

NFMCoin is designed for non-ferrous metal recycling and eco-friendly projects with ecological goals.

NFMcoin actively supports projects in the field of recycling, especially those related to the processing of products in the non-ferrous metal industry. These projects aim to not only minimize CO2 gas emissions but also create added value. It is important to emphasize that these projects provide not only environmental but also social benefits. **NFMcoin's investments relate exclusively to recycling projects that are approved by the Association of German Engineers (VDI) and German Space Research (DLR), i.e. only in projects that have the seal of both associations.**

NFMcoin is committed to providing funds to carry out these environmentally friendly recycling projects and considers this a commitment to all of humanity. NFMcoin is specifically designed for the

LME commodity exchange and is based on real raw data. The production volume develops depending on the LME raw material exchange.

Although NFMcoin is a digital cryptocurrency, it is traded based on real data. As an ERC-20 token based on Ethereum, NFMcoin inherits the speed, security, transparency, and other desirable features of the Ethereum blockchain. This unique combination of the Ethereum blockchain and the price stability of the LME Exchange results in a digital asset that provides stable value to consumers.

It is important to emphasize that the final price of NFMcoin on any cryptocurrency exchange depends solely on the market forces of supply and demand of the invested projects. NFMcoin has no contractual obligation to repurchase coins from its holders and does not represent any indebtedness to the NFMcoin holders. The NFMcoin holders are stakeholders and have the opportunity to create and vote on proposals to actively shape the future of the project.



What are CO2 emissions?

Carbon emission is the emission of carbon dioxide gas produced by the combustion of carbon-containing fuels (fossil fuels: oil, natural gas, coal, etc.) into the atmosphere. This gas is created through individual and institutional uses. Air pollution occurs due to the release of carbon dioxide gas into the air. Although the pollution of this gas was not initially considered, it has begun to attract attention as the level of pollution reaches terrible levels. In recent years in particular, climate change has occurred worldwide. These changes are called global warming. As a result of the

incredible increase in global warming, many plant and animal species that have endangered the life of all living creatures on Earth are at risk of extinction. As a result of the increase in global warming and the threat to people's lives, it has become the main environmental problem worldwide.

As a result, attempts have been initiated to combat global warming on a global scale. Especially in the 1990s, renewable energy sources (solar, wind, etc.), which are more reliable, cleaner and more sensitive to nature than the energy obtained from non-renewable energy sources, have become the main tool of struggle initiatives.



What are the main reasons for the increase in CO₂ emissions in recent years?

- Uncontrolled industrialization
- Constantly increasing energy requirements
- Urbanization on the rise
- Decreasing forest areas
- Intensive livestock farming activities
- Uncontrolled greenhouse gas emissions

Which sectors influence CO₂ emissions?

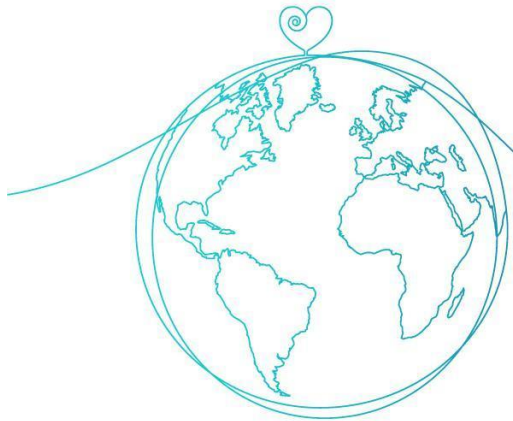
We can divide the main sectors that influence carbon emissions into five categories in percentage terms. This; Electricity and energy production, industrial production, agriculture and forestry, transport and finally domestic consumption. Electricity and energy production

make up the largest share. Because worldwide, fossil fuels such as coal and oil are the main component of energy, and carbon emissions are at the highest level. Not only does industrial production consume energy, but carbon dioxide from factories is usually released into the atmosphere without filters. Agriculture, livestock and forestry also contribute to the greenhouse gas effect by both using energy and reducing forests. Given that most transportation vehicles use petroleum-based fuels, it's natural to be on the list.

What can each individual do to live a sustainable life?

1. Walk.
2. Use the bike.
3. Prefer public transportation.
4. Share vehicles with multiple people if possible.
5. Reduce air travel.
6. Use a hybrid vehicle.
7. Pay attention to energy efficiency in the home.
8. Use electronic products in moderation.
9. Obtain green energy.
10. Reduce meat consumption.
11. Favor local foods.
12. Favor organic foods.
13. Eat only as much as you need.
14. Consider recycling.
15. Dispose of organic waste in an environmentally friendly manner.
16. Reuse goods.
17. Protect and increase green spaces.
18. Pay attention to environmental sustainability.
- 19. Be aware of your impact.**

20. Conduct collaborative studies.



SAVE THE PLANET

Love the Earth

Why should we choose NFMcoin?

NFMCoin, in line with its goals and in light of all this information, has created and continues to work towards creating a green and livable new world to support sustainable technologies and make the existence of a livable world permanent.

NFMcoin invests exclusively in projects and innovations in 70 countries, including Germany, Holland, Belgium, France, that carry the keyword “**Innovation Signature**”. All projects related to recycling, CO2 reduction and added value creation are in focus. These projects are not only groundbreaking, but also approved by renowned institutions such as the Association of German Engineers (VDI), Information Technology (IT) and German Aerospace Research (DLR).

How will NFMCoin value all these funds?

NFMCoin was founded by engineers living in Germany and carries out all its activities legally and transparently. All data is openly available to coin takers. The income from NFMcoin transactions includes the investments to be made for the establishment of value-added recycling facilities in accordance with the previously announced information.

NFMcoin is also used as an intercompany digital currency in the non-ferrous metals recycling and manufacturing industries. Today, with digital money spreading rapidly, companies have started trading in digital assets instead of dealing with various international procedures. In this direction, NFMcoin provides a platform where all these companies can trade securely with each other in their own ecosystem. Verified and certified companies find an answer in the NFMcoin system and, after the appropriate verifications, can carry out digital money transfers for trading on the platform. In this direction, NFMCoin confirms their existence and authenticity in accordance with the activity documents requested by companies and issues a certificate in return. Based on this certificate, companies can safely trade with companies certified like this.



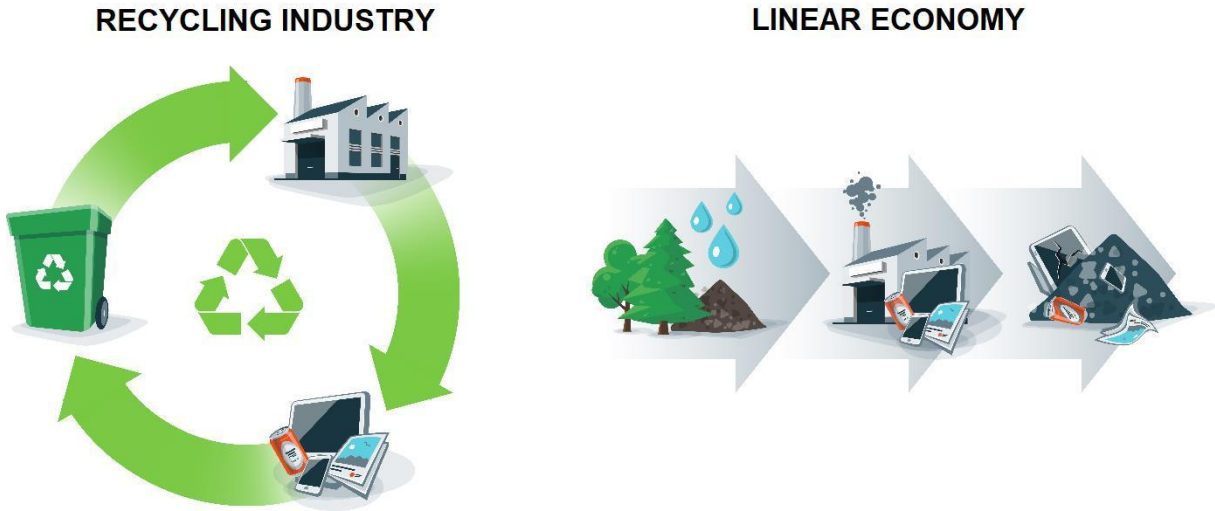
What is recycling?

Recycling is the inclusion in the production process of waste that can be recycled by converting them into secondary raw materials through various physical and / or chemical processes. In another definition, it can be defined as the recyclable waste material that is not used in any way and is returned to the production processes as raw materials through various recycling methods.

Purpose of recycling; It should be assumed that unnecessary consumption of resources is avoided and the amount of waste is reduced by sorting waste at its source. Recycling and reusing materials

such as iron, steel, copper, lead, paper, plastic, rubber, glass and electronic waste prevents the depletion of natural resources. This situation; In order to meet the needs of countries, the amount of foreign currency paid for imported scrap material is also reduced and a lot of energy is saved. For example, reusing waste paper in papermaking reduces air pollution by 74-94%, water pollution by 35%, water consumption by 45%, and adding one ton of waste paper to pulp can prevent the felling of 8 trees.

Since the number of industrial processes in the material obtained through recycling is reduced, energy savings are achieved. Metal beverage can recycling processes involve melting the metal directly and converting it into a new product. Therefore, the processes used for both the ore used to produce and clean the mine are not required. In this way, recycling an aluminum can can save 96% energy. Similarly, the energy required to reprocess the paper separated into solid waste is 50% of the energy required for normal operation. Significant energy savings can also be achieved by recycling glass and plastic waste.



Recycling is an efficient economic investment in the long term. Economic problems may arise from the decline of raw materials and the rapid depletion of natural resources, and at this time recycling will have a positive impact on the economy. It will provide new employment opportunities and enable future generations to benefit from natural resources.

On the other hand, as mentioned above, one of the goals of recycling is to reduce the amount of solid waste to be disposed of, so that environmental pollution is significantly reduced. Reducing the

amount and volume of solid waste is a great benefit, especially for countries that do not have enough space to properly dispose of solid waste. When these recyclable wastes are mixed with regular garbage, the secondary materials generated from these materials are much lower and problems may arise in cleaning processes. Therefore, the most important step in the recycling process is separation at source and separate collection.

The importance of recycling

1. It ensures the protection of our natural resources.
2. It helps us save energy.
3. It provides convenience in garbage processes by reducing the amount of waste.
4. Recycling helps us invest in the future and the economy.

Some recyclable materials

- Steel
- Copper
- Aluminum
- Bullet batteries
- Paper
- EPS
- Plastic
- Rubber
- Glass
- Motor oils
- Waste oils
- Batteries
- Vehicle tires
- Concrete
- X-ray films
- Electronic waste
- Organic waste
- Expanded polystyrene (EPS)

Computing power that connects physical and virtual worlds

The NFMcoin team is aware of the current blockchain environment, the need for a stable cryptocurrency in interactions between the physical and virtual worlds. The physical world uses fiat currencies, while the virtual world should have a stable cryptocurrency with thousands of other cryptocurrencies locked into it.

The physical world transfers its computing power to the virtual world. This ensures that the blockchain consensus for the stable cryptocurrency is maintained. The virtual world, in turn, exports virtual products and services to the physical world. Therefore, computing power provides a critical link between the physical and virtual worlds.

What is ERC-20?

One of the most important Ethereum tokens is known as ERC-20. ERC-20 became the technical standard. It is used in all smart contracts on the Ethereum blockchain for token implementation and contains a list of rules that all Ethereum-based tokens must follow.

ERC-20 is somewhat similar to Bitcoin, Litecoin and other cryptocurrencies. ERC-20 tokens are blockchain-based assets that have value and can be sent and received. The main difference is that ERC-20 tokens do not run on their own blockchains but are issued on the Ethereum network. NFMcoin is an ERC-20 token running on Ethereum.

Definition of the general ERC-20 rules list

As of October 2019, there are more than 200,000 ERC-20 compliant tokens on the Ethereum mainnet. ERC-20 is important; It defines a common list of rules that all Ethereum tokens must follow. Some of these rules include how tokens can be transferred, how transactions are confirmed, how users can access data about a token, and how overall token deployment occurs.

As a result, developers of all types can use this particular token to accurately predict how their new tokens will perform in the larger Ethereum system. This simplifies the task specified for developers.

As long as the token complies with the rules, they can continue their work knowing that not every new project will have to be recreated when a new token is released. This compliance is also required. It offers compatibility between many different tokens issued in Ethereum. Fortunately, tokens released via Ethereum are ERC-20 compliant.

Many well-known digital currencies use the ERC-20 standard, including Maker (MKR), Basic Attention Token (BAT), Augur (REP), and OmiseGO (OMG). If you want to purchase a digital currency issued as ERC-20 tokens, you should also have a wallet that is compatible with these tokens. Luckily, ERC-20 tokens are so popular that they offer many different wallet options.

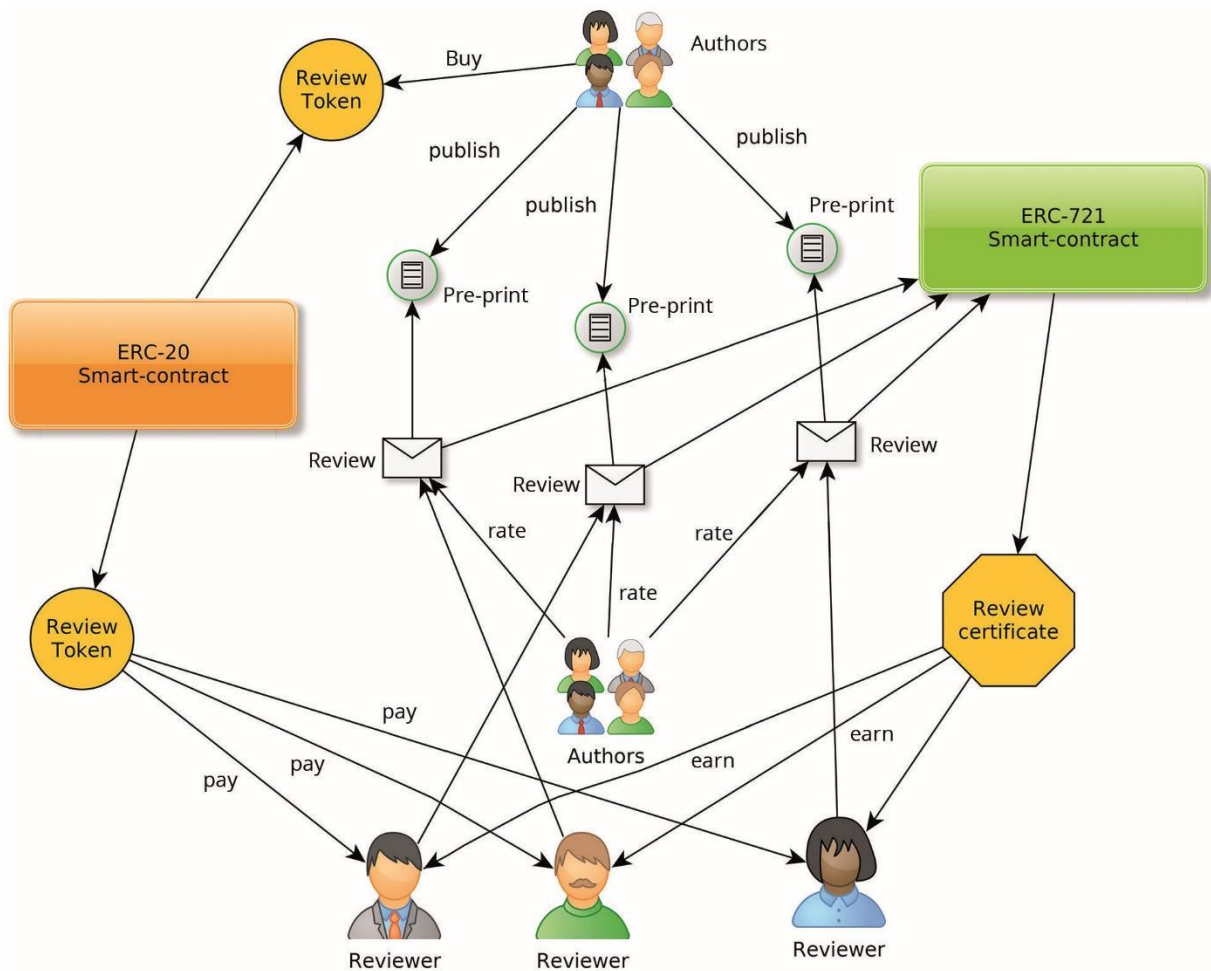
ERC-20 specifies six different functions

ERC-20 defines six different functions to benefit other tokens in the Ethereum system. These are often fundamental functionality issues, including how tokens are transferred and how users can access data related to a specific token.

Taken together, these features and signals enable all types of Ethereum tokens to perform consistently throughout the Ethereum system. Therefore, almost all dig wallets that support Ether currency also support ERC-20 compatible tokens.

What is ERC-20 Smart Contract?

ERC-20 consists of six functions that are easily understood by other smart contracts in the Ethereum ecosystem. The most important of these are transferring tokens (by or on behalf of the token owner) and accessing data about tokens (name, symbol, total value, account balance). The standard also defines the signals that one smart contract can send and another can detect.



These features and definitions ensure that Ethereum tokens work the same in almost all parts of the ecosystem. Therefore, almost all Ethereum powered wallets, including [Jaxx](#), [MyEtherWallet](#) and [Ethereum Wallets](#) (also known as Mist Wallet), support ERC-20 compatible tokens.

According to Vogelsteller, the functionality of the Ethereum token standard paves the way for major changes.

It's good to know that the ERC-20 is only a blueprint in official terms. So it is not mandatory and must be approved by the Ethereum community be adopted "completely". Vogelsteller assumes that the new tokens will eventually follow the rules they have developed.

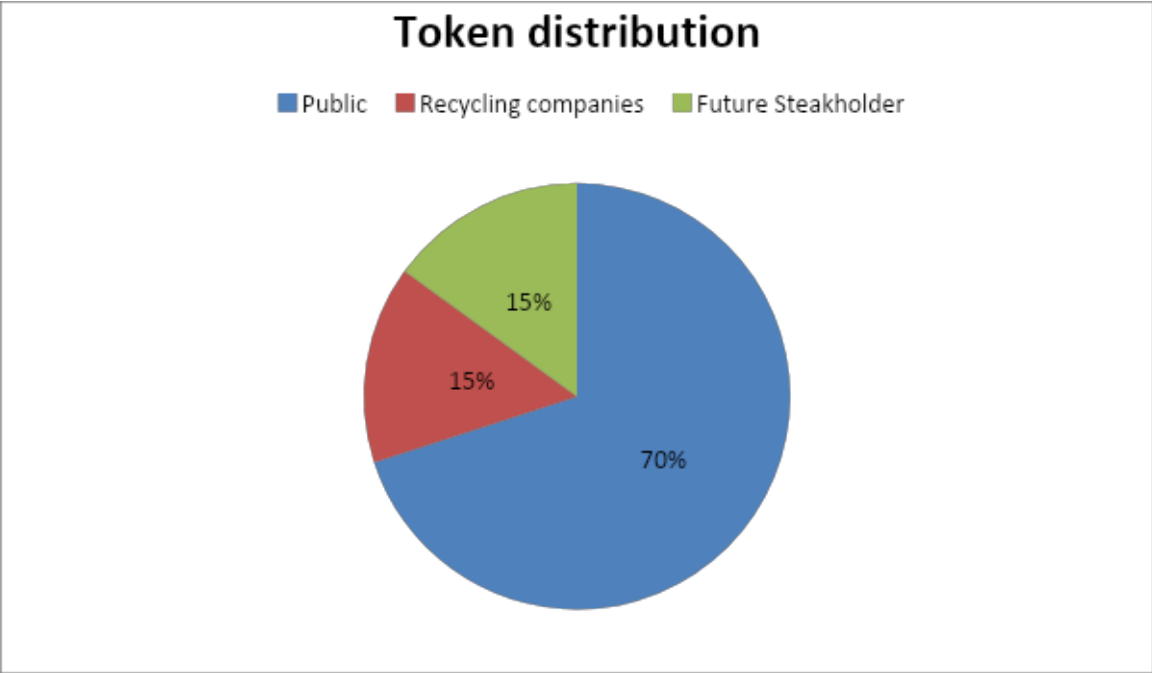
What is the Ethereum ERC-20 token?

Words cannot describe how important the ERC-20 token standard is. ERC-20 contains a set of rules that Ethereum-based tokens are bound to. With these rules, ERC-20 allows wallet developers, exchanges and other smart contracts to pre-determine how new tokens will be used.

This allows applications to be designed and exceptional work to be done using tokens. When a new token enters the system, there is no need to reinvent the wheel.

As a result, all tokens on the Ethereum blockchain, including those sold in ICOs, comply with the ERC-20 standard.

NFMcoin token allocation summary



The maximum total supply is 10 000 000 000

70% is available to the **public**. All people and institutions who want to support our ecological projects can purchase NFMcoin. The investment can be used for a variety of purposes such as services and other projects.

15% is reserved for **future stakeholders**. For example, for managing the operational processes of the management and covering the costs of the technical infrastructure.

15% of the NFMcoin is reserved for **recycling companies**, which can sell them if the coins increase in value to generate equity. This amount has been specifically retained for public release again due to the expected future status of NFMcoin so that it creates value for those who wish to engage in equity acquisition in the future.

Ethereum blockchain security

Similar to Bitcoin, previous transactions in Ethereum are final and can never be changed. There are currently around 9,000 Ethereum nodes operating worldwide. In order to "hack" and change the data/state on the Ethereum network, a malicious person must have more than 51% of the computing power of these nodes, which is not possible.

In summary, what are the reasons for choosing NFMcoin?

1. **Sustainability:** NFMcoin relies on environmentally friendly technologies and CO2-friendly projects to promote a sustainable cryptocurrency solution.
2. **Efficiency and safety:** The cryptocurrency ensures high efficiency and security standards.
3. **Innovation:** NFMcoin promotes innovative recycling systems for CO2 technologies that are changing the financial industry and making it environmentally conscious.
4. **Part of a future-oriented ecosystem:** Investors have the opportunity to become part of a progressive and environmentally conscious commodity financial ecosystem.

The combination of sustainability, efficiency, security, transparency and promotion of innovation makes NFMcoin an attractive choice for investors looking for responsible and forward-looking investment opportunities.

NFMcoin is the ideal choice for investors who not only value world-class efficiency and security, but also want deeper insight into the sustainability and environmental impact of their investments. With a clear focus on innovative technologies that take ecological concerns into account, NFMcoin positions itself as a pioneer in the field of sustainable cryptocurrencies. By supporting green

technologies, NFMcoin not only enables investors to invest responsibly, but also actively promotes positive changes in the financial world.

Sustainable living practices with NFMcoin

NFMcoin encourages sustainable living practices and provides recommendations for environmentally friendly behavior. These include using public transport, reducing air travel, using renewable energy sources, being aware of household energy consumption and recycling waste. These practices not only contribute to environmental protection, but also to creating a sustainable and livable future.

NFMcoin invites investors to invest not only in a digital currency, but also in a movement for environmental protection, innovation and a sustainable future. By supporting NFMcoin, investors are helping to drive positive change on a global scale and shape a green and livable world for future generations.