

# Epidaurus



## White Paper

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Epidaurus is a green and secure utility cryptocurrency with a separate social venture charity branch. We have multiple innovative use cases that pair with the burgeoning ecosystem of projects associated with our coin.

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## 1. INTRODUCTION

Cryptocurrencies and blockchain technology have evolved significantly since Bitcoin's start in 2009. Bitcoin was created by one or more people using the pseudonym "Satoshi Nakamoto," who envisioned the project, wrote the code, and published the whitepaper. Speculation about their true identity has swirled ever since. Various people have claimed to be the author, or claimed that Bitcoin was a failed NSA project. Regardless of the truth, cryptocurrency and blockchain technology are here to stay.

Since its creation, Bitcoin has seen multiple periods of explosive growth and expansion, and has also "died" multiple times. Nevertheless, we have moved closer and closer to a universal adoption of digital currency. There have been several crypto frenzies, accompanied by a "crypto winter" or recession. Each time cryptocurrencies were declared dead, they have bounced back, reaching greater and greater highs. The last decade has seen exponential growth on early exchanges like MTGOX, followed by equally rapid crashes. The early days of cryptocurrency trading were plagued by trading bots (the *Willy* bot,) which artificially inflated the price and drove Bitcoin above \$1,000 in November 2013. Exit scams and various hacks led to the end of those early exchanges, but more sophisticated ones took their place. Despite the uncertainty of Bitcoin's origin and author, people embraced the technology for privacy, convenience, and economic growth.

We have reached a point where the technology has outgrown its creator - and the original author's identity or motivations *no longer matter*. The massive growth in the entire digital currency ecosystem is proof of this. While Bitcoin was initially met with scepticism, more than a decade of growth and resilience has led to greater acceptance.

Here are a few of the key dates in cryptocurrency history:

### TIMELINE

|              |   |
|--------------|---|
| Jan 3, 2009  | Bitcoin's Genesis block was mined                     |
| May 10, 2010 | Bitcoin 'Pizza Day': Two pizzas traded for 10,000 BTC |
| Oct 2011     | Litecoin launches                                     |
| Oct 2013     | Bitcoin hits \$100 for the first time                 |
| Dec 2013     | Dogecoin (a key memecoin) launches                    |

|             |  |
|-------------|--|
| Feb 2014    | MT. GOX exit scam, the first Bitcoin bubble “pops”       |
| July 2015   | Ethereum launches  |
| Sept 2017   | Cardano (one of the first proof-of-stake coins) launches |
| end of 2017 | Bitcoin sees a massive 20x run-up at the end of the year |
| Oct 2021    | Bitcoin recovers, hits an all time high of \$61374.28    |
| Sept 2022   | Epidaurus (EPiD) launches                                |

All these dates and milestones point to continued growth and achievements for Bitcoin, and cryptocurrencies in general.

## **2. PROBLEMS AND MISCONCEPTIONS**

Numerous problems face cryptocurrency, among them the slow actual adoption of cryptocurrency use outside of investments. From fluctuating markets, prices, and most recently crashes of even stable coins, the large problem for blockchain and cryptocurrencies is gaining trust in the general population, that cryptocurrencies are sustainable and not a drain on resources or the environment.

A constant complaint is that cryptocurrencies can be used for illegal purposes. Starting with the Tor-powered drug bazaar Silk Road, people have claimed that digital currencies are being used for drugs and money laundering, stolen in massive hacks, demanded for digital ransoms, and worse. The reality is if you take the word “crypto” away from “cryptocurrency” what remains is “currency”, i.e. money. Humans have done and will do terrible things with money, regardless of its shape. This does not make money inherently good or bad, and the same thought process needs to be applied to cryptocurrency.

To stop these kinds of crimes, should digital currencies be banned? Some countries have already begun to eliminate or heavily regulate the use of cash by individuals. Decentralized currencies represent a new “Wild West” where there are very few rules, away from the traditional banking sector. However, they also represent a social good in offering fringe members of society access to the traditional banking services. For people where banks are unstable or the local currency is weak, cryptocurrency represents more control over their finances, without restrictions. Should people be criminalized for simply handling cryptocurrency? We believe not,

and will strive to be a solid presence that empowers individuals in their pursuit of such freedoms. We aim for a truly independent and decentralized coin that protects against the inflationary aspects of fiat currency.

Another complaint is about the environmental impact of cryptocurrency mining, usually focused on “proof-of-work” coins. The EU recently discussed and rejected a law<sup>1</sup> banning energy intensive cryptocurrencies, such as those that use proof-of-work schemes. Epidaurus aims to alleviate these problems and concerns by focusing on the less energy intensive “proof-of-stake” format, and ensuring that all machines used in creating and maintaining our coin are solar and renewable energy-powered. We also aim to offset our impact on the environment through our charity work as well as focusing on eco-awareness and green systems education.

### **3. GLOBAL ADOPTION AND EVOLVING POLICY**

In the last few years there have been hundreds of millions of investors around the globe who have become interested in cryptocurrencies and blockchain technology. Major corporations have also been buying and investing in cryptocurrencies. Several countries have taken the further step of formally adopting Bitcoin or other coins, and making them legal tender. El Salvador formally adopted Bitcoin in September 2021, seeking to distance themselves from a rapidly-devaluing United States dollar. The Central African Republic and a special economic zone in Honduras followed not long after, in April 2022. The essential goal of these countries was to get in on the ground floor of a new permissionless economic system, while utilizing the transparency inherent to blockchain technology.

The government of the People’s Republic of China has introduced a digital yuan that claims to correct the errors of Bitcoin and other coins. While most cryptocurrencies were designed to avoid the centralization that comes with fiat currency, the “digital yuan” utilizes a bank-controlled blockchain to keep a record of all transactions. The mainland Chinese

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<sup>1</sup><https://www.coindesk.com/policy/2022/03/14/proposal-limiting-proof-of-work-is-rejected-in-eu-parliament-committee-vote-sources/>

hope to convince consumers to abandon Bitcoin and other digital currencies in favor of their central bank digital currencies (CBDC.)

While many entities and even countries have begun to move towards cryptocurrencies, there have been some voices in opposition. The People's Republic of China (PRC) initially embraced cryptocurrencies and even NFTs. BTCC (Bitcoin China) was one of the first crypto exchange companies in Asia, and provided a lot of the initial groundwork in educating consumers throughout the mainland. Unfortunately, as part of a general crackdown on assets that operated outside of capital controls, the PRC banned most centralized crypto trading activity. However, it is still legal to own cryptocurrencies and NFTs. Though technically legal, it is a grey area with recent crackdowns on Localbitcoins and mainland China-based exchanges. Mainland Chinese investment in cryptocurrency continues through private groups and peer-to-peer trading. This kind of government overregulation and control remains a threat to digital currencies.

Unfortunately, this provides all of the drawbacks of cryptocurrencies, with none of the advantages of cash. This move is emblematic of the economic establishment's attitude towards digital currencies, where the entrenched powers want to pick and choose the aspects that help them, while ignoring the parts that aid the average person. Other central banks are following suit, in order to impose more control over digital currencies. Custodial or wrapped Bitcoin act in a similar manner, utilizing the transparency of a public ledger, without the cash-like aspect that prevents leverage or fractional reserve speculation.

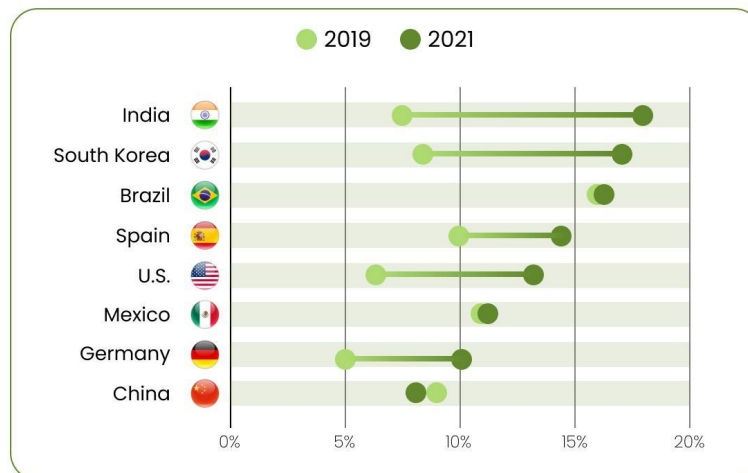
At this point, more than 103 countries allow bitcoin and other cryptocurrencies to be held and traded. Far more have no legislation regarding it, making the total number of countries using digital currency much higher. The next logical move is investments by nation states. We have already seen some hoarding of bitcoin and crypto by smaller countries in a similar manner as gold is hoarded. The American states of Arizona, Colorado, and Wyoming have already proposed bills that would allow the public to pay their taxes with Bitcoin or other cryptocurrencies. Globally, digital currencies are seeing much more acceptance every year.

India is one of the more conservative countries when it comes to Bitcoin, with laws neither banning it nor explicitly allowing it. India has

grown to be the world’s second largest cryptocurrency market as of 2022. Officially, the Indian government has declared that they will not pass any laws regarding Bitcoin ownership “until a global consensus has been reached.” A cryptocurrency trading income tax of 30% was recently introduced in April 2022, in an attempt to discourage consumers. India banned cryptocurrency exchanges from 2018-2020, but 15-20 million consumers still collectively hold more than \$5.3 billion in digital assets. Demand has increased greatly since June of 2020, when the ban was overturned.

Brazil has also recently moved to provide a framework for Bitcoin in their country, introducing some regulations to standardize and regulate it. The Brazilian government’s stated goal is to attract digital currency businesses to the country, in order to increase investment and connections with the global economy. Proposals include waiving import taxes on cryptocurrency mining computers, as well as introducing their own central bank digital currency. Final regulations are expected there by the end of 2022.

Where cryptocurrencies are growing



By stockpiling Bitcoin and other coins countries can protect themselves against inflation and devaluation of their currencies, much as gold bullion served as a reserve currency in the past. Unlike gold, digital currencies are easy to transfer and cheaper to store. While gold has traditionally been a store of wealth, cryptocurrencies have a strong

potential to displace some of that market. As more and more countries adopt them as legal tender or as a reserve, we will see greater public interest and acceptance. Governments and common people are in a race to either regulate or adopt - but crypto is now indisputably here to stay, with approval from the highest levels of government. Consumers will also educate themselves, and seek out true cryptocurrencies instead of state-backed and controlled blockchain implementations. The old adage about gold will remain true for digital currencies:

***“If you don’t hold it, you don’t own it!”***

#### **4. EPIDAUROS NAME ORIGINS AND OUR ETHOS**

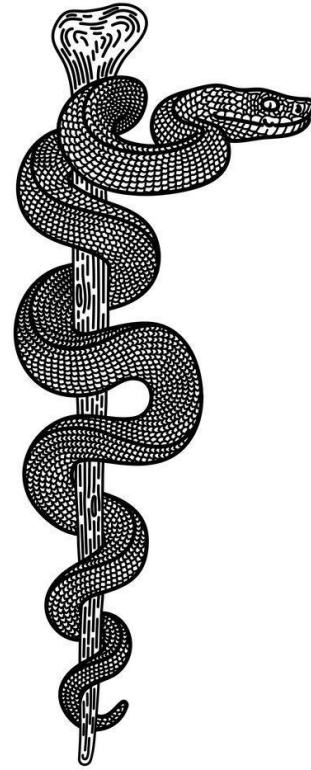
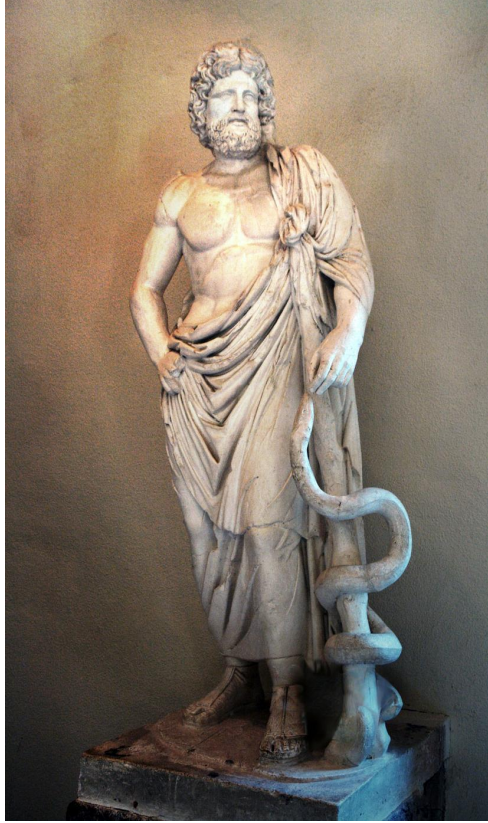
**Our name.** There are essentially two reasons why we decided to adopt the name Epidaurus for our cryptocurrency:

First, we were inspired by the magnificent Greek amphitheater of Epidaurus, built in the 4<sup>th</sup> century BC. The amphitheater is considered to be one of the most iconic ancient theaters ever built, thanks to its brilliant acoustics and architecture. These outstanding features allow the sound of a single coin dropped on the stage to be heard by all in the 14,000 seat theatre. We were also reminded of the Latin word “aurus” or “gold,” which was also part of the name of a Roman gold coin, the aureus.



Notice that the backdrop is of the horizon. This type of amphitheatre is not enclosed, but rather looks down over a valley.





The Epidaurus amphitheatre was built to honour Asclepius, the son of Apollo and hero/god of medicine whose staff (above) is still today's symbol for medicine. It was believed that observation of dramatic performances had positive effects on mental and physical health. So the amphitheatre was part of a great operating sanctuary or hospital, and funded through it.

We feel that the name reflects a spearheading of digital nomad life and a borderless existence for everyone. This would allow anyone to better define the realities of the 21st century in terms of work, wages and lifestyle beyond any single nation.

**Our ethos** is a commitment to sustainability and positive change for the planet. This starts with being environmentally responsible and proactive in our project, and within the greater crypto community. We believe in better technology and approaches to sustainability. We want to use technology to enable a borderless digital community that embraces all the differences

in life. Not only do we claim this philosophy, but we are trying to live this change. Our team members are based all over the planet, with many third culture people or expats with vast experience in other countries and cultures.

We believe in neutrality, open borders, enabling digital nomads, and working remotely. We think that people should be allowed to work remotely or in a hybrid manner in more than a few sectors like technology or business. Working across different regions shouldn't be something that is bureaucratically onerous, or saddled with logistical uncertainty and impossibility. Our founders and project members were early adopters to cryptocurrency and bitcoin use for just that purpose, as a decentralised and borderless form of currency.

Finally, as shown by our use of the name of Epidaurus, sustainability and wellness are the linchpin for our entire growing ecosystem and projects. We believe in healing and medicine through the arts, nature, science and a free-thinking society. Culture, independence and impartiality are what the ancient Greek amphitheatre practised. It also was a sanctuary of medicine, in the greater sense of physical and mental wellbeing. Wellness is our everyday focus, and this technology works to innovate and create better solutions and possibilities through blockchain technology. Our in-house projects and the partnership projects will lead to a greener, more independent and open existence for all people globally. We feel that these kinds of changes are achievable and that a better world is on the horizon.

## **5. A CARBON CONSCIOUS CRYPTOCURRENCY**

### **Partnerships with climate action NGOs and charities**

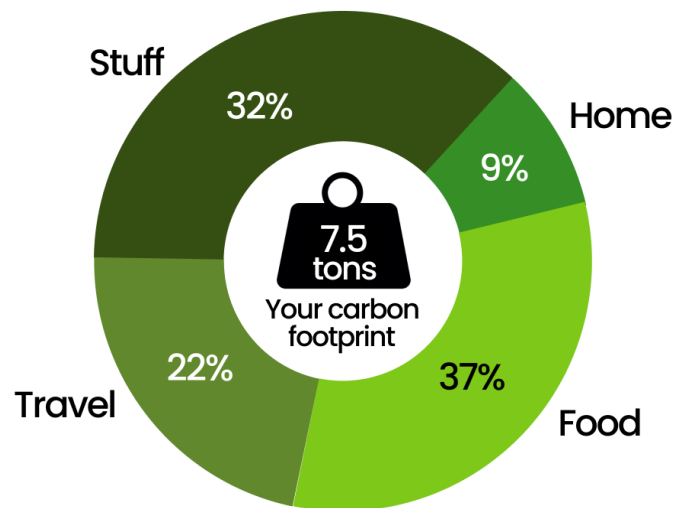
The climate and ecological crisis is a reality facing all sectors of society. When government policy on climate action is at snail pace, the responsibility for climate action falls on individuals and community groups. The recent release of the updated IPCC<sup>2</sup> report highlights some key of the consequences of climate change including; Africa contributing to the least

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<sup>2</sup>[www.independent.co.uk/climate-change/news/ipcc-un-report-ten-findings-b2024549.html](http://www.independent.co.uk/climate-change/news/ipcc-un-report-ten-findings-b2024549.html)

amount of emissions yet being at most risk, glacier outbursts and continued misinformation across the globe on climate change. April 2022 sets a record for the highest amount of CO<sub>2</sub> in human history<sup>3</sup>, whereby concentrations of carbon dioxide being produced through the burning of fossil fuels are solely down to human activity – this should be enough to raise alarm bells. We are living through a 6<sup>th</sup> mass extinction different from others in history, and this is directly linked to human activity.

True to the core meaning and significance of Epidaurus, we aim to heal, regenerate and educate through focusing on reducing the carbon costs of our everyday business activity and personal lives. We are looking to integrate climate action education programs through staff-wide career development training – which will be integral to the function of everyday businesses. We will form partnerships with groups at the forefront of taking positive climate action. Staff will create individual and group action pledges which will reflect their home and work spheres in making the commitment to reducing their own carbon footprint through undertaking continued training – which will be used to promote to existing and future stakeholders.



<sup>3</sup> [www.axios.com/2022/05/04/april-sets-record-highest-co2-levels](https://www.axios.com/2022/05/04/april-sets-record-highest-co2-levels)

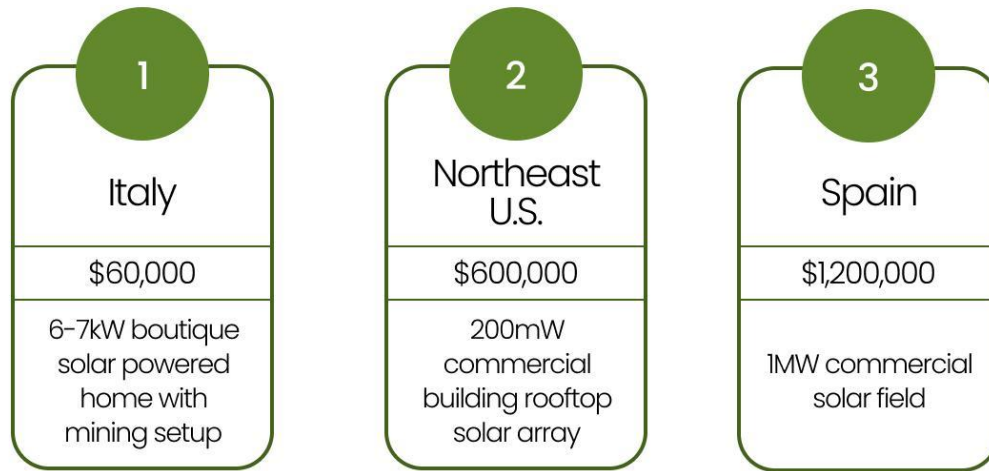
## 6. OUR COMMITMENT TO SUSTAINABILITY

There is a growing movement in the business world to implement more sustainable practices in reducing carbon footprints, and the “circular economy method” is an example of this. More businesses are adapting practices to address scopes 1, 2, and 3 to actively and methodically reduce their energy practices to meet net zero carbon targets<sup>4</sup>. Indeed, the nature of crypto mining and following transactions happens online therefore our focus will be on scope 2, which focuses on indirect emissions. Through the progression and transition of different phases of the project, solar power will be used as the key source of energy for mining. Further research and collaboration with think tanks on the synergy of mining and renewable energy will provide more scope reduction and sustainable practices.



<sup>4</sup><https://plana.earth/academy/what-are-scope-1-2-3-emissions/>

## 7. SOLAR MINING AND CASE STUDIES



There are valid and growing concerns over the intense energy requirements necessary to create cryptocurrency and process blockchain data. The Epidaurus project recognizes that confronting and mitigating power usage is essential to meeting the outlined sustainability goals. The first part of the solution has been selecting a less energy intensive proof-of-stake consensus protocol. The second part is utilizing renewable energy to power real-world events and staking processes. While there are many excellent renewable resources, employing solar is the most flexible, scalable, and cost-effective approach to addressing energy demands. A few of the many use cases are outlined below.



Our first use case is a ruined private residence in Italy<sup>5</sup>, that will be restored and modernized to incorporate solar power and a small staking operation. The goal is a full time residence for a private individual, which also generates its own power and a small potential profit from staking. Italy has one of the highest rates of solar adoption in the world, with over 20TWh

<sup>5</sup><https://www.forbes.com/sites/rebeccahughes/2021/01/26/italys-bargain-1-homes-are-back-with-even-better-deals/>

produced yearly. Additionally, in 2021 the Italian government centralized solar requirements under the DL Energia Decree (simplification decree). This law significantly eased regulatory burdens and sped up renewable project approvals. Additionally, the government extended a 110% Superbonus tax credit that enables property owners to recoup the cost of solar installation and energy efficient capital improvements.

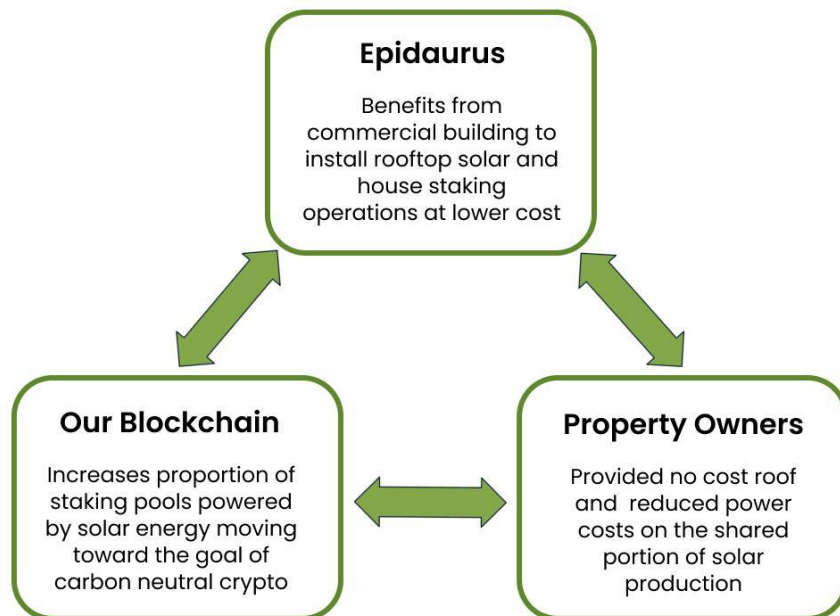
There are multiple communities in rural Italy that have substantial generational depopulation. This is the result of elevated property taxes (IMU) that owners must pay on secondary residences. Younger citizens that inherit these properties face cadastral (appraised) taxes based on 5% of property value, with multiplied coefficients of up to 160x for larger properties. Subsequently, many owners are unwilling or unable to pay the taxes and abandon them to local governments, or sell them for low cost. The excess supply of homes has created a buyer's market where buildings can be purchased for a little as 1 euro. In practice, local officials organize property auctions and select buyers based on renovation plans that align with the local aesthetic and effectively raise property value.

Epidaurus will select a 2 bedroom, open floor plan residence that can be made energy efficient and support a 6-7kW rooftop solar array. A private individual will make the home their primary residence, and make a profit from staking crypto while benefiting from solar power. The average staking pool in Europe requires 2.46kW of installed solar panels, and consumes 2588kWh per year in power. The plan will allow 1-2 staking pools to operate, depending on residential power use. Financially, this project is estimated to have a budget of \$60,000, with a break-even point of eight years or sooner.

As of mid-2022, grid power prices are twice the cost of solar per kWh, and the gap is widening. Additionally, self-funding and tax incentives enable the project to avoid financing costs and increases MIRR. With this solid financial outlook, an extended goal will continue the renovations throughout an entire village and will provide opportunities for technology entrepreneurs to assist in solar and IT support. Ideally, this will attract younger residents, dovetailing with rural Italian government plans to encourage repopulation. With solid revenue metrics from our initial projects, we intend to partner with other community conscious crypto projects on sustainable housing projects worldwide.

Our second case is a partnership with existing commercial properties for rooftop solar development in the Northeastern United States. Two established commercial office buildings with existing tenants will provide the rooftop area for solar arrays. Each project has an approximately \$600,000 capital investment after accounting for government incentives. These projects have twenty-five year life cycles to coincide with the warranty periods of tier 1 solar panels and TPO/EPDM commercial roofing materials. The value exchange between Epidaurus and property owners is structured as follows. The property owners are provided with replacement roofs for their commercial buildings, with a capital value of \$175,000. In exchange, Epidaurus is provided a no-cost twenty-five year lease on rooftop space. A 200MWh a year solar array priced at \$2.20 per kWh/year will result in a solar expenditure of \$325,000 after incentives.

#### Northeast U.S. Case Study



The commercial buildings are located in jurisdictions that benefit from four incentives. The most substantial cost reduction in the US Federal Investment Tax Credit (ITC). This tax credit returns 26% of the project cost completed in 2022 and 22% for projects in 2023. Additionally, the solar facilities are eligible to use MACRS depreciation and are exempt from the 7% sales tax on the material. Finally, excess power from solar generates significant revenue from Transition Renewable Energy Certificates (TREC's). For instance, if all power was sent back to the grid, each property would generate \$30,400 per year in revenue. With revenue and the provided office space, there will be substantial staking pool infrastructure. Consequently, this would translate into improved staking rewards and higher pool saturation with low environmental impact. Even without factoring in the staking revenue, this synergistic approach enables ROI timeframes under 10 years and conserves funds for real-world applications.



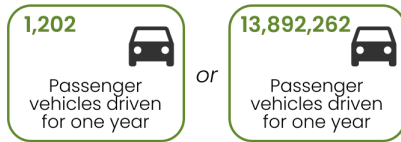
### 3 Spain

The third use case expands the renewable energy portfolio to include a commercial solar field in Spain. This project will have a \$1,200,000 dollar capital investment budget with a 1MW DC target size. A solar array of this size requires 2 hectares of land, including the associated structures. Epidaurus already has long-term access to land for a twenty-five to thirty year project lifecycle which coincides with the length of product warranties. A 1MW system is estimated to produce 1,500MWh per year. Under the Spanish federal 'Specific Remuneration Regime' (SRR), a solar production facility sized greater than 100kW is not able to self-consume power and is ineligible to use standard commercial feed-in tariff contracts for overproduction. Therefore, the project must partner with a 3rd party grid intermediary to facilitate interconnection and negotiate tariff rates. In this scenario, a 11%-18% internal rate of return with favorable infrastructure in place.



Additionally, there are opportunities to create smaller solar production facilities on land adjacent to the solar farm or the amphitheatre project. Technical factors such as proximity to substations or regulator banks will factor into creating smaller solar projects that are under the 100kW system size limit. Solar arrays will be used to power physical improvements and provide revenue stream for the project. This is beneficial when considering the average business power rate in Spain is \$0.11kWh, with an additional 21% VAT. At the time of writing the taxes have been temporarily reduced. However, Spain historically has some of the highest electricity and tax rates in the EU. Onsite solar production and consumption avoid those additional costs. Therefore, the outdoor venue can use power as needed for operations and see the 10-12% IRR accelerated to 20% when power is consumed by onsite staking pool operations. In this way, the Epidaurus can maximize revenue and environmental responsibility.

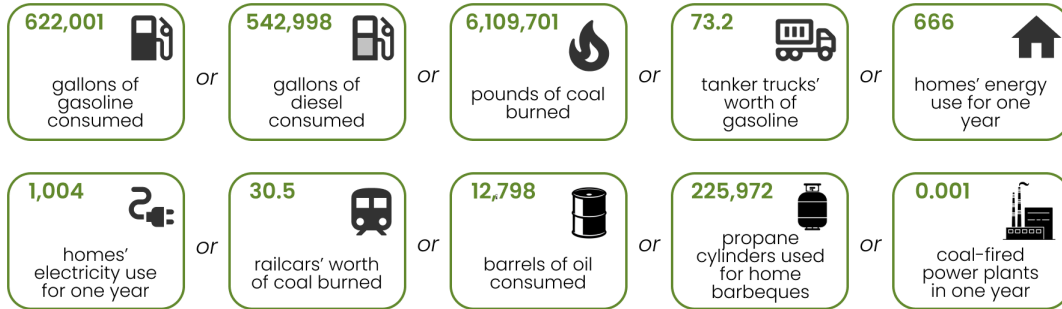
Our goal is to create a financially resilient network of solar sites to create a surplus of clean energy that can be used to fund wider projects, while still directly powering our project's energy needs. The case studies outlined here could provide 5%-10% of the power used on this blockchain when directed to staking. This proves the environmentally sustainable crypto is an achievable goal. As we expand operations, Epidaurus will strategically design and locate solar generation to work with other cryptocurrencies to use our for-profit energy supply, providing an alternative revenue stream. All of these operations and payments will be run through our Epidaurus cryptocurrency. We will allocate roughly 20% of our operations liquidity in stages to accomplish these projects and goals. As our market capitalization increases, we will move to the higher tier of projects. Sustainable energy will always be at the top priority in all our active projects, with full transparency and involvement of all stakeholders.



Proof-of-stake blockchains consume  
7,800,000 kWh / year in energy

Epidaurus will help make staking *greener* and  
crypto *sustainable*

**CO2 emissions from**



**8. SOCIAL VENTURES, Philanthropy and our non-profit branch**

*“Money is like manure; it’s only good if you spread it around.”*

The UK-based charity “Earth 2088 Foundation” is a separate legal entity directly linked to and funded by Epidaurus. Our application has been submitted for its constitution and is currently under review by the charity commission. Funding for the charity will come directly from the Epidaurus cryptocurrency, in the form of a Launch Day transfer of 3% of total circulation supply. This will be sold in intervals as we meet various price target levels. In addition, 3% of the ongoing Epidaurus operation budget will be transferred as cash for immediate use.

The Earth 2088 Foundation will also engage in standard fundraising and grant applications outside of Epidaurus sponsorship. The Foundation will focus resources and effort specifically on fighting climate change through education and supporting worthy like-minded organizations. We will engage in an ongoing campaign of innovation and change to reduce carbon emissions, and actively combat human impacts on climate change in any way we can.

The charity's three main focuses are:

**1. To aid in the United Nations' and global efforts to get clean and sustainable water for the approximately 33% of the global population that do not have it:**

One in three people on the globe lack safe drinking water. After careful consideration, we have decided that this would be our optimal first step, with the largest potential positive effect on global public health over the long term. Our planet is very interconnected despite its size, and the Epidaurus philosophy embraces a nomadic and borderless ideology. We also want to stress our commitment to global public health. We will strive to give more of the global population a sustainable source of clean and safe drinking water, in addition to water for basic sanitation and hygiene. We will begin with joining and supporting like minded organizations and UN sponsored projects from day one, aiding other worthy organizations. Our goal is to get more hands-on as our coin community and market capitalization grows.

**2. Environmentalism and conservation efforts most specifically combating climate change:**

Apart from entering the hybrid sustainable home sector, we seek opportunities to work on efforts to curb climate change and make the best choices possible in all aspects of our project. One of our stated goals is a commitment to solar and renewable energy for all machines involved in the development of our blockchain.

**3. To aid in human rights globally:** We believe the above two focuses very much fall under the concept of human rights. We are open to supporting opportunities and organizations that we can align ourselves with, to meet these aforementioned goals. This third focus would allow our foundation to direct efforts that are most needed to any crisis that rears its head in the effort to better support humane living standards for any at-risk community at any given moment.

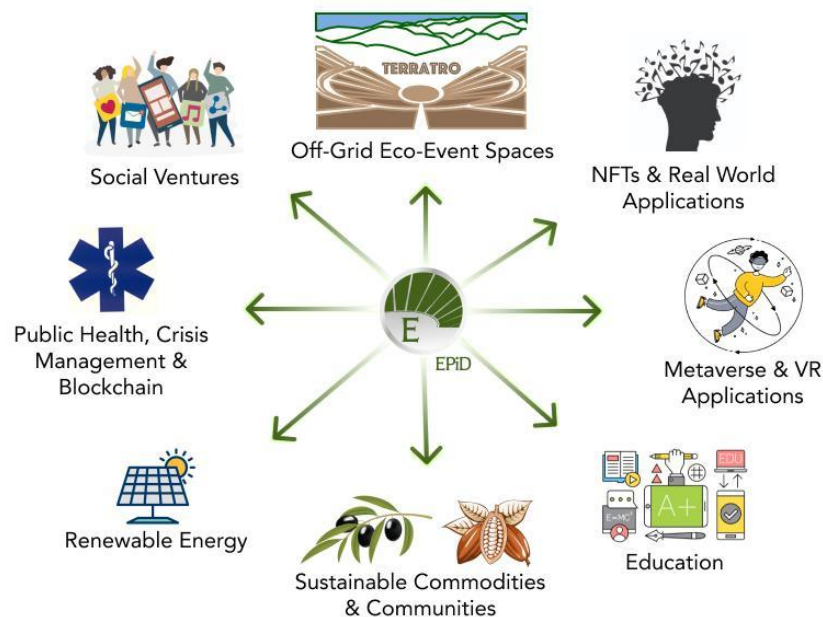
## **9. UTILITY AND OUR GROWING ECOSYSTEM**

We have several use cases and goals for the Epidaurus ecosystem. A few include:

**Off-grid sustainable event spaces for arts and well-being:** We are currently working on the first of three planned sustainably-powered event

spaces, which are surrounded by nature. These will have between 100 to 1,000 seats to start, and can be used for live public events with a focus on health and well-being performing arts. [Terratro](#) is the name of our first pilot project space, in the Terra Alta region outside of Tarragona, Spain. We have already identified a second site location which will be our main focus, ideally being able to host 1,000 or more attendees. We have planned for these two, with more to come by the end of 2022. These sites will be run for-profit, using Epidaurus for all transactions. We feel strongly that the demand for spaces like these will grow exponentially in the coming years. We will pursue and promote opportunities and projects for the further use of blockchain in public and global health fields. These spaces are meant to be sanctuaries, as well as multipurpose event spaces for education and eco-tourism. We see a huge need for spaces that will allow people to process the global shared traumatic experience of our post-Covid19 world. These types of spaces will have huge potential, and easily appeal to large swathes of the population.

**Non-fungible tokens (NFTs:)** We are currently exploring and negotiating partnerships for more real-world solutions and applications for NFTs including art and music, but also for use in smart contracts and record keeping. Other prospective uses could be public record keeping, for example university records, family trees / genealogy, and governmental certifications.



**Sustainable Commodities and Communities:** We are looking into the production of ethically-sourced sustainable commodities. These include tropically grown natural spices and plant products such as olive oil, coffee, chocolate, coconuts, tea, and the medicinal plant *moringa*. We have existing partnerships in Indonesia, Italy, and Spain. All current and future investments in these sectors will promote better sustainable business practices that are community minded, and involve development and improvement within the areas of every level of production for all parties involved.

**Metaverse and DEFI (decentralized finance:)** We will be actively working to link our project to the Metaverse. We're specifically interested in the use and development of virtual reality for real world applications such as education, commerce (especially real-estate) and the arts including film and theatre. We also believe that DEFI is a natural fit to the origins of our cryptocurrency, with the idea of being decentralized. More specifically our goal is to empower digital nomads, as well as all people globally, especially within emerging and developing markets. DEFI should be a level playing field, so we have committed the first stages of our launch to partially take place through DEFI and to continue and expand some aspects of our project there. Epidaurus will not be exclusively DEFI funded, as we are aiming to be listed on centralized exchanges shortly after we launch.

Epidaurus Coin will power all of these projects with the intent of creating a variety of revenue streams, solidifying our growth and value well beyond market fluctuations.

## **10. DIGITAL COMMUNITY AND HODLers INVOLVEMENT**

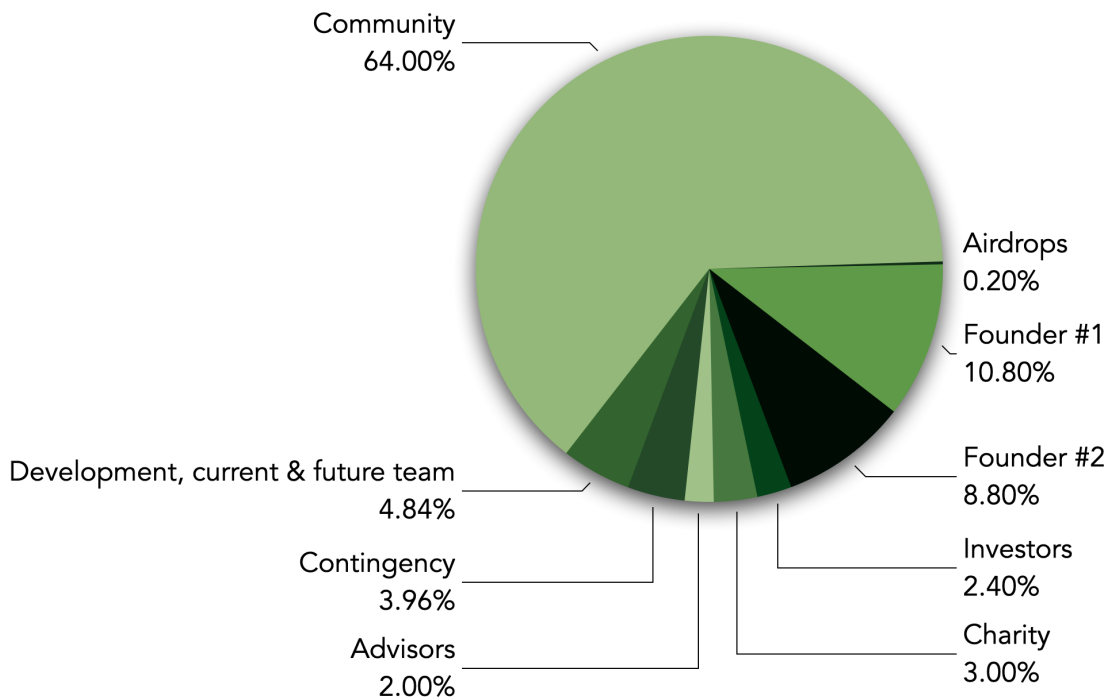
As we move through different phases of our project, we will make concerted efforts to engage with HODLers of our crypto, not just through rewards such as rebasing or staking pools (See our *Tokenomics* section.) At regular intervals we will let our community and stakeholders have a voice in voting how we allocate some of our liquidity in the development of these projects. A larger vote by the first stakeholders and pre-sale participants took place on Telegram in September 2022, two weeks before

our launch. This vote determined which three of our eight proposed projects were chosen to prioritize resources into during our post-launch development. This measure will be updated, transparent, and clearly defined as our project moves forward. However, we will not be coding voting into any type of decentralized autonomous organizational (DAO) structure as we believe that type of project to be historically too easily corrupted, and not likely to adapt to change.

## **II. PROOF OF STAKE AND TOKENOMICS**

Epidaurus Token (EPiD) is a fungible token that will be listed on the Polygon blockchain to minimise computing effort in transfers and trades of EPiD. Epidaurus is currently on the Polygon mainnet. This is an established blockchain, and is one of the most green and secure proof of stake chains. We are a top-tier Proof of Stake carbon-conscious project, and we hope to more closely integrate with Polygon as time goes on. We also embrace the multi-chain approach, and are planning to host our music NFT offerings on both the Cardano and Ethereum networks. We intend to expand to other networks like Tron for specific applications.

## Total EPiD Distribution



**Tokenomics.** Here are some key tokenomics of the token sales:

|                                 |                    |
|---------------------------------|--------------------|
| <b>Total supply</b>             | 8,000,000,000 EPiD |
| <b>Floor price</b>              | \$0.0008           |
| <b>Fully diluted market cap</b> | \$6,4000,000       |

The total token supply will initially be divided among the following entities:

| <b>Category</b>                       | <b>Epidaurus</b>     | <b>percent</b> |
|---------------------------------------|----------------------|----------------|
| Founder #1                            | 864,000,000          | 0.1080         |
| Founder #2                            | 704,000,000          | 0.0880         |
| Airdrops                              | 16,000,000           | 0.0020         |
| Community                             | 5,120,000,000        | 0.6400         |
| Investors                             | 192,000,000          | 0.0240         |
| Development, current<br>& future team | 336,000,000          | 0.0484         |
| Charity                               | 240,000,000          | 0.0300         |
| Advisors                              | 160,000,000          | 0.0200         |
| Contingency                           | 316,800,000          | 0.0396         |
|                                       |                      |                |
| <b>Total</b>                          | <b>8,000,000,000</b> |                |

## Fee Structure

The token contract itself will have a built-in fee structure that will apply to all core transfer events regardless of source or destination. The idea is to implement the fee mechanics in the lower level `_transfer()` function of ERC-20 standard implementation. A 0.08% fee will be applied to all the transactions in total, and will be distributed as follows:

- 0.042% will be sent to the predefined charity wallet.
- 0.019% will be burned.
- 0.019% will be sent to the rebasing wallet.



After the Epidaurus smart contract is permanently finalized in December 2022, the fee is meant to be rolling and flexible with a 3-month goal to drop to 0.1% or even 0.08%. This will be confirmed later.

## IDO and public listing (September 29th – October 2022)

On September 29th, 2022 Epidaurus will be listed on various exchanges. We will list first as an IDO, and then immediately thereafter on one or more centralized exchanges. The exchange listings will follow shortly after the IDO. In the public listing, the price of Epidaurus will be determined by exchange and there will not be any wallet restrictions.

Random supply will be airdropped to selected wallets based on their holdings of EPiD and market hype. The number of airdrops and amount within each airdrop are both undisclosed at this point.

## **12. LARGER TIMELINE AND STRATEGY**

Post-launch phase we have the following goals:

Our developer and their team will focus on refining and expanding the utility of our cryptocurrency and protocol/blockchain; developing and launching our own hot and cold (offline) wallets; enhancing and using cryptography for our team regardless of location security, and protecting our blockchain and protocols. Our EPiD will be stored in cold wallets as much as possible. We will also manage and begin the use of staking pools to some extent.

We will be pursuing NFT opportunities within our sphere, including music, a binding contract, or a family tree. These will be more practical uses for NFTs, not just the speculative or profit driven ones. We also want to be able to offer our holders the opportunity to use and create their own NFTs.

Another goal is securing partnerships with existing crypto coins and IT companies for cross-promotion, and for more universal adoption and inclusion of our products. We wish to be accepted by as many smart

institutions as possible from day one. Partner companies will be listed on our website and social media as deals are solidified. Currently we are set to announce collaborations in the US states of California, Texas, and New Jersey; as well as the countries of Belgium, the Republic of China (Taiwan,) Indonesia, Italy, Pakistan, Spain, and the United Kingdom.

We will also have ongoing improvements and expansion of our website. There will be a large emphasis on markets in southeast Asia like India, Indonesia and Pakistan; as well as the European Union, the United Kingdom, and all of the Americas. This will tie in with the diversity of our existing team and collaborators. We also aim to be involved more in Africa and have already participated as attendees of the Blockchain Africa Conference week in March 2022.



Solar project updates

Exchange listing announcements

\$0.001 price goal launching us into our next phase

Charity trustees / chair set and announced publicly

First charity initiatives and reports released

Stakeholder involvement in selection of Epidaurus projects

Eco-event space progress update

Team expansion

### Phase 3

Greater function and innovation in our coin structure with potential overhauls and redesign; stronger global partnerships

\$0.01 - \$0.08 IDO to launch price stability goal

Five active developments from within the Epidaurus ecosystem

Expansion of the in-house team focusing on development and implementation of our own blockchain

Establish firm partnerships with every sector of our outlined ecosystem

Phase  
1

Successful launch and stabilizing at \$0.001

Phase  
2

Stability at \$0.001 and growth towards \$0.01

Phase  
3

Reaching the \$0.01 to \$0.08 price range and up

These projections could happen at a much faster rate as we are using a modest projection and actual results will correlate to the overall crypto market. The movement from phase to phase is dictated by actual price stabilization, and also by our specific plans.

Our projections are based on the preceding five year cycle and all time highs of the general cryptocurrency market. Another consideration is the next Bitcoin halving, estimated to take place in 2024. These factors, and

their knock-on effects for smaller projects are the basis for our project benchmarks. We expect our efforts and development to lead to us achieving Phase Three within one to three years.

### **13. SUMMARY**

Epidaurus Coin aims to combine our expertise in green and sustainable ventures with the growth and technological resilience inherent to the blockchain. We have a strong understanding of the problems that have plagued other coins, and are aiming to avoid those pitfalls. Our focus on sustainability has led us to a proof-of-stake blockchain, which will enable us to reduce our energy impact and lessen our total project energy costs. We are not launching in a vacuum - we have identified a niche opening in the digital currency ecosystem. We hope to use the technology in order to solve real world problems, as well as enable new solutions.

Epidaurus is dedicated to carbon consciousness, green sustainability, and an increasing use of solar and other renewable energy. Our coin is paired with a charitable foundation, called the "Earth 2088 Foundation." The Foundation will have a focus on three interlocked social ventures. These will include sustainable water supplies and sanitation for the planet, combating climate change, and addressing human rights, especially for people who are at risk due to the first two interconnected causes.

One of our first main projects will include off-grid events based on our pilot space Terratro. Terratro will host live events with a focus on health and well-being, following our Epidaurus philosophy. This ethos will also be seen in our focus on sustainable investments and projects, from locally grown products to community education. The in-progress development projects concern solar and renewable energy, user NFTs for music and arts, and real world smart contracts. We are actively building global partnerships with groups that share our vision and sustainable goals.

Our team embodies our ethos of openness and global participation. We have members from all over the world, and various different cultures. Our collaboration on this project will enable others to work globally, while

still keeping an emphasis on local concerns. We have a clear roadmap for our project, and clear goals for each step. As our project grows and matures, we feel it is important to continue to seek input from the digital community as well as our stakeholders. We feel that we can and will make a difference in combating climate change and enhancing education to create a more sustainable future. We are excited by the possibilities that our new coin has for both growth and our green sustainability goals. We'd like to invite you to join us on the adventure!

## 14. APPENDIX OF TERMS

**Central bank digital currency:** Digital tokens issued by a central bank. Since these tokens are pegged to the value of that country's fiat currency, they have a high degree of centralization.

**Decentralized autonomous organization:** A set of rules established within a blockchain by a publicly accessible algorithm. In this type of organization its members are the only actors who have the decision-making power.

**Decentralized finance:** A system of financial technology based on top of decentralized and open source blockchains. This system is global and works on a peer to peer logic. As a result, there is an absence of intermediators such as central authorities and financial institutions in this system.

**Metaverse:** Although there is still no consensus regarding a clear definition of the metaverse, it can be considered as an immersive digital reality that is facilitated by the use of elements of social media, augmented reality, virtual reality, and cryptocurrencies, allowing users to interact virtually.

**Non-fungible token:** mostly known as NFT, is an immutable and unique digital asset that is impossible to be traded or exchanged at equivalency. These blockchain tokens distinguish themselves from each other through their unique identification codes and metadata.

**Proof of work:** a consensus mechanism that was used for the first time by bitcoin and is widely used for cryptocurrency mining. The reason behind its name comes from the fact that the miners need to use a considerable amount of processing power to solve a math calculation to update the blockchain. When this happens, the latest transactions that occurred on the blockchain are verified and the winner is awarded with a predetermined amount of coin.

**Proof of stake:** a consensus mechanism created for solving some limitations of the proof of work such as scalability and power consumption. It is used by some popular cryptocurrencies such as Cardano, Ethereum and Tezos. This mechanism has the cryptocurrency owners validating block transactions based on the number of coins a validator stakes.

**Satoshi:** is the pseudonym used by the author of the Bitcoin Whitepaper. Their true identity is still not known at the date of publication of this whitepaper. A Satoshi also is the smallest unit of a Bitcoin, valued at 0.00000001 BTC.

## 15. REFERENCES

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