

GREEN MINT

sustainable and democratic mining, in your own home

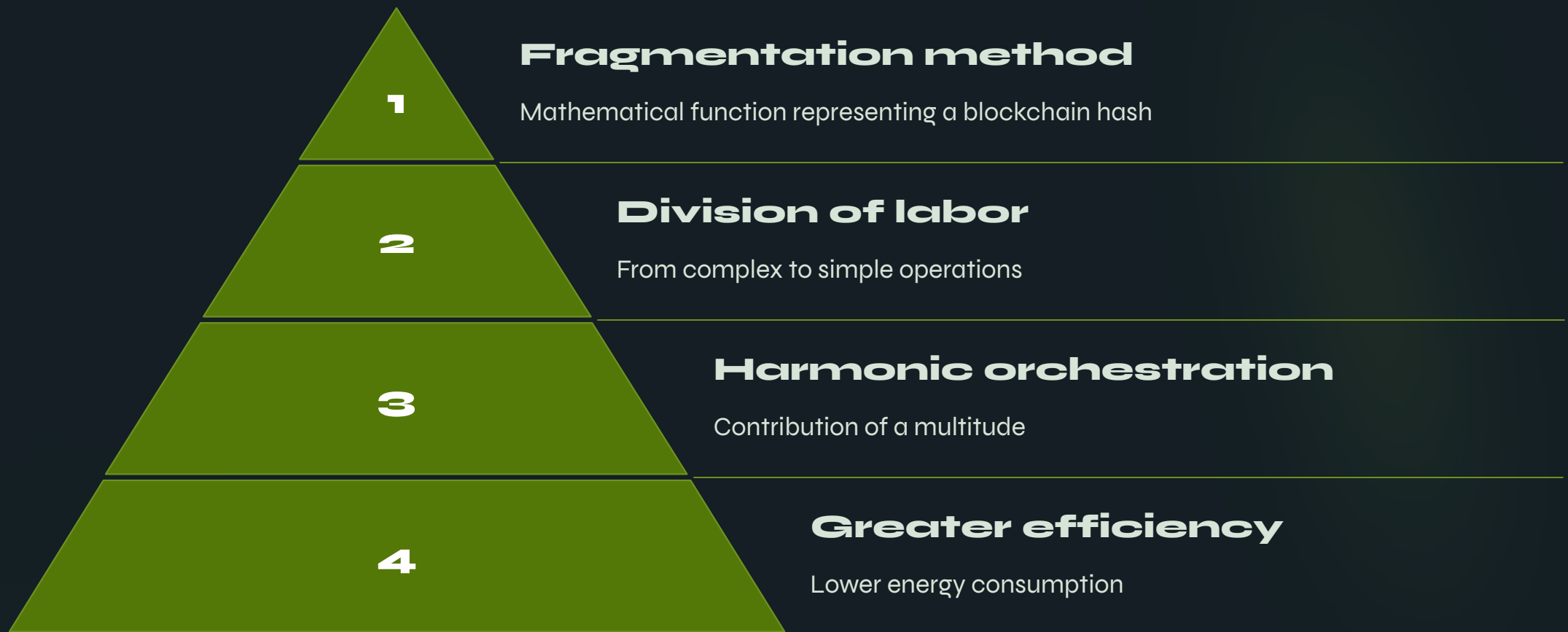
Green Mint by Mr. Morandi is an innovative mining solution patented in December 2024.

Green Mint Technologies, an innovative startup that has developed revolutionary technology that allows Proof-of-Work (PoW) mining with negligible energy consumption, thus introducing the concept of Proof-of-Efficiency (PoE)

This project starts from the development of an innovative device called SmartAsic that is extremely compact and low in energy consumption, a perfect union of hardware and software.

All perfectly integrated through the use of AI (Artificial Intelligence), called SmartHash

Italian Patent



EUROPEAN PATENT SPECIFICATION Date of publication and mention of the grant of the patent: 10.12.2024 Bulletin 2024/25 Application number: 15332254.5

"METHOD OF FRAGMENTATION OF A MATHEMATICAL FUNCTION REPRESENTING A BLOCKCHAIN HASH"

Mr. Morandi's patent starts from a basic concept: dividing an extremely complex task into simple individual operations.

By harmoniously orchestrating the small contribution of a multitude, the desired result is obtained but with much greater efficiency (less energy consumption).

In this sense, the Green Mint project gives "power to the people", demonstrating with its results that unity can truly "make us stronger".

Values such as solidarity and cooperation have been intrinsic since the beginning of this invention: the wider the network of devices, the easier the work done by each individual, the more efficient and therefore profitable the structure (both collectively and individually).

OUR DREAM

1

Replacing “mining farms”

Currently, PoW mining is dominated by powerful ASIC miners that consume huge amounts of electricity. This has made mining an expensive and inaccessible activity for most people.

2

Decentralizing the market

The cryptocurrency market is therefore centralized in the hands of a few companies that effectively control every aspect of the blockchain. This is totally contrary to the ideal of Satoshi Nakamoto, the man who designed Bitcoin.

3

Democratizing mining

GreenMint aims to bring PoW mining back into the hands of the individual user, promoting greater decentralization. Each person in possession of a SmartAsic therefore becomes a node in the network, like a neuron in a single brain that works uniquely for a common goal.

4

Producing sustainable cryptocurrency

Every person, without electricity costs and without specific knowledge of technical dynamics, produces Cryptocurrency in a sustainable and ethical way, making the blockchain stable and secure for decades to come.

THE SECRET OF SUCCESS

EFFICIENCY

The effectiveness of Green Mint lies in its efficiency. In terms of the processor, a Smart Asic is structured in a similar way to an Antminer S21 Pro, but thanks to the optimization of the calculation work, the energy consumption is practically zero, as it is limited to the strictly necessary work.

ARTIFICIAL INTELLIGENCE

Artificial Intelligence analyzes in real time where it is most likely to validate transactions, reducing the number of transactions rejected on the blockchain and optimizing work at the most effective times.

COMPACT DEVICE

This allows us to create a very compact and economical device, keeping only the mother chip and removing the hardware components used for cooling, heat dissipation and the management of complex computational work.

PROFITABILITY

HARMONIC ORCHESTRATION



In this way we replace the traditional PoW mining farms with a low energy impact PoE peripheral system, based on the decentralization of each SmartAsic, each of which carries out a portion of the work.

- Each SmartAsic, connecting to the Neural Network in the Cloud, exchanges information through Stratum services and avoids the need for other connected devices to validate the same transactions
- a single network protocol harmonizes this work, requiring infinitesimal activity from each individual SmartAsic
- The collected information is distributed in the network memory, which allows the AI system to collect enough information to decode the Hash of a Block (1 block = 3.125 BTC)
- When a single SmartAsic receives the reward for a block, the system divides the gain proportionally among all the nodes in the network, according to the power used by each one
- Example: network composed of 1000 devices of power 1, each device receives 1/1000 of the mined block

GROWING & LEARNING

1

Solo-Mining

Noticeable results even in independent mode

2

Optimized Net

Reduction in the time it takes to receive transactions

3

Intelligent Learning

Machine Learning to optimize operations

4

Growing Density

Increased efficiency with more connected nodes

- The system, while also producing appreciable results from a Solo-Mining perspective (machine not connected to any network, a real lottery), but our network makes it possible to shorten the time needed to receive transactions month after month.
- The system aims to optimize based on 2 variables:
- INTELLIGENT LEARNING: the A.I. system is equipped with Machine Learning, i.e. it learns from the operations carried out, it allows to send fewer shares and send only those that can actually be rewarded for each round, then proceeding to solve an increasing number of them in multiple pools in the same time interval
- GROWTH IN DENSITY: as the number of nodes within the network increases, therefore the number of individual SmartAsic connected, the efficiency of the network itself increases and therefore also the yield of the individual machines.
- It is estimated that when 100,000 SmartAsic are reached, each user will be able to mine one block every 40 days: a utopia at the moment, but it could be the future in 5 years' time.

10-YEAR WARRANTY AND VALUE PROTECTION

Lifetime License

For our mining system, it is important to understand that it takes a few months to reach full operational capacity. However, the solution comes with a lifetime license, guaranteeing a long-term opportunity.

Lifespan of components

The components of a SmartAsic have a life expectancy of 15 years, before performance starts to decline

Extended Warranty

Our Warranty protects you for 10 years from the date of purchase, guaranteeing the replacement of the machine or one of its components in case of premature wear or accidental damage

Protection of your investment

Until the end of the warranty period, as a way of protecting the amount you've spent, you have the option of selling the device to the parent company and receiving 90% of its purchase price.

This allows you to re-monetize the device within 10 years after it has done its computing work, recovering 90% of the sum: an important safeguard for the consumer.

OUR MODELS

Estimated Annual Production at Full Capacity – Network-Based Performance Forecast

The annual mining performance of each Green Mint Tower unit is projected based on the evolution of the AI-driven network it operates within. The production estimate indicated is not fixed, but rather conditional: it reflects the output **when the neural network reaches its full operational scale of 1,000 interconnected units.**

What “Full Capacity” Means

“Full capacity” is defined as the point at which **1,000 Green Mint Tower systems** are simultaneously connected and operating within the decentralised AI infrastructure. At this stage, the neural network can:

- Fully optimise energy distribution and computational loads
- Apply deep learning to refine performance strategies in real time
- Enhance coordination across nodes for maximum mining efficiency

Each unit’s productivity is enhanced by this collective intelligence. Therefore, the projected annual production per unit reflects the system’s peak performance **as enabled by the complete, AI-optimised network structure.**

Key Notes on the Production Estimate

- The figure is calculated under the assumption of optimal blockchain conditions, steady hash rate growth, and network-wide AI adaptation.
- In the early stages — with fewer connected units — the system will not yet benefit from full neural optimisation, and unit productivity may be lower.
- As the network scales toward 1,000 units, the AI’s predictive algorithms and efficiency models improve, bringing each node closer to its maximum potential.

This approach ensures that the forecasted performance is **technically grounded, scalable, and transparent**, reflecting the dynamic nature of mining within a smart, decentralised infrastructure.



Green Mint Power Plus

STANDARD PRICE USD 2,500

SmartAsic model 2.4 TH/s, with quad-core processor, 64MB SPI Flash. 15W

with integrated connector. WiFi connection 150 mbps Operating system: GMint OS 2.2.0, development on SHA 256 for BTC mining on ZPool.

Black color.

Dimensions: 13.0 * 13.0 * 9 h cm

Estimated production: 0.04 BTC/year at full capacity.

Integrated accessories:

- quick guide for setup and start-up
- Green Mint affiliation certification (interconnection with other smartAsic)
- certificate of guarantee of the value of the asset

10-year warranty (extendable with technical inspection)

Investment protection: we guarantee 90% of the asset’s value in case of resale, within the warranty period.

OUR MODELS



Green Mint Pro

STANDARD PRICE € 11,000

SmartAsic 6 TH/s model, with quad-core processor, 256MB SPI Flash. 25W with integrated connector.

WiFi connection 150 mbps

Operating system: GMint OS 2.2.0, development on SHA 256 for BTC mining on ZPool.

Black color.

Dimensions: 13.0 * 13.0 * 10.6 h cm

Estimated production: 0.25 BTC/year at full capacity.

Integrated accessories:

- quick guide for setup and start-up
- Green Mint affiliation certification (interconnection with other smartAsic)
- certificate of guarantee of the value of the asset

10-year warranty (extendable with technical inspection)

Investment protection: we guarantee 90% of the asset's value in case of resale, within the warranty period.



Green Mint Tower

STANDARD PRICE USD 29,000

4 SmartAsic 6 TH/s model, with quad-core processor, 256MB SPI Flash. 100W with integrated connectors.

WiFi connection 150 mbps

Operating system: GMint OS 2.2.0, development on SHA 256 for BTC mining on ZPool.

Black color.

Dimensions: 13.0 * 13.0 * 23.4 h cm

Estimated production: 0.67 BTC/year at full capacity.

Integrated accessories:

- quick guide for setup and start-up
- Green Mint affiliation certification (interconnection with other smartAsic)
- certificate of guarantee of the value of the asset

10-year warranty (extendable with technical inspection)

Investment protection: we guarantee 90% of the asset's value in case of resale, within the warranty period.

CONTACT US



Email

sales@greenmint.ae



WEBSITE

greenmint.ae



Support

WhatsApp

[+971 55 645 0211](https://wa.me/971556450211)

Inside Marketing International Fze

Saif lounge

121974 Sharjah

UAE

