

Confidential



MATERIAL COIN

recycling industry blockchain platform



OBJECTIVE

To create a **technological ecological platform** of a closed cycle that will allow organizing a process of recycling that is beneficial for all participants and will ensure the **sustainability of the development** of industries that use **recyclable materials** in production activity due to a global transformation of the existing schemes of interaction

Environmental responsibility is a measure of human stimulation and socialization

Main targets

To implement the symmetry principle to maximize the receipt of raw materials from waste;
 To conduct an ICO (initial coin offering) for the platform with the aim of global popularization of eco-culture among the world's population;
 To release the platform token - an investment tool backed up by the global volume of processing of secondary raw materials;
 To issue a new world crypto currency (Material Coin) for settlements between all parties in the recycling scheme;
 To launch a single environmental platform with modular architecture for mounting of all recyclables working checkpoints.



Preliminary Platform Architecture

Aggregator of requests for waste disposal



Possibility to call taxi for garbage and electronic scrap, possibility to track the history and fate of the delivered waste

Recycling control information system



Integration with existing information systems at the point of recycling, direct connection to weighing equipment. Ensure the minimization of the shadow turnover of recyclable materials.

Blockchain infrastructure



recording in a centralized database with regular uploading of data to a decentralized network and conducting transactions between distributed nodes of local block schemes. All sensitive information for end-to-end control of the recycling process is to be recorded in the block block.

Smart-contract



tokens commissioning for the performance of certain actions in accordance with the objectives of the project: the delivery of waste, its transportation, transfer to a waste collection point, accounting, processing and manufacturing

Processing services



Material Coin



digital valuable asset as confirmation of the transaction

Partner companies



platform partners as carriers, recyclers, waste collection points, producers of recycled products, etc.

Management



a legal entity or consortium responsible for committing of legally significant actions in the ecosystem

Waste Stock Exchange



traditional market instrument for participants in the recycling scheme

Social Networking and automated bots



industry focused messaging, chat bot integrations, analytical tools to form a market strategy, to identify the problems and solutions



Material Coin

- Material Coin is a ecological behavior crypto currency invented for recycling industry to reflect an to monetize the lifecycle of any kind of waste.
- Material Coin - an indicator of environmental friendliness of the produced goods.
- Material Coin will be accounted to the person or entity at the time of the transfer of obsolete products for its recycling. Material Coin will become an indicator of man's responsibility to nature and the whole world. The blockchain technology ensures the "eternity" of the record and the confirmation of the authenticity of the person's actions.
- The blockchain technology will help to bring Material Coin to the global market level, as it will be impossible to forge currency. The currency issuance will be tied to the amount of recycled materials involved by the network participants.
- Material Coin will become a motivator for creating a continuous cycle of waste processing and creating of new items based on the recycled. An endless cycle that allows to bring humanity to a new level. This cycle will allow each person to have goods necessary for life, in spite of the limited resources of our planet.
- The creation of such cycle raises the level of living and marks the end of the era of endless, meaningless pollution of the environment.
- Material Coin may become a single means of calculation between all participants in the scheme for processing of secondary raw materials (consumers, processors, manufacturing plants, etc.).
- Material Coin provides the leverage for spontaneous and widespread change in tax legislation. Material Coin itself is neither a commodity nor a monetary instrument, but participates in goods movement from the consumer to the processor and further to the producer and the retailers.
- This allows you to exclude some types of taxes, in particular VAT, from the transactional turnover (in some cases).

From the legal point of view, the issued token is a confirmation of the transfer of waste, their transportation, etc. and expresses an appropriate requirement of authorized persons (beneficiaries) to the project participants. Material Coin is close in its status to a non-documentary security, and it will essentially be in the countries of the Anglo-Saxon legal family right now. The security gives its holder the right to this or that expressed in paper benefit, including requirements. In particular, from the material point of view, the token - Material Coin - is a requirement of a certain good from the participant in the system, after the cycle of processing and creation of the finished product is finished, and in the end - a discount for the acquisition.



- It is a crypto currency that lowers the manufacturer and consumer ecology traces.
- It is responsibility indicator that reflects nature habitat.
- It is a new world crypto currency that sets the new level industry security standards since illegal Material Coin emission is not technically possible. It is based on the waste volume of Material Coin blockchain ecosystem members only.
- It will be the main financial instrument and currency used between recycling market players (consumer, waste processor, recycler, manufacturer, retail, etc.)



About



Mission

The provision of raw and environmental safety through the return of secondary resources back to the economic turnover.



Our target

The creation of a high-tech efficient industry for handling of metal scrap and consumption wastes.

Proof of concept and project basis

The Proof of Concept based on lead collecting, processing, export, manufacturing and retail sales processes. We inventing the tokenized cycle of lead industry turnover based on Material Coin identifying business, legal and tax issues and designing universal business scheme.



First Stage. Partners.

Concept

The first stage of the project inventing the Material Coin itself with corresponding platform/code/integrations and develops the closed cycle **of lead recycling** from scrapped products up to new product and the retail.

RUSLOM organization

One of our most valuable partners is NP NSRO "RUSLOM.COM" - the only official branch in the country of scrap metal processors, having the status of a national self-regulating organization. Organization participants are more than 100 companies from the procurement structures of metallurgical plants, independent processors, exporters and traders who are market leaders and government programs.

- The total staff employed in the industry is 42 thousand people
- Harvesting network - 7 thousand equipped and licensed sites
- The aggregate volume of the procurement of ferrous scrap is more than 15 million tons per year
- The total volume of non-ferrous metal scrap harvesting is more than 600 thousand tons per year
- The total volume of exports - more than 2 million tons per year
- Annual turnover is more than 9 billion USD





MATERIAL COIN // MATERIAL CHAIN

blockchain platform for recycling