GPD

Green Power Coin (GPC)

A transition to clean energy
is about making an investment
in our future

Whitepaper
2023

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Executive Summary

The world's energy consumption over the last half century has grown exponentially.

THE NEED FOR GREATER ENERGY BROUGHT GROUNDBREAKING INNOVATIONS, ONE OF WHICH IS BLOCKCHAIN TECHNOLOGY.

However, these innovations came at a high cost, as the vast energy needed to support blockchain technology comes from fossil fuels which have detrimental effects on the environment and the communities people live in.

There are now over 20,000 cryptocurrencies in existence, with Bitcoin alone consuming energy equal to the entire country of Argentina.

Although in the last few years, a transition to clean and renewable energy sources is taking place, at present, they only account for 15% of the total energy consumption in Thailand.

To accelerate the industry's adoption of clean and renewable energy sources, Green Power Digital Co., Ltd. was established. The company is authorized as the sole distributor of clean energy produced by our partners' vast infrastructure of clean energy producing plants across Thailand.

To further offset carbon emissions and achieve its mission of advancing the country's transition into renewable energy sources by becoming a leading clean energy total solution provider, GPC has a development roadmap that will further increase green energy availability in the near future.

To achieve its ambitious goals, Green Power Digital Co., Ltd. is issuing and distributing the Green Power Coin (GPC) token to help speed up the adoption of renewable energy sources in blockchain applications and decelerate the effects of climate change.

Green Power Digital Co., Ltd. will utilize the energy produced from our partners' biomass energy production plant, with an output of 9.9MW. GPC token holders can purchase clean electricity from the plant to power their blockchain mining jobs and offset any potential carbon emissions.

With an initial supply of 200 million tokens, the GPC token allows holders to purchase 1kWh of clean energy per token to power up crypto mining machines.

Green Power Coin(GPC) Token Disclaimer

GPC is a ready-to-use utility token that can be used to redeem goods and services. GPC has notified users of the redeemable goods and services since the release of tokens so they can use them.

Any changes to the Terms and Conditions will be notified in advance through the company's publicity channels before it takes effect.

The risk is borne by token holders who must comply with the action plan and regulatory changes that may occur at any time within a reasonable timeframe.

The token holders also bear the risk of using the redeemed goods or services that arise.

The purchase of GPC Utility Token is not the purchase of ordinary securities or financial investment assets, such as stocks, and does not grant the right to be a shareholder or have administrative power.

Instead, the purchase of digital tokens allows users to automatically receive Green Power Digital's services and products through the blockchain upon redemption in accordance with the redemption process.

Green Power Coin Co., Ltd. is not a person who advises on investment, legal assistance, or any securities investment application.

This document shall not be interpreted as an offer to purchase securities or as any guarantee of profit from investing in securities or other assets.

It's important to note that there is a risk involved in using utility tokens to redeem goods or services. Holders of utility tokens bear responsibility for any risks associated with the redeemed goods or services, which may go beyond the volatility of the cryptocurrency market.

It is advisable to exercise caution and conduct research before redeeming utility tokens for goods or services. The issuer of the utility token is not liable for any damages or losses resulting from the use of redeemed goods or services.

About
Green Power Digital Co., Ltd.

Green Power Digital Co., Ltd. was incorporated to focus on the vision for a future where clean, renewable energy is accessible, abundant, and affordable.

The company aims to enable the future generation of blockchain technologies while minimizing their impact on the environment.

In partnership with one of the country's leading green energy producers, Green Power Digital is issuing and distributing GPC, a blockchain-powered token.

GPC tokens can then be exchanged to rent rack space and power blockchain mining rigs using clean and renewable energy.

Throughout the last century, the world has adopted a broad range of renewable energy sources.

" **Oil, gas, and then hydropower were some of the first to be used. However, it was not until the 1960s that nuclear energy was added to the mix.** "

Solar and wind were only added much later in the 1980s. Together, these 'modern renewables' provide a more sustainable way of powering our planet.
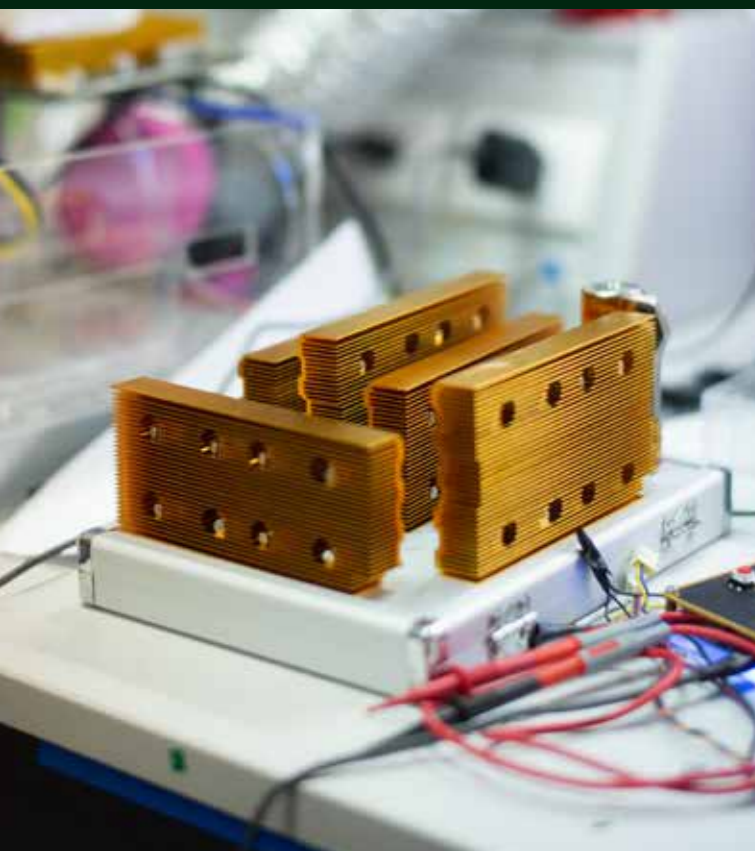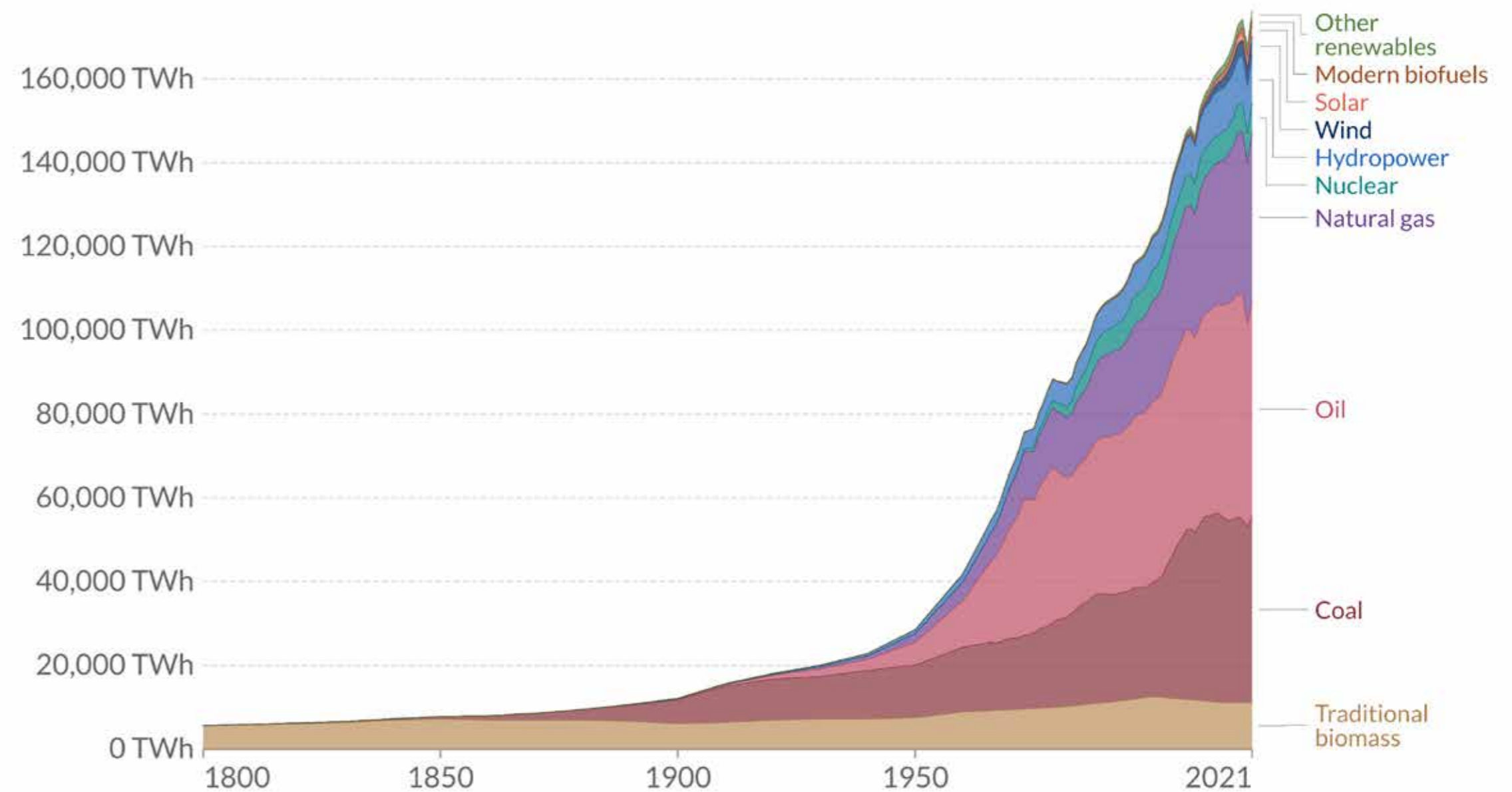
The history of energy use is marked by slow transitions between energy sources. It can take decades or even a century for a particular energy source to become dominant.

This suggests that we need to be careful when making decisions about which type of energy to use in the future.

Global primary energy consumption by source

Primary energy is calculated based on the 'substitution method' which takes account of the inefficiencies in fossil fuel production by converting non-fossil energy into the energy inputs required if they had the same conversion losses as fossil fuels.

Our World in Data

- Other renewables
- Modern biofuels
- Solar
- Wind
- Hydropower
- Nuclear
- Natural gas
- Oil
- Coal
- Traditional biomass

160,000 TWh
140,000 TWh
120,000 TWh
100,000 TWh
80,000 TWh
60,000 TWh
40,000 TWh
20,000 TWh
0 TWh

1800   1850   1900   1950   2021

Source: Our World in Data based on Vaclav Smil (2017) and BP Statistical Review of World Energy

OurWorldInData.org/energy • CC BY

Global warming is already causing devastating physical and socioeconomic impacts,
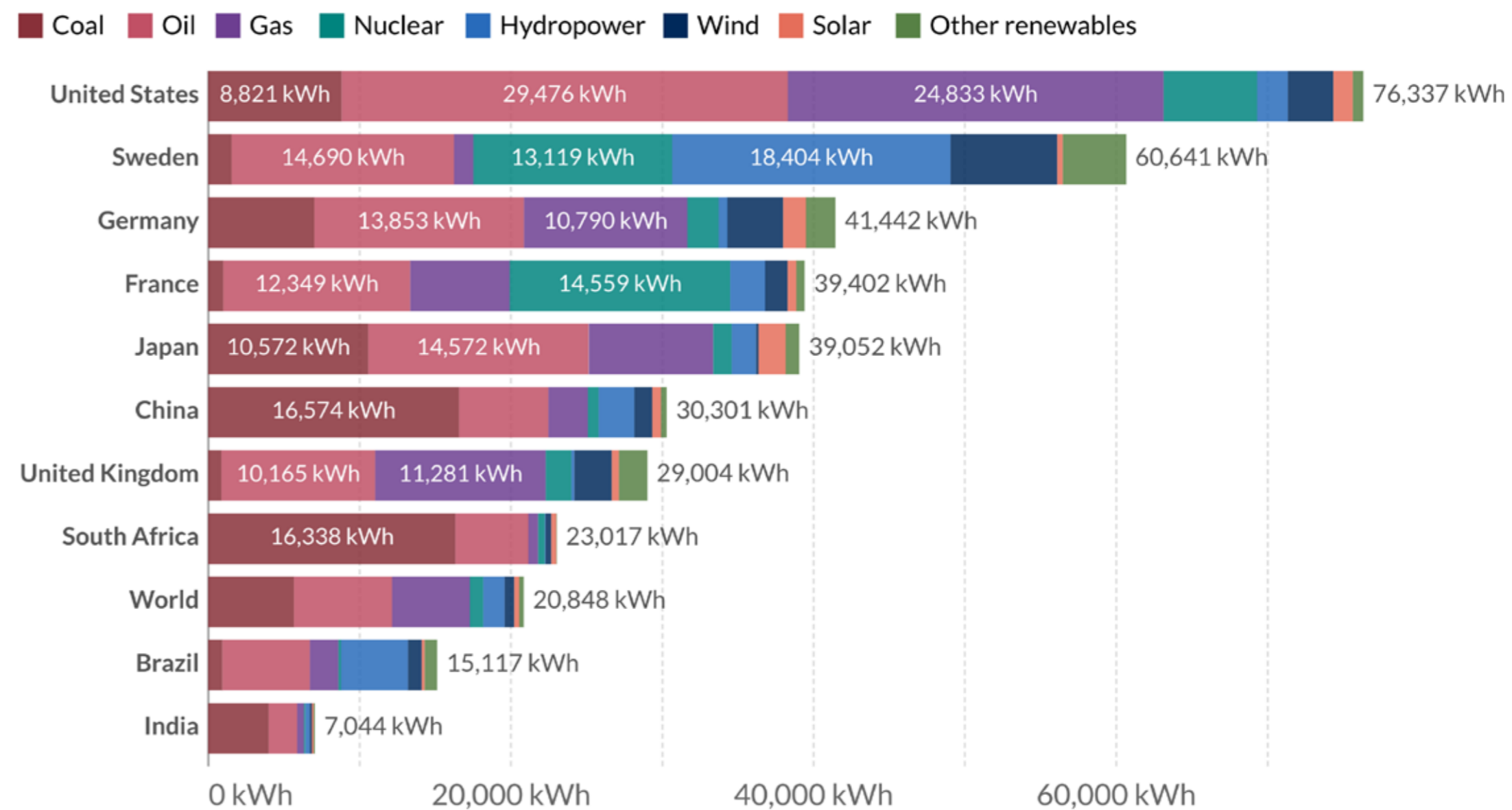
according to a new multi-agency report coordinated by the World Meteorological Organization (WMO).

Unless we take much more ambitious action, these problems will exacerbate over time.

Per capita primary energy consumption by source, 2021

Primary energy is calculated based on the 'substitution method' which takes account of the inefficiencies in fossil fuel production by converting non-fossil energy into the energy inputs required if they had the same conversion losses as fossil fuels.

Legend: Coal | Oil | Gas | Nuclear | Hydropower | Wind | Solar | Other renewables

Country	Values	Total
United States	8,821 kWh / 29,476 kWh / 24,833 kWh	76,337 kWh
Sweden	14,690 kWh / 13,119 kWh / 18,404 kWh	60,641 kWh
Germany	13,853 kWh / 10,790 kWh	41,442 kWh
France	12,349 kWh / 14,559 kWh	39,402 kWh
Japan	10,572 kWh / 14,572 kWh	39,052 kWh
China	16,574 kWh	30,301 kWh
United Kingdom	10,165 kWh / 11,281 kWh	29,004 kWh
South Africa	16,338 kWh	23,017 kWh
World		20,848 kWh
Brazil		15,117 kWh
India		7,044 kWh

X-axis: 0 kWh — 20,000 kWh — 40,000 kWh — 60,000 kWh

Source: Our World in Data based on BP Statistical Review of World Energy

OurWorldInData.org/energy-mix • CC BY

Our World in Data

Over the course of the past few years, it's become clear that temperatures are increasing at an alarming rate.

The Earth's temperature is expected to continue to rise, reaching levels not seen in many centuries.
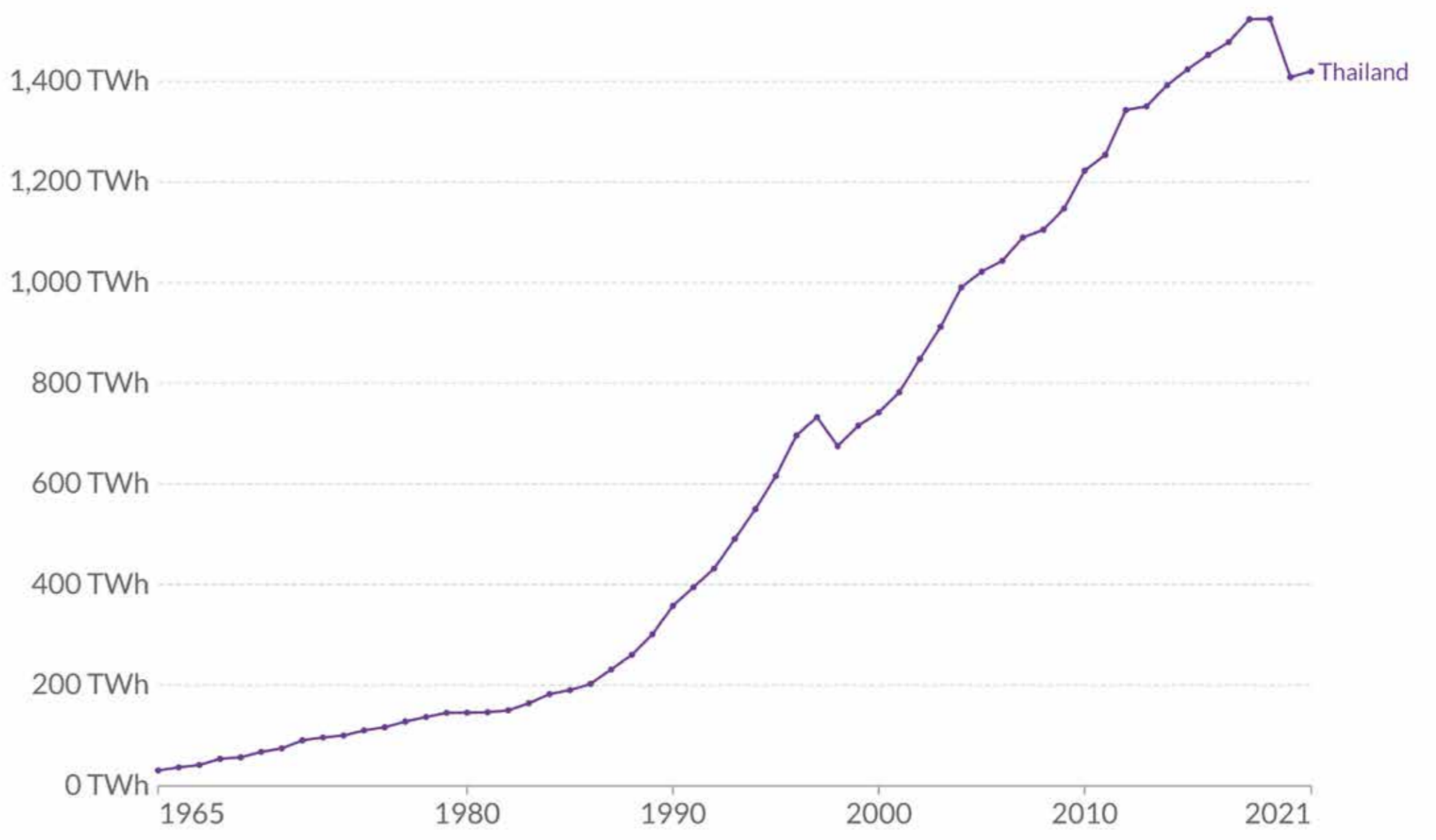
There are over 4.2 billion people who live in cities and these cities produce up to 70% of all the gas emissions we create which leads to an even more vulnerable immediate & long-term situation when it comes to climate change and extreme heat, among other key risks.

Primary energy consumption

Primary energy[1] consumption is measured in terawatt-hours (TWh).

Source: BP Statistical Review of World Energy; and EIA

OurWorldInData.org/energy • CC BY

Note: Data includes only commercially-traded fuels (coal, oil, gas), nuclear and modern renewables. It does not include traditional biomass.

1. Primary energy: Primary energy is the energy as it is available as resources – such as the fuels that are burnt in power plants – before it has been transformed. This relates to the coal before it has been burned, the uranium, or the barrels of oil. Primary energy includes energy that is needed by the end user, plus inefficiencies and energy that is lost when raw resources are transformed into a useable form. You can read more on the different ways of measuring energy in our article.

Mission

— MISSION

" **For over a century, we depended on fossil fuels for most of our energy supply, and this has had a significant negative impact on the environment on a global scale.** "

Blockchain technologies are innovative and power our future.
However, they demand exponential amounts of energy to operate and expand.

That's why we need to find more renewable and cleaner sources of energy.
We shouldn't be paying a price for the environment when there are so many ways that we can do better - like using solar, wind, hydropower, and biomass.

With these options, we can generate energy that does not pollute the air or eradicate habitats for humans and wildlife. We can also diversify our energy sources to mitigate global geopolitical instabilities. From a small household to a school or factory, everyone has their own way of producing electricity.

By continuously innovating and investing in this area, the company aims to maximize all stakeholder benefits and grow sustainably in this industry.

With this in mind,
Green Power Digital's mission is to:

Empower the country's advancement and accelerate blockchain technology innovations without detrimental effects on the environment.

Vision

**Green Power Digital Co,. Ltd.
is committed to taking the bold
actions needed to advance clean
energy solutions,**

prevent a climate hostile
to human life and provide the tools
and energy required to accelerate
innovations for a prosperous society.

Project Background & Rationale

Globally, energy demand and consumption have been steadily increasing for almost 50 years, with three–quarters of global greenhouse gas emissions coming from the burning of fossil fuels for energy.

To reduce global emissions, it is crucial to shift our energy systems away from fossil fuels to low-carbon sources of energy and "decarbonize" our energy systems.

Why Launch in Thailand First?

Thailand's energy consumption over the past 50 years has steadily increased, the country still lacks behind when it comes to investments in renewable energy sources.

The majority of energy needs are still covered by fossil fuels, with only a small fraction coming from renewable sources.

Before expanding to other countries, it is essential to focus on the local market in Thailand first. This is because Thailand presents unique challenges and opportunities that require a deep understanding of the local market. For instance, Thailand's energy landscape is still dominated by fossil fuels, like natural gas, with investment in renewable energy sources still being limited.

Therefore, there is a significant opportunity to introduce and promote sustainable energy solutions in the country.

Additionally, understanding the local culture, customs, and regulations is critical to successfully operating in the Thai market.

With Thailand leading the world in the proportion of internet users owning cryptocurrencies (20.1% of Thais aged 16-64), energy consumption from blockchain technologies is expected to further increase.

Focusing on the local market first allows for the development of a strong foundation and a deep understanding of the challenges and opportunities in the country. This knowledge can then be leveraged to expand to other countries successfully.

The Green Power Coin Token & Benefits

To help speed up the adoption of renewable energy sources and decelerate the effects of climate change,Green Power Digital is launching the GPC utility token, enabling token holders to be part of this ambitious project.

Green Power Digital is utilizing state-of-the-art clean energy production facilities that transform biomass waste into electricity. The process works by burning eucalyptus bark and mixed wood, which creates energy in the form of heat and steam, which then powers a turbine which generates electricity. The maximum output is 9.9MW.
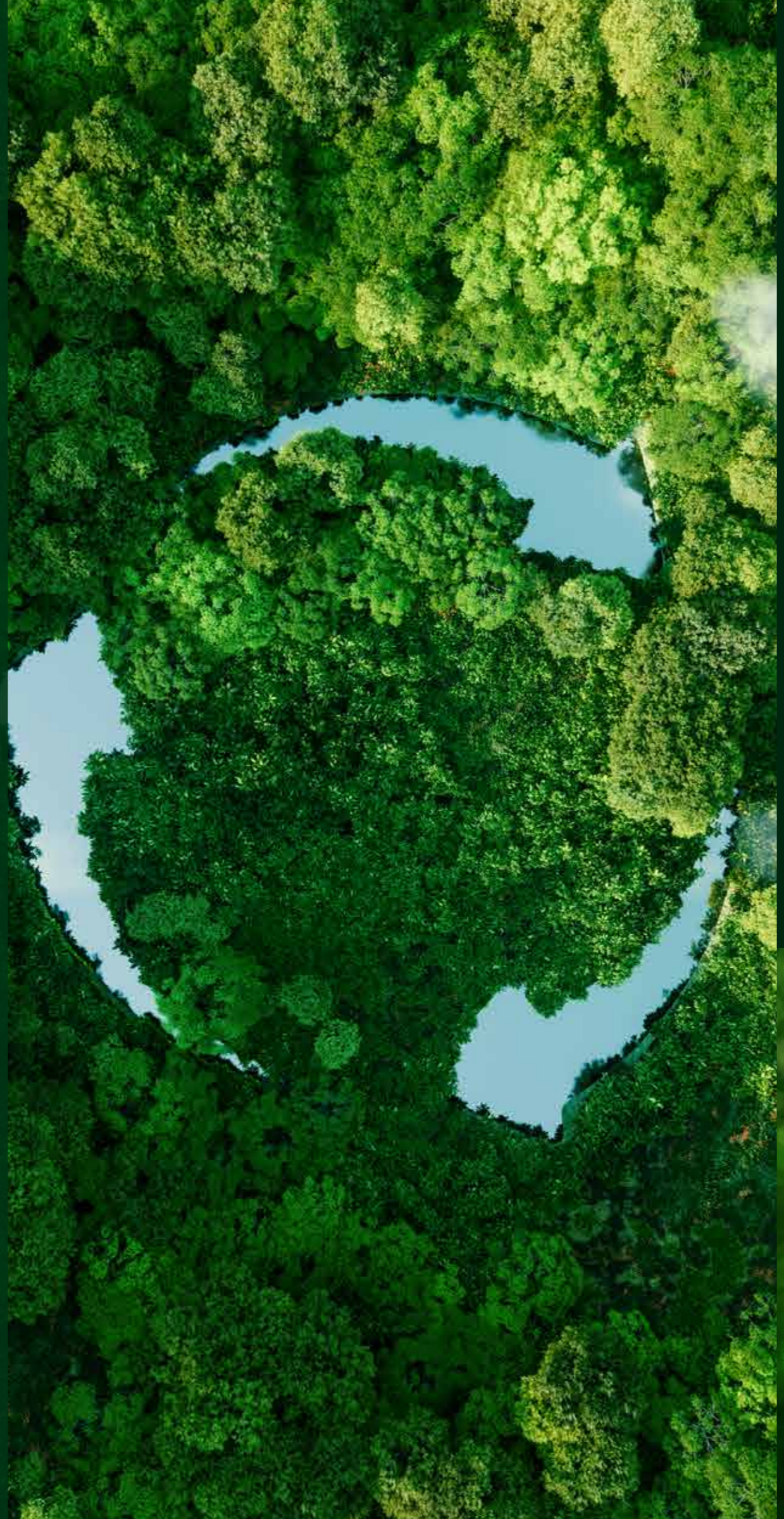
The clean energy generated by the facility will be utilized in powering the Green Power Coin, which is dedicated to emerging technologies and generating crypto assets sustainably.

Crypto-assets have been known to consume a lot of electricity, sometimes resulting in increased gas emissions and other disruptions in the immediate surrounding communities.

The cost of innovation

Bitcoin is estimated to account for 60% to 77% of total global crypto-asset electricity usage and is currently the world's largest and most popular cryptocurrency consuming an estimated 150 terawatts of electricity annually—more than the entire country of Argentina or Australia.

Although the benefits of these emerging technologies are countless, it cannot be denied that they come at a heavy cost to the environment.

Decentralized technologies, however, are on a constant rise, with demand for blockchain applications constantly increasing.

Inevitably, more energy and resources will be needed to pave the way and accelerate the development of new innovations that will benefit humanity in the long run.
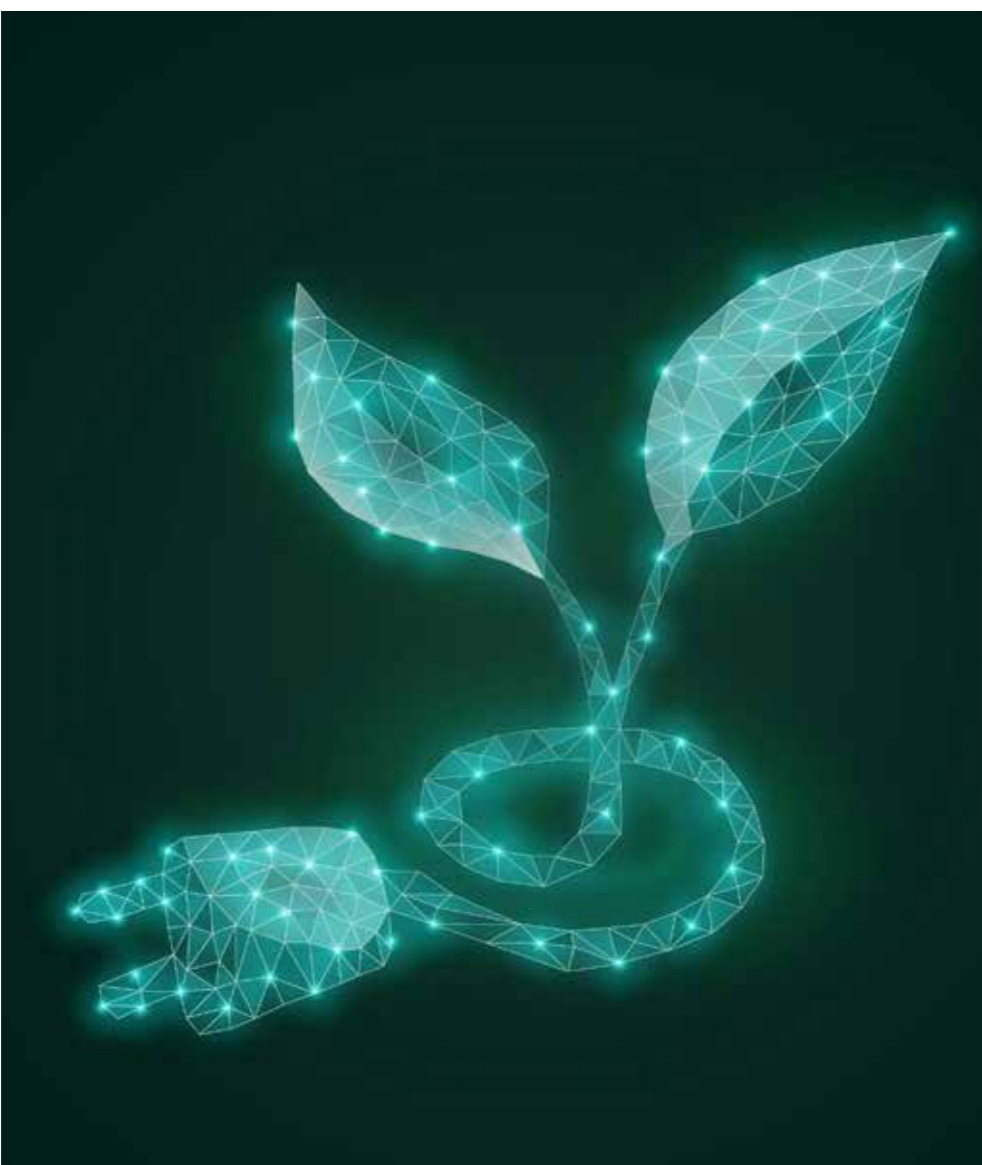
The short–term cost, however, is too much to bear and alternative energy sources are needed to balance and even eliminate the negative aspects of crypto asset mining.

Green Power Digital created the GPC token to help provide the vast energy resources needed for crypto asset mining utilizing carbon-neutral energy sources.

The GPC token enables holders to purchase clean energy for powering the crypto asset mining machines using clean and sustainable energy sources.

Why use a token?

Utility tokens are a secure way of storing, transferring, and trading data on the blockchain.
They have the potential to change how we use the internet.

The GPC Token acts as a digital voucher that can be used to rent rack space and buy electricity generated by green energy on the blockchain.

Tokenomics and Redemption

Tokenomics

GPC is an ERC-20 type token under the GPC symbol. GPC Token is now available for purchase with an issued amount of 200,000,000. The initial sales value of 1 (one) token is offered at 4.2 Thai baht per 1 token.

Product List	Total Value (THB)	Volume (unit)	Value (THB)	Token Quantity
Crypto Asset Mining Rack / Day	11,037,600	300	100.8	24
Electricity (1 kWh)	36,792,000	1,000	4.2	1

* The company reserves the right to amend the conditions of redemption within 15 days via the official website, www.thegreenpowercoin.com

Token Information

Token name : Green Power Coin

Symbol : GPC

Initial supply : 200,000,000 Coin

Token
Distribution

Public Sale: 80% (160m GPC)

Marketing 10% (20m GPC)

Pre Sale: 5% (10m GPC)

Team: 4% (8m GPC)

Charity: 1% (2m GPC)

Total 200m GPC

Pre Sale: 5% (10m GPC)

Team: 4% (8m GPC)

Marketing 10% (20m GPC)

Public Sale: 80% (160m GPC)

Charity: 1% (2m GPC)
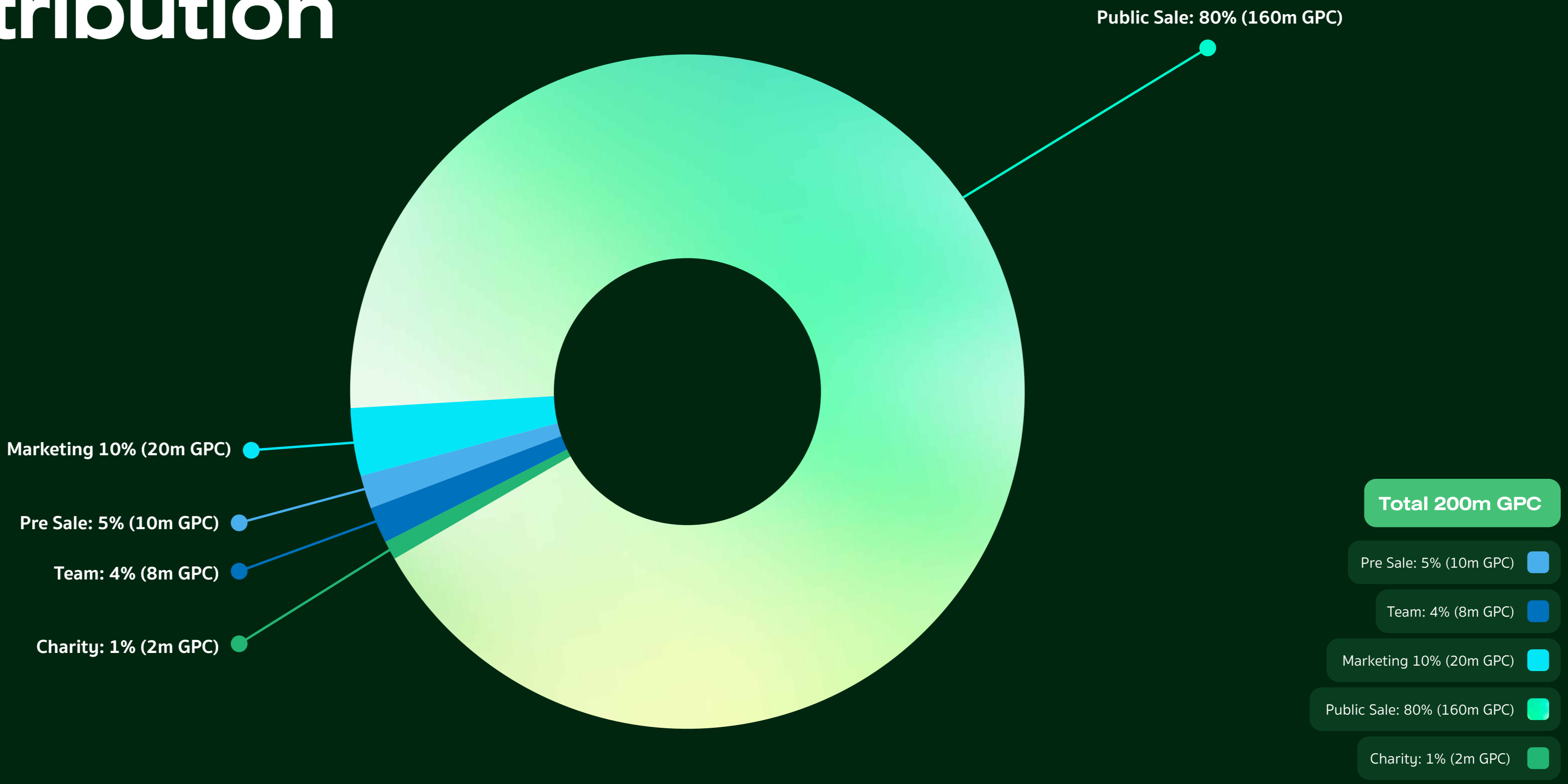
Token
Purchase
Process
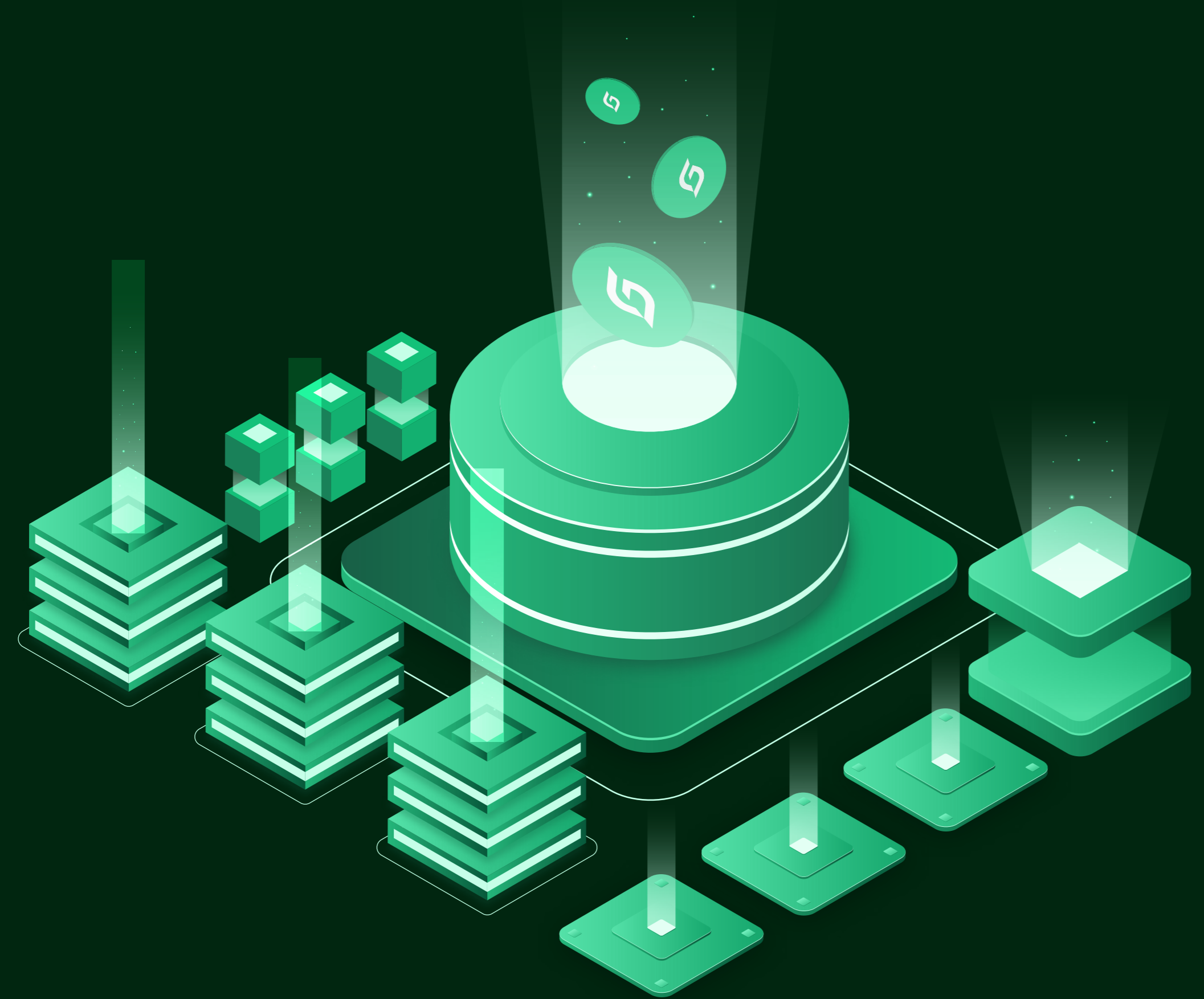
1 To purchase the token, the customer should first register on the pre-sale website, at www.thegreenpowercoin.com

2 The buyer confirms the payment.

3 Following a review of the transaction, the token will be transferred to the user.

Redemption Flow

GPC
Token Redemption
Process

1 GPC Token is now accessible in the primary market. For more information, please visit www.thegreenpowercoin.com

2 The token will be transferred for redemption.

3 The staff will send a confirmation to the buyer within 3-4 working days.

4 The customer will be able to redeem GPC token immediately upon receipt.

The customer will be able to redeem **GPC token** immediately upon receipt.

| Customer | → | Pre-Sales Website | → | Customer Web Sign-Up | → | E-KYC | → | Token Amount Confirmation |

| QR Code Scan | Transfer Token Quantity | Email Confirmation | Review all Transactions | Token Holder (GPC token) |

| Redemption of Goods & Services | GPC Token Issuer | Exchange for Goods & Services | Token Holder |
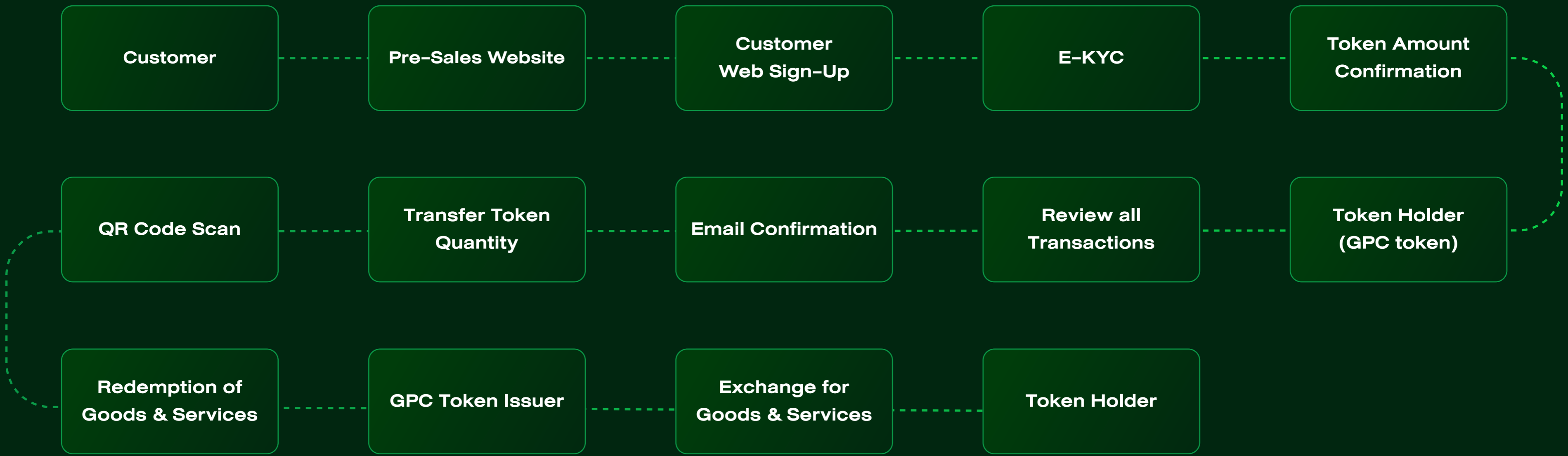
Technical Information

The GPC token is built as an Ethereum–based token following the ERC–20 protocol, making it compatible with all Ethereum wallets that accept ERC–20 tokens.

All transactions operate according to the rules of the smart contract on the Ethereum blockchain, which is the most famous blockchain network. Because of this smart contract, transactions eliminate human error and the system operates only as programmed.

Ethereum is a foundation technology that can create and destroy digital token represented meta-data embedded in ethereum blockchain; in this case, product and service pegged digital tokens track and report the circulation of (GPC) via https://etherscan.io/ enable user to transact and store GPC in a p2p, cryptographically secure environment.

The benefits of building on Ethereum & ERC-20 include:

1

The security and availability guarantees of one of the largest global blockchain networks (Ethereum).

2

A simple and familiar smart-contract pattern;

3

Publicly verifiable token supply, account balances, and on-chain procedures;

4

Ability to integrate with other smart contract applications like distributed exchanges, distributed apps, and swap contracts;

5

Broad adoption by crypto stakeholders such as exchanges, crypto asset organizations, and retail users;

6

Reduced dependency on any single authority due to decentralization; and

7

Access to a broad market that includes all individuals with an internet connection.

Timeline and Roadmap

Presale: Q2 2023 (10M Token)	Operation Distribution: Q2 2023 (30M Token)	Sale: 2024 (160M Token)	

Timeline

2023	2023	2024	2025

GPC Token Future Expansion Plan

| Expanding with an additional 10 MW and 3,000 rack space by 2023. | Partnership deals with many of Thailand's largest crypto mining businesses within 2023. | Expecting to incorporate additional assets including Carbon Credits, RDF, Mining Machines, and Bitcoin within 2024. | Become a platform to accelerate the adoption of cryptocurrency mining through green energy sources by 2025. |

Working Team

Wasinpat Sripitak

Position

Chief Executive Officer (CEO)

Education

Major of Automotive Design and Manufacture Engineering
Chulalongkorn University ,International School of Engineering

Graduated with Honors, GPA 3.96
International Community School Bangkok, Thailand

Experience

June 2021 - Present
Senior Associate Forecast Planning & Analysis, Business Intelligence
Shopee Thailand

July 2020 - Present
Founder and CEO
Taibaan Kruathai Online Restaurant

Working Team

Santita Kasemthongsri

Position

Chief Marketing Officer (CMO)

Education

Master's in Costume Design for Performance
University of the Arts London (UK)

Behind the Scenes: A Filmmaking Workshop
Central Saint Martins (UK)

Bachelor's in Fashion Styling and Fishion Coordination
Bunka Gakuen University (Japan)

Bunka's 1 Year Study Abroad Program
Fashion Institute of Technology (USA)

Experience

2015
Hand-Finishing Assistance Markovski, Bespoke Tailor (UK)

2009
Production World Fashion TV Co. (Thailand)

2006
Hotel Management Trainee Grand Hyatt Erawan (Thailand)

Working Team

Project Advisor

Prof. James Pang Yan

Position

Project Advisor

Education

Massachusetts Institute of Technology - Doctor of Philosophy (PhD), System Engineering

National University of Singapore - Doctor of Philosophy (PhD), System Engineering

Zhejiang University - Master of Engineering (M.Eng.), Manufacturing Systems

Zhejiang University - Bachelor of Engineering (B.Eng.), Mechanical Engineering

Experience

National University of Singapore
Feb 2017 - Present   Co-Director, Master of Science in Business Analytics (MSBA)
Feb 2017 - Present   Co-Director, NUS Business Analytics Centre
May 2017 - Present   Associate Professor, Department of Analytics and Operations, NUS Business School 4
Jun 2014 - Apr 2017   Visiting Professorship

IBM, Singapore
Mar 2013 - Apr 2017   Client Technical Advisor (Chief Architect), Analytics and Optimization

IBM, Shanghai China
Jun 2011 - Feb 2013   Senior Manager and Lead Architect (Analytics and Optimization)
Apr 2009 - May 2011   Advisory Solution Architect

Motorola, Singapore
Feb 2007 - Mar 2009   Scientist (Supply Chain Management)

Engineer Micron Technology, Singapore
Apr 2006 - Feb 2007   Staff Research

Project Consultant

Pakorn Supawarapong

Position:

Public Relation Consultant

Education:

Communication Arts, Public Relations
Assumption University

Class of 154
Bangkok Cristian Collage

Experience

CEO Elite Digital Group Co., Ltd.

Head of Business Development The Platform Co., Ltd.

Strategic Director Mumuso (Thailand) Co,. Ltd.

Director Wasupa Co., Ltd.

Sourcing Manager/Strategic Director
Sourcing Manager/Strategic Director - Simply Good Co., Ltd.

General Manager Pacific Cosmetic Co., Ltd.

Certificates:

- Super Brand Manager
  Marketing Assiciation of Thailand - 2020
- Data Governance for Digital
  Transformation
  Datatalent Mahidol University

Q&A (1/2)

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1 **What is the GPC and what chain is it on?**

GPC is a ready-to-use utility token exchangeable for crypto asset mining rack space powered by affordable, green renewable energy. It is equivalent to purchasing a voucher in advance on the blockchain, which can be exchanged. This token was created on the Ethereum Smart Chain.

2 **What is the supply of GPC ?**

GPC will distribute 200,000,000 tokens

3 **What wallet types are supported?**

GPC supports any ERC-20 compatible wallet

4 **What is the value of GPC?**

a. 1 token equals 1kWh
b. 24 tokens can be exchanged to rent a rack for one day
c. More information will be provided in the near future

5 **How and where can GPC be purchased?**

The GPC Token is available through our website www.thegreenpowercoin.com and is not available anywhere else. Payment is processed through bank transfer, Prompay, or QR code.

Q&A (2/2)

6 **Can GPC be used immediately upon purchase?**

Yes, the token can be redeemed immediately after purchase.

7 **Is there any minimum purchase amount required per transaction?**

Yes, the minimum amount required per transaction is 10,000 GPC tokens

8 **Is the token exchangeable between token holders/users?**

Yes, as long as the wallet is compatible with the ERC-20 chain.

Contact
Channels

🌐 **Website :** www.thegreenpowercoin.com

Social Media Channels

✈ **Telegram :** thegreenpowercoin

🐦 **Twitter :** thegreenpowercoin

f **Facebook :** thegreenpowercoin

With this in mind,

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THANKYOU
FOR WATCHING