White Paper

Vision

Renewable Energy Mining

Short Briefing

Summary

Renewable Energy Mining GmbH is based in hamburg and follows the goal of generating cryptocoins with professional asic / rigs hardware. The start-up primarily wants to generate Bitcoin. Ethereum Classic and Altcoins.

With renewable energy resources like wind power as a energy source enables cryptocurrencies to be mined in the most resource-efficient way possible. This becomes one create an environmentally friendly environment for digital cryptocoin mining.

Introduction
In Germany, wind turbines are used to generate renewable energy, these plants have a subsidy contract with the government for twenty years and are supported by the state.These turbines produce electricity for 20 years and the electricity is welded into the public grid.

After 20 years, the turbines are no longer subsidized by the government, so it is no longer worthwhile for the operators to continue operating them because the costs are too high.

But these systems are still able to be operated for another ten years, but direct marketing of the generated energy on the electricity exchange only makes limited economic sense.
Using the energy to mine Bitcoin, on the other hand, is an attractive business model.

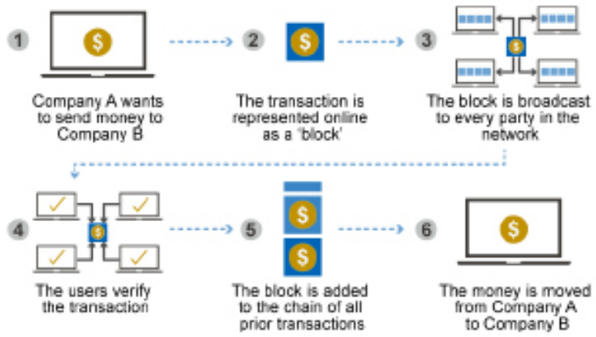
The goal of REM is to make cryptocurrency mining green. Since bitcoin mining is criticized for being unsustainable, we want to bring change in to the c ryptocurrency space and be the Leader for a new contemporary and environmentally friendly place.

Basics
Bitcoin mining is a process that requires a significant amount of electrical energy due to its function. With an average household electricity price in germany of approx. 35.4 euro cents per kilowatt hour (related to 2019) and an expected return of 26 euro cents per kilowatt hour, the costs are higher than the actual financial ones assess benefit. However, economic bitcoin mining could be possible if renewable energy can be produced cheaply from own purchased assets.

A wind turbine, which is affected by the described exit from the EEG, serves as an example for the generator of electrical energy. Based on the course of Bitcoin in 2021, the return for that year should be determined as an example. It is first explained how mining hardware is operated by electrical energy, which is used for mining Bitcoin is responsible. The influencing parameters for the success of the mining is defined and the optimal hardware configuration is sought based on the costs and expected returns.

Due to the end of the EEG market premium from the government from 2021, it would no longer be possible to operate the wind turbine economically, since operating and maintenance costs revenues would exceed. That‘s why the Renewable Energy Mining Start-up has developed a new business model that enables economic continued operation so that the excess electricity that can no longer be fed into the power grid can be used to produce Hashrate power. This computing power would be used for highly profitable Bitcoin mining.

Description The business idea



Mining
Bitcoin mining is to be interpreted as decentralized value creation. New blocks are created and then added to the blockchain. In this sense, the blockchain can be understood as a decentralized database, which consists of consecutive (linked) blocks. These blocks contain a cryptographically secure hash of the previous block, a certain number of Bitcoin (12.5 BTC until May 2020 and 6.25 BTC since then), as well as a confirmation of new or open transactions. A hash is a sequence of numbers with a fixed length, which is calculated according to a specific hash function, i.e. an algorithm. Bitcoin uses the SHA256 algorithm (SHA Secure Hash Algorithm). In the Bitcoin network, a block is tagged with a nonce. Nonce, also number used once“ is a number that is only used once within the blockchain. A valid nonce is one whose hash value starts with a certain number of zero bits. It must be found by the mining hardware. Since this involves a considerable amount of computation, the creators of the blocks are rewarded with the newly mined Bitcoin and the fees for the transactions contained in the block.

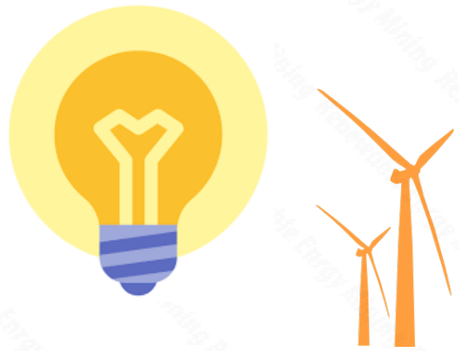
The Bitcoin network itself responds to increasing computing power. The difficulty of finding a new block increases when the computing power available in the network increases. As a result, an average of 144 blocks (one block every 10 minutes) are found every day, regardless of how many computers are making their capacity available at any given time. Unlike reserve currencies, the value of Bitcoin is determined by supply and demand .

In 2019, the equivalent value of bitcoin fluctuated between around €3,000 (February 2019) and €11,250 (April 2021) around a high of around $65,000. Around 18 million Bitcoin have already been found. To prevent inflation, the total number of bitcoins that will ever be available is limited to 21 million. Halving takes place at regular intervals to avoid winning all bitcoins in the near future. The reward per block is halved every 210,000 blocks found, i.e. approximately every four years
Block mining requires hardware capable of calculating hashes. For this purpose, this hardware is supplied with electrical energy
and produces a certain number of hashes per second, the so-called hash rate. Since the invention of Bitcoin, the performance of this mining hardware has increased steadily.

In the meantime, only dedicated, ie application-specific hardware such as Field Programmable Gate Arrays (FGPA) and Application Specific Integrated Circuits (ASIC) provide the required computing power. This is currently in the range of terahashes per second [TH/s] per miner.

It makes sense for the operator of one or more Bitcoin miners to join a mining pool. These use the resources of all miners in a network and then share the reward for finding a block proportionately. the amount of work done. Although there are pool fees (e.g. 2.5% Pay Per Share at AntPool-Bitmain), a pool has a higher chance of finding a block due to the higher overall computing power. In general, it can be said that the proportion of blocks gained is about as high as the proportion of the locally generated hash rate.

If you have Bitcoin in your own wallet, you can transfer it or exchange it for a reserve currency on the world’s largest stock exchanges, like (Binance) in euros or dollars.



Description

The process described here is now to be concrete
Example of the wind turbine are shown. The Antminer
S19 Pro from Bitmain was chosen as the miner, as this is
currently the most energy-efficient miner from this manufacturer. The Bitmain Antminer S19 Pro generates a hash
of 110 THs and has a market value of
$10000 (date) 8/1/2021.

The miner required a connected load of
3 250 W, i.e. 3.25 kW. Would this miner be a
He would be in operation for one hour
convert electrical energy of 3.25 kWh. The wind turbine
has a total output of 2,800 kW. The system would
theoretically be able to operate up to 861 miners at the
same time with full use of the power. It should be noted
that the calculation of operable miners always has to be
rounded down. Miners can only be operated at rated power
and not at a fraction of it.

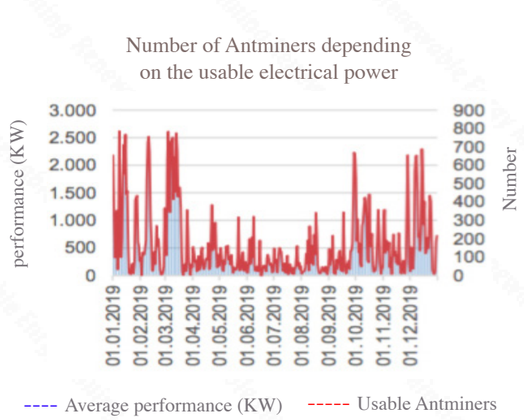


Figure 2: The number of miners that would theoretically be usable is directly related to the available power.

Since wind power is not continuously available and cannot be used, but fluctuates greatly over the course of the year, the power provided by the wind turbine changes. This means that the number of miners that can be operated in a month could also change constantly.

In order to guarantee a continuous power supply and to prevent this so that the problem of electricity supply bottlenecks does not arise, the start-up wants to use industrial electricity, which it buys in advance in large quantities on the energy exchange (EEX) as a reserve and wants to have secured. The price for this is between approx. 0.6 cents and 0.8 cents before tax

As part of the consideration for the year 2019, daily mean values of the electrical output were used. For each day of the year, the arithmetic mean value of the electrical power converted within a day was examined. Based on the number of miners in operation, the locally generated hash rate can be estimated on a daily average. This in turn is to be set in relation to the daily average of the global hash rate:

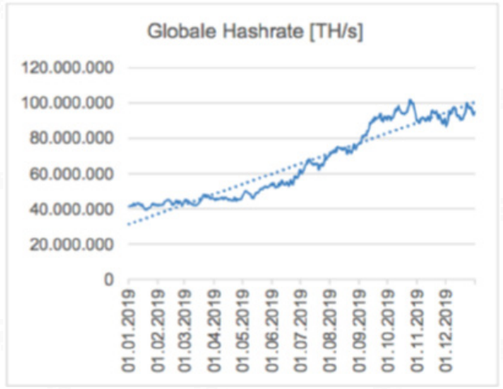
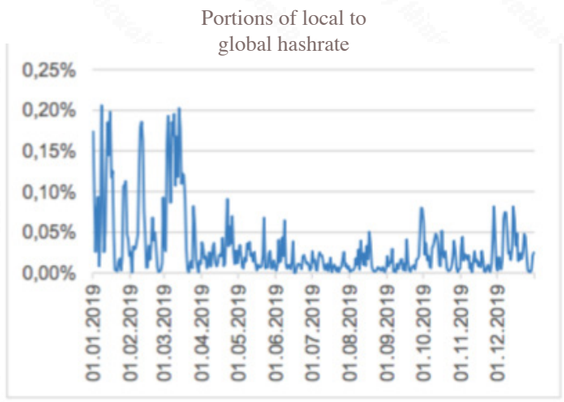


Figure 3: The development of the haste rate of the whole Bitcoin network in 2019 It can be a increasing tendency to award share of local global hashrate in percent

With the knowledge that on average 144 Bitcoin blocks are added per day and that a block contained 12.5 Bitcoin in 2019, the local daily yield can be calculated. To do this, the 1,800 Bitcoin generated globally every day are multiplied by the share of local to global hash rate. It turns out that in 2019 a total of almost 209 BTC were won.



Assuming that the Bitcoins won are sold at the end of each day, i.e. converted into euros, a daily yield and a fee per kilowatt hour can be calculated based on a reserve currency (euro, dollar). The level of the EUR-BTC exchange rate at the respective point in time is decisive

In this scenario, in 2019 with 860 Asic miners S19 Pro and a Bitcoin price at its peak, a total of around 11.241 million euros in remuneration would have been generated with Bitcoin mining. This corresponds to an added value of around 630% compared to the investment actually made for the hardware (Assic miner) of 1.78 million euros.

If we assumed that the price would have doubled in the future, the remuneration could
can be adjusted accordingly. On April 1, 2021, the highest level was reached for the Bitcoin, so that the price was around $65,000. That‘s five times what analysts and auditors had predicted.

Bitcoin yields an average of 26.0 cents per kilowatt hour compared to 9.5 or 10.1 cents in the previous wind turbine compensation plan. The yield from Bitcoin fluctuates from 11.9 ct/kWh on February 2nd, 2019 to 51.8 cukWh on June 19th, 2019.
Since bitcoin has climbed to 65 thousand in 2021, the price of a kilowatt-hour has increased fivefold, according to the conversion.

Year 2019

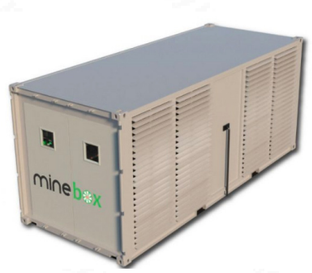
Miner	Hash rate	Perfo-mance W	St-Price €	GH/s Je €	GH/s Je W
S19 pro	110	3250	2021,88	0.54,40	33,8462
S19	95,00	3250	1499,40	0.63,35	29,2308
T17+	58,00	2900	686,28	0.84,51	21,0001
T19	84,00	3150	1434,88	0.57,17	26,6667
S17	70,00	2800	1034,88	0.67,64	22,0012

Furthermore, the number of miners used can be optimized in terms of their utilization. In 2019, the wind turbine delivered an average electrical output of 535.92 kW. This means that with a larger number of miners, the number of miners who are less in the operating than in the stand-by mode over a year also increases.

Year 2021

Miner	Hash rate	Perfo-mance W	St-Preis €	GH/s Je €	GH/s Je W
S19 pro	110	3250	10000	2.7233	33,8462
S19	95,00	3250	9100	3.1358	29,2308
T17+	58,00	2900	7500	4.2136	20,0001
T19	84,00	3150	6500	2.8545	26,6667
S17	70,00	2800	7500	3.3382	22,000

The project requires the use of mining
Containers to be considered as these are optimal
Site conditions for using a
allow for a larger number of miners (Asic).
(Cooling. Monitoring operating voltage etc.). It should also be noted that if the number of miners used is reduced, the amount of bitcoins not mined is reduced.



Renewable Energy Mining

description
The business idea

Cost consideration
With a hash rate of 110 TH/s the S19 Pro results in an efficiency of 33.85 GH/s per watt in 2019. This makes the S19 Pro the current one most efficient miner from the manufacturer Bitmain. However, if you look at the cost yield, i.e. the hash rate that you get per euro invested, the S19 Pro with a unit price of €10,021.88 and an associated cost yield of 54.40 GH/s per euro is the miner that delivers the lowest yield. At the other end of the product spectrum is the T17+ with an income from the day of purchase of €2900 (as of 2017). With a hashrate of 58.50 TH/s, it delivers the highest cost yield of 0.84 GH/s per euro, but also the lowest efficiency at 21.76 GH/s per watt. The rest of the currently available miners are in between.

The consideration can be used to identify influencing parameters that influence the yield: A higher number of miners operated (S19 Pro and T17+) increases profits in the long term with regard to their optimal number and the local hash rate made available.The goal here is to find out the compensation, just like a reduction from when the Miners start earning returns (in the global hashrate (e.g. after a halving and investment versus reward) and what the return is versus market value.

2023 Model Phase 1

Miner Model	S19 Pro	T17+
Number	785	1323
Investments	7,85 Mio €	5,88 Mio €
Income per month	747000 €	349000 €
Profit	509 %	221 %
Yield per year	9,15 Mio €	4,20 Mio €
ROI of Invest	1.5 Years	2 Years

2025 Model Phase 2

Miner Model	S19 Pro	T17+
Number	392	660
Investments	3.92 Mio €	2.94 Mio €
Income per month	373000 €	174 00 €
Yield per year	4.5 Mio €	2.10 Mio €
ROI of Invest	2 Years	3 Years

The maximum possible number of miners is an important factor for the ROI. Although the S19 pro requires a lower investment and already generates the first returns in model phase 2 after just under 1 year and 2 months, in contrast, model phase 1 achieves the target return of investment (ROI) in just 2 yeahr.

2026 Model Phase 3

Miner Model	S19 Pro	T17+
Number	196	330
Investments	1,969 Mio €	1.47 Mio €
Income per month	186500 €	87 00 €
Yield per year	2.25 Mio €	1.10 Mio €
ROI of Invest	3 Years	2.5 Years

The required hardware is ordered directly from the manufacturers in Asia. In the headquarters of REM GmbH, so-called mobile skip containers (swap cases) are equipped with the mining equipment and then put into operation at the respective locations taken. The hardware remains the property of Renewable Mining GmbH, and is maintained and operated by the employees of the company.

Logistics & Sales

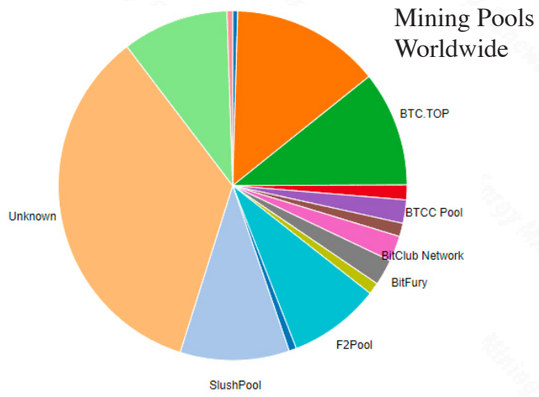
For the most efficient operation of the system, the model phase 3 is aimed at for the start-up and thus Renewable Mining GmbH requires capital in Amount of EUR 2 million for launch. This should only be found through venture capital investors as well as private investors.

That expects the launch of the Model Phass 3 Company in the basic assumption until the year 2026 with a turnover of approx. EUR 11.8 million plus ownership of the hardware. Since we assume that the price will rise in the future and the crypto market is bullish so that the price will rise, the profit is correspondingly higher. The scaling of model phases 2 and model phase 1 is being worked towards.

Corporate goal
The Rewnewable Energy Mining GmbH is as Project company to understand that with more professional Data centers / counter to the production of Bitcoin Ethereum Classic and Altcoins cryptomining.

Business organization
The management is carried out by the headquarters. In order to achieve the planned goals, we work together with the partner company. The company has offices, production and storage facilities as well as the necessary knowledge for such an undertaking.
The finance and accounting of Renewable Mining GmbH is managed by the company‘s tax advisor using the modern IT application DATEV.

Future Value
The company already owns 1 Billion from his own ERC-20 REM/BNB Tocken that are present on the binance netwotk.
The coin will have value of 0.5 til 1 $ and will be listed on several crypto exchanges like binance, coinbase kucoin. In the same time we are in the procedure to get listed on newyork nasdaq stock exchange and london stock Exchange.



ASIC mining servers

Hardware
With the funded capital from the investors, the required hardware is ordered directly from the suppliers in Asia. After delivery and customs clearance, skip containers are equipped with the working hardware, the so-called mining computer (miner), and delivered to the production site. The mining containers are currently used for 200 Asic computers and about 1 mining container is set up. The costs will be calculated after the funding. The hardware is insured and owned by Renewable Energy Mining GmbH at all times from the date of purchase.

Service
All other resources required for operation are provided by Rewnewable Energy Mining GmbH. Among other things, this provides analysis tools, to determine on a daily basis which cryptocurrencies (altcois) can be mined most efficiently. She is also responsible for monitoring the production of the miners. The daily earnings are credited directly to the start-up‘s account. The start-up also takes care of the direct connection to the respective exchanges and mining pools itself. 75% of all income after electricity and rental costs are available to Renewable Energy Mining GmbH to cover additional additional costs and to secure the interest and repayment obligations of the investors. The partner companies receive 3% of the income after electricity and rental costs for the maintenance and operation of the miners, depending on the services provided.

Benefit
The name of the future company is Renewable Energy Mining GmbH. The term „renewable“ is intended to indicate that our company exclusively on renewable energy resources falls back and we respect the take environment.
We want a clear one Sign for the eco-friendly Set bitcoin mining.

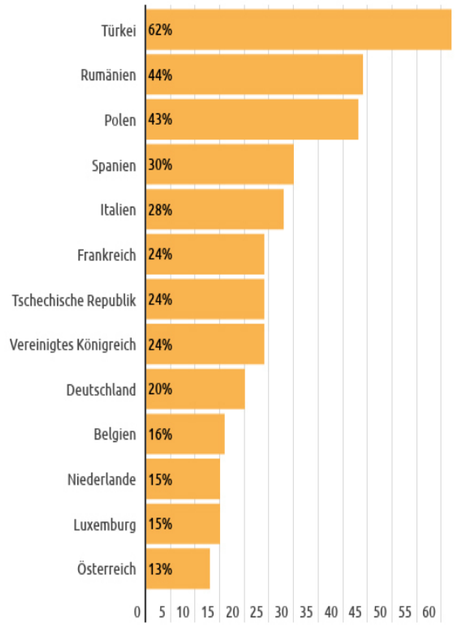
Renewable Energy Mining

description
The business idea

Core skills
The target product (Bitcoin) is generated using a special mathematical code. This requires strong computing power. With this particularly powerful and fast computing power, a stronger hash rate is made possible, which allows a sch256 algorithm to be solved. The faster such a complex algorithm is solved, the faster the Bitcoin and thus the reward is generated.

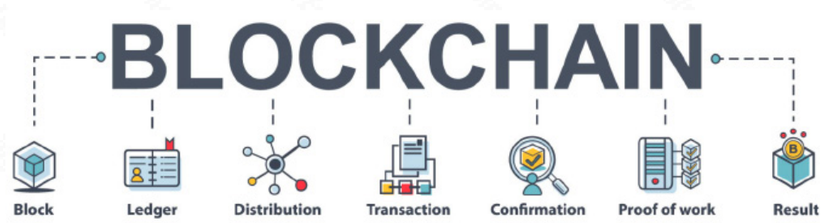
Service
The service will include connecting, monitoring and monitoring the special calculators called Asics, which are fast and powerful enough to solve this code and get the reward. The fastest and best Asic calculator is from Bitmain https://shop.bitmain.com/
Unfortunately, the powerful Asic computers are very popular on the market and therefore difficult to obtain. These must be pre-ordered and BitMain (the largest supplier and producer of the devices) has a long lead time and waiting list. As an alternative, you have to switch to middlemen, who are usually more expensive.

Outsourcing
All other resources required for operation are provided by the partner company. This provides analysis tools to determine the amount that can be mined most efficiently on a daily basis. She also oversees the production monitoring of the wind turbines on site. The daily earnings are credited directly to the start-up‘s account
Connection of Rewnewable Energy Mining GmbH
The company is responsible for the respective stock exchanges and mining pools. The coins are transferred daily to the start-up‘s wallet.



Customer
The business model impresses with the
Fact that no physical customer is needed. The product (the bitcoin) can be sold directly on the world‘s major digital exchanges at the current daily rate. The Bitcoin and the Altcoin are accepted at many trading places around the world, these can be very simple on the digital ones
Exchanges are sold over the internet.

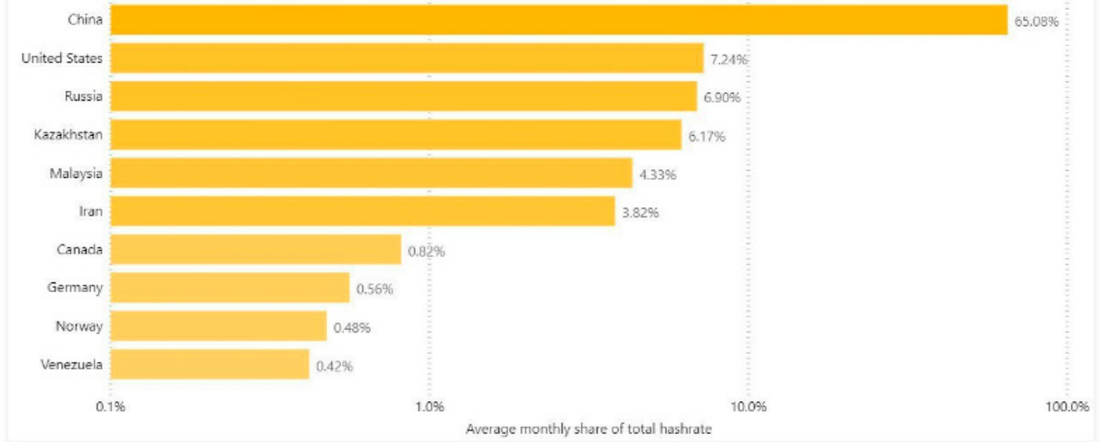
Distribution & Communication
What is special about our company is the fact that we work with renewable energy sources and therefore take the environment into account and clearly set an example for environmentally friendly Cryptocurrencies Mining.

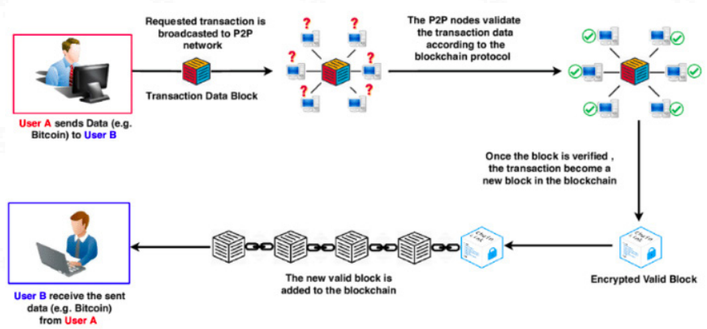


Market
According to research, the largest mining centers are in Iceland, Canada, the USA, Russia and other countries with suitable climatic conditions and low electricity costs. In the recent past, China was also one of the top producers of cryptocurrencies, but the mines in China have now been regulated by the government and mining Bitcoin in China has been banned. Since China has been one of the largest bitcoin miners and 67% of the hach rate has come from the country, the allocation is rearranged and the shares of the brand are reallocated. In the world

Market Overview
Genesis Mining and Bitmai can certainly be mentioned as market sizes in the mining sector. A simple overview of all mining capacities cannot be researched in detail, but at this point we have a clear overview of the general market development of selected cryptocurrencies
Market capitalization shown:

Cambridge Iniversity has launched a Bitcoin Mining Map





Renewable Energy Mining

The market & competition

The Marktchancen
Cryptocurrency is becoming more mainstream than ever. From banking to access to government institutions. Services can be found in various Industries have different uses of blockchain. To understand how you from Cryptocurrency can benefit, follow them Trends and examine the growth of technology to identify areas you can benefit from.

Blockchain-Banking
Banking has also benefited from one of the strongest current blockchain trends. Blockchain, the backbone technology, the crypto trends supported, has enjoyed impressive acceptance from leading banks. Many banks use blockchain to manage financial data and verify transactions. For example, banks like JP Morgan started tracking cryptocurrency This is leading to some of the banking industry‘s major investors adopting the technology and for make it mainstream.

Government regulations for crypto trends
In the past three years, most crypto news and trends have reached the mainstream and caught the attention of the private sector and governments. As crypto adoption increases, governments are coming up with regulations to tap into the nascent market. Some authorities have drafted crypto tax regulations.

Decentralized Finance (DeFi)
Decentralized finance has been ranked as one of the strongest cryptocurrency trends of 2020 as it introduces crypto into the world of trading, lending and borrowing. In the traditional trading industry, the central authorities dominate the financial system. These authorities regulate the system and serve as an intermediary between different parties. A good example of this is the involvement of banks in facilitating transactions between people and institutions.

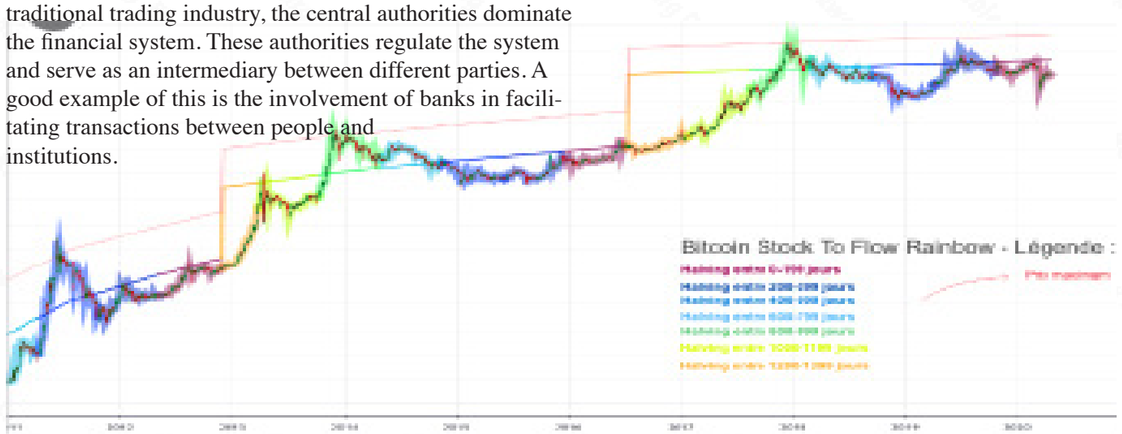
Despite the importance of banks in this chain, new technologies are helping to replace banks as intermediaries. Various areas of finance such as lending, stock exchanges and wealth management can now be done with the help of cryptocurrency without involving intermediaries.
This is one of the current blockchain trends and future trends that will reshape finance and increase public access to key investment tools. This lowers the cost of accessing these services as there is no intermediary involved.

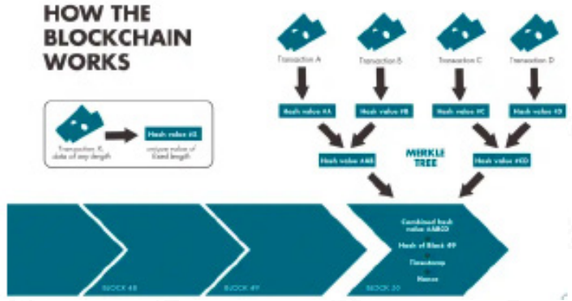
Enhanced privacy and security

Progress often happens in times of crisis. With millions of transactions taking place in the crypto world, there are still some privacy and security concerns that need to be addressed. A recent Twitter hack compromised the accounts of many high-profile individuals.

The hackers managed to siphon bitcoin from followers who believed the posts asking them to donate were written by the account holders.

This incident accelerated the conversation about security and privacy on both social media and crypto platforms. Hacking is a
Problem that may last longer, but crypto networks are developing systems that offer protection to users.



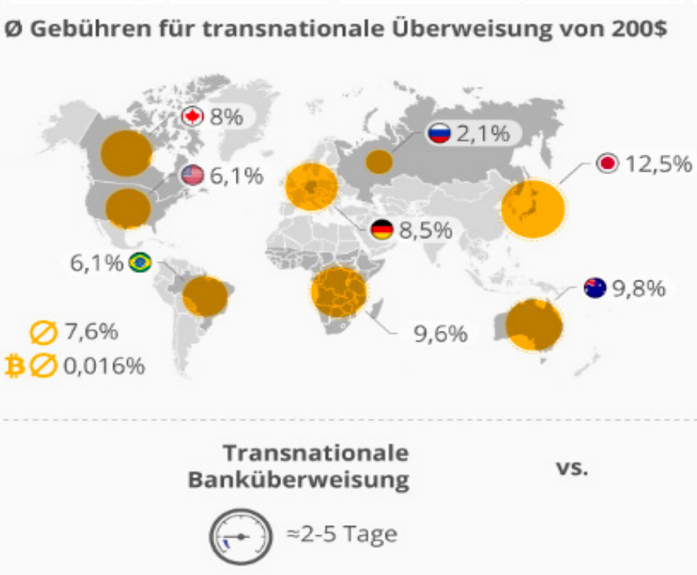


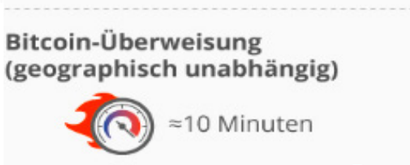
Current status and development

How has she changed this industry in recent years to the current status?

What is special about blockchain technology, what makes it so fascinating? Above all, it is the potential of the blockchain, i.e. the technology
behind cryptocurrencies such as Bitcoin, which exerts a great deal of fascination. From our point of view, the blockchain could manage to become a mainstay of the digital space. We are currently still in the early phase of the crypto evolution, but as soon as the first blockchain-based business models are successful in the mass market, entire industries will restructure –
comparable to the change brought about by the emergence of e-commerce in the early 2000s.

Put simply, the blockchain is just a database in which information is continuously recorded and which is managed decentrally in a network by many participants at the same time. Thanks to encryption algorithms, none of the participants can subsequently change or falsify the database.





This is a big difference to conventional systems, because there an administrator can subsequently change data. This is not so easy to do on a blockchaiInn our increasingly digitized society, guaranteeing that digital data is immutable is a big step:

I can be sure that my stored data or information will remain unchanged, do not have to fear deletion or changes by third parties. Another unique feature is that in a blockchain network, all participants coordinate and form a consensus without the help of a platform or other central instances. We are used to organizing with the help of central institutions such as banks and stock exchanges or platforms such as eBay and Amazon. The blockchain makes such central nodes superfluous. We are therefore on the threshold of an economy that is much less dependent on central control bodies and middlemen. For example, musicians could use the blockchain to securely anchor their rights to songs and transparently settle accounts with everyone involved. They need neither large record companies nor GEMA, which generate enormous costs and offer little transparency. central point, especially when automating
processes.

Renewable Energy Mining

Team & Partner

Founder & Team
Behrus Pour, as Managing Director on
23 Jan 2019 under the name „Renewable Energy Mining“ based in Hamburg, the entry in the trade registration office carried out.

The enterprise was carried out with a share capital the company of 100 K.- firnished and is in the founding phase to a GmbH of the District Court of Hamburg. The start-up is planned to be converted to a full AG on J 1st, 2023 and the operated as a fintech blockchain mining company record.

The founder Mr. Pour has been a for 20 years
Computer scientist he has in Sydney 5 years a foreign
Graduated with specialization
Information Technology System Administration
Network technology. So he has the necessary know-how for the company and is well positioned on the international market. He is also self-employed and has Study as a master of science web developer / programmer / blockchain developer / komunication desing / digital medial solution. He has 10 years of experience in cryptocurrencies, blockchain transactions and the mining business. He has been actively running a mining farm for 5 years, which have brought him profits. From this experience, the decision was made to found the start-up and to expand the business field to a new level.

Mr. Andreas has gained experience in finance and the stock market since 1980 and was able to acquire knowledge in various positions, such as analytical project support, social sciences and trend analysis.
The conception of infrastructures, as well as projects and developments for other blockchain application areas, such as and NFT‘s, are among his strengths,

Founder of REM

Profile
Behruz Pour

linkedin.com/in/behruz-abdol

Value
Out vision is to show with our start-up that it is also possible to mine Bitcoin and Altcoin without polluting the environment.
Furthermore, we aim to create and produce a good investment facility, which will receive a significant increase in value in the future.

Key partners
The key business partners are the
Electricity suppliers from whom the electricity should be purchased cheaply. There are several Power procurement options.

1 power packs at great prices from the big ones buy corporations.

2 Produce your own electricity

3 stream of small sustainable Buy electricity producers

4 buy excess electricity that is no longer in mains can be fed.

Potential risks
One of the downsides to the bitcoin mining location is the circumstance of the weather. The containers can become too hot due to high temperatures. Additional ventilation is required so that the devices do not overheat. The second disadvantage
relates to the power supply, since you have to rely on the electricity supplier. It must be guaranteed in advance that a stable
Power lines are available that are not interrupted. Furthermore, a stable internet connection is essential. This must also not be interrupted. Therefore, stable factors for the implementation of the project must be given.

Company & Goals

Production (core activities)

The basic idea is to buy the excess electricity that they can no longer feed into the grid from the electricity operators of renewable energies. Thus, more favorable conditions can be negotiated in order to generate the Bitcoin cost-effectively.

Electricity suppliers
The Renewable Energy Mining Start-up has sighted the first exclusive locations in advance and can therefore buy the electricity you need on attractive terms. It can be assumed that these locations can be used over the entire term of the project company, so that massive price increases in the electricity sector are not assumed from today‘s perspective.

Domicile
All necessary company premises are rented or are available directly on site provided.

Legal Forms and Regulations

The Renewable Mining Startup is to become a GmbH in the first attempt, which is later to be converted into a public limited company with corresponding sales and profits

Logistics
The processes when ordering the hardware up to the installation at the production site have been tried and tested. A cooperation partner of Cpyptochech GmbH on site in Asia coordinates the deliveries and monitors the production processes of the notified hardware. Most of the hardware is delivered directly to Hamburg by ship freight. After the containers have been equipped, they are taken directly to the respective locations by a freight forwarder and are there on the factory premises after connection to the existing infrastructure (LAN/electricity). There is a start-up phase of around 6-8 weeks between ordering the hardware and digging under full load.

Capacity
The production facilities of the hardware in Asia are in constant competition, there is no sign of a massive price increase, but it cannot be completely ruled out.

Location
The company‘s headquarters are in Germany with an office in Hamburg.
The administration is run by the Hannover office and the headquarters are in Hamburg.
The mining containers / plants should be set up at the respective locations where the best conditions would be negotiated for optimal electricity generation from renewable sources
energy sources.

The reason for the decentralization of the mining container is that the electricity price can fluctuate depending on the demand for different renewable energy systems and mobility plays a major role. In order to adapt quickly to the circumstances, it is advantageous to be mobile and not to be dependent on the electricity supplier.

Renewable Energy Mining

Three worst case scenarios for Bitcoin

New all-time high, new hype.
Bitcoin is back, as it is in the mainstream.
But could Bitcoin still fail? And if so, what?

Scenario one:
The state intervenes It is the classic in the arsenal of Bitcoin skeptics. Nouriel Roubini argues that such a state intervention against Bitcoin can be different
have shapes. Economist Joseph Stiglitz recently said, "Cryptocurrencies pose a threat to global financial stability. They threaten to thwart decades of efforts to increase transparency in the global financial system." The fact that strict rules now apply to crypto exchanges in Europe and elsewhere does not change this line of argument. Bitcoin was created as
created independent money and will therefore always be under close scrutiny. Its decentralized
Construction makes an outright ban difficult. But the ups and downs towards blockchain
controlled by the state.

The miners centralize or throw that
Towel. When it comes to the technical background, there are far better experts than me. But in the relevant articles, the system of
Bitcoin miners often as a potential vulnerability identified. Theoretically, at some point there could be a cartel controlling the difficulty and transactions of the Bitcoin network. As I said: There are good reasons why such a development is very unlikely. But it is not unthinkable. Also, a sudden crash in the Bitcoin price (for whatever reason) could simply make mining unprofitable and bring the blockchain to a standstill.

Scenario three:
An even better asset is coming Here too, of course, I am reaching the limits of my technical knowledge. But if, after a little more than a decade, Bitcoin has already been dubbed by many as the "money revolution of the 21st century"
celebrated – who says that in 10 years an even better asset won't be invented that outperforms Bitcoin in important respects? Of course: As with Facebook, Twitter and Instagram, cryptocurrencies are not just about the technology, but about the network effect.
And it is clearly on Bitcoin's side as the „original" among the cryptocurrencies. In addition, it can be assumed that new assets will not completely supplant Bitcoin, but rather complement it. But as I said:

Nobody knows what the future will bring.
And in this young market, you should always be on your guard. And what if a state like Russia or North Korea uses Bitcoin to circumvent US sanctions? Apparently that's already happening. What if smaller states start adding bitcoin to their currency reserves? Sure, that would be a success at first glance, would even push the price up. But - and this is the crux of the matter - should Bitcoin ever become a threat to the currency monopoly of a larger state or a confederation of states, we could still experience exciting days.

Investment banking giant JPMorgan has issued a long-term Bitcoin price forecast above $146,000. This price target for BTC
is based on the now widespread assumption that the leading cryptocurrency will gain popularity as an alternative to gold.