SAI | Nasdaq Listed

SAITIME 2023

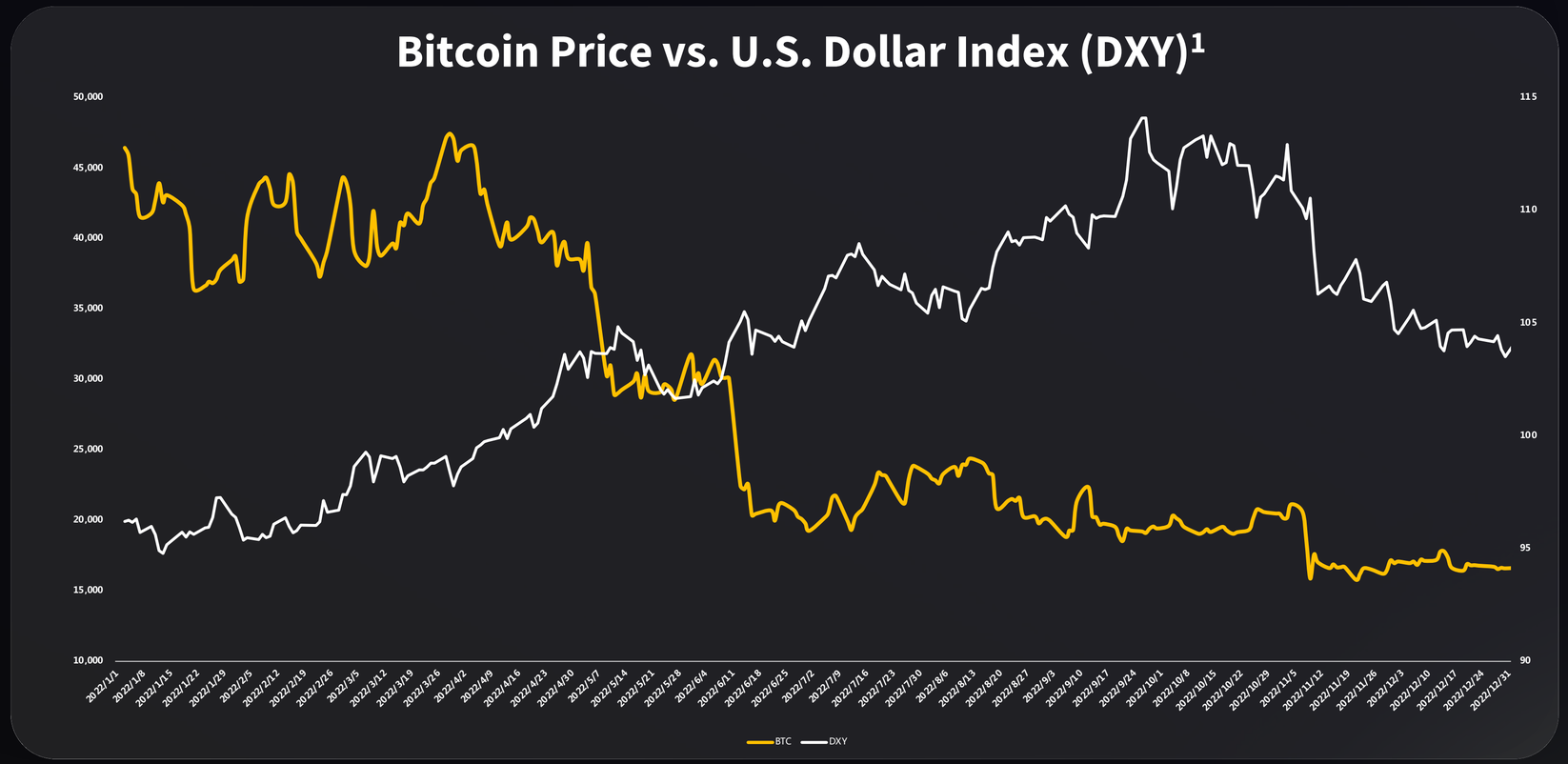
March 2023

Chapter 1

ENERGISM

Part A 2022 Market Review

Bitcoin vs. U.S Dollar



Decade of 2030

Bitcoin User

Over 1 billion[2]

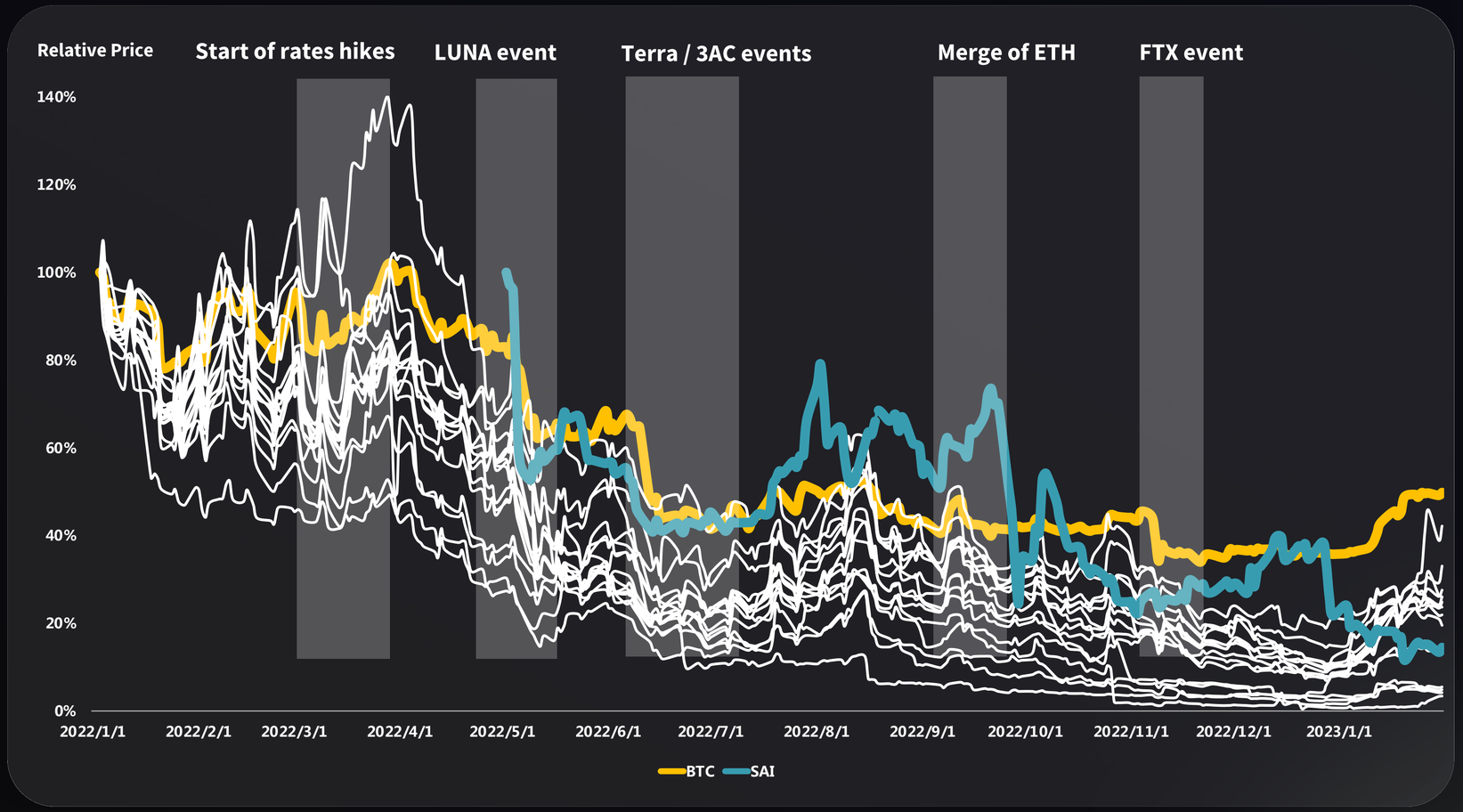
Bitcoin Price

Over $1 million[3]

Reference：

1. Yahoo Finance (BTC-USD); Investing.com (DXY)
2. BCG, Bitget, Foresight Ventures
3. ARK Invest

Public Bitcoin Miners



Bitcoin **bear** market in 2022

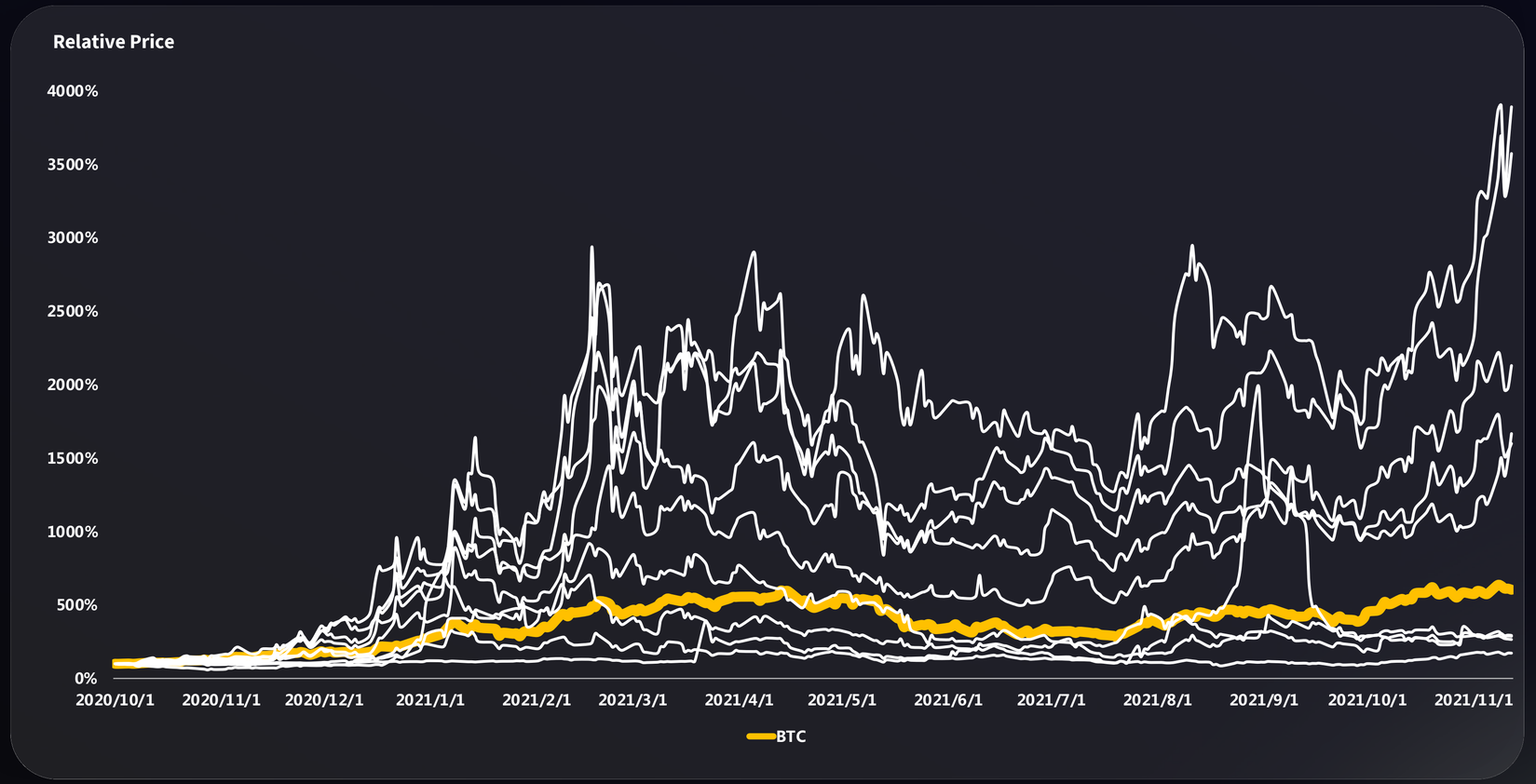
Bitcoin price:
down ~ 65%

Stock performance:
down ~ 90% (on average)

BTC vs. Miner Stock:
Positive Correlation, β>1

Reference：Yahoo Finance, BTC-USD, SAI, CORZ, RIOT, MARA, HIVE, BITF, HUT, CLSK, ARBK, GREE, BTBT, DGHI, SDIG, IREN, BTCM, CIFR

Public Bitcoin Miners



Reference：Yahoo Finance, BTC-USD, RIOT, MARA, HIVE, BITF, HUT, CLSK, GREE, BTBT, BTCM

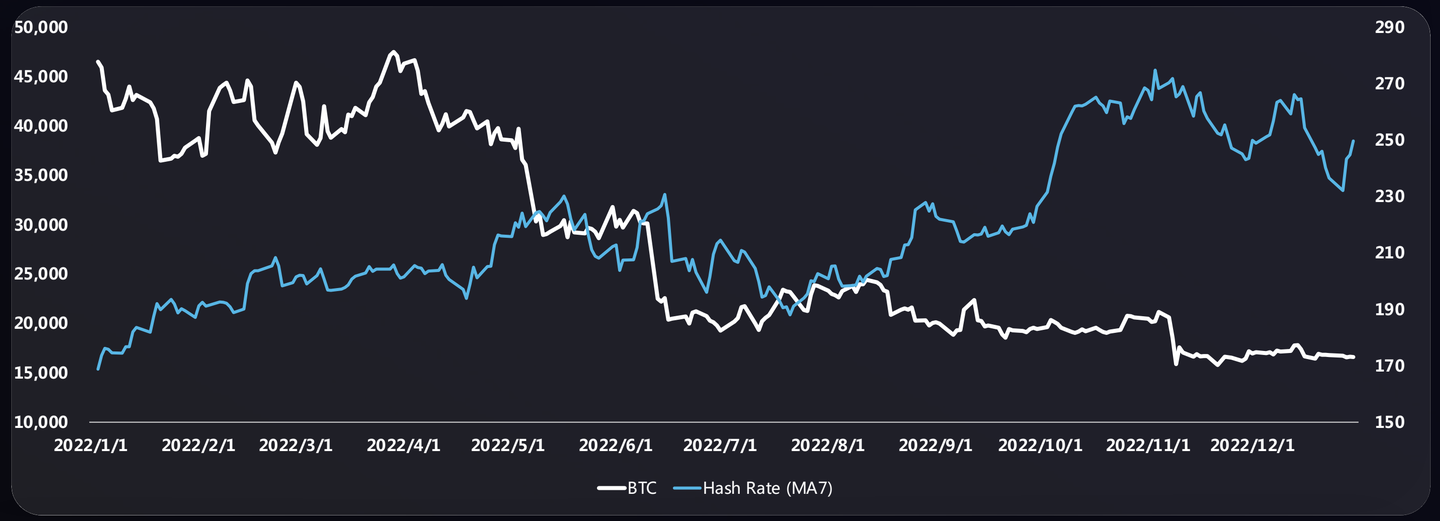
Bitcoin bull market in 2020-2021

Bitcoin price:
up ~ 500%

Stock performance:
up ~ 1400% (on average)

BTC vs. Miner Stock:
Positive Correlation, β>1

Bitcoin Price vs. Hash Rate



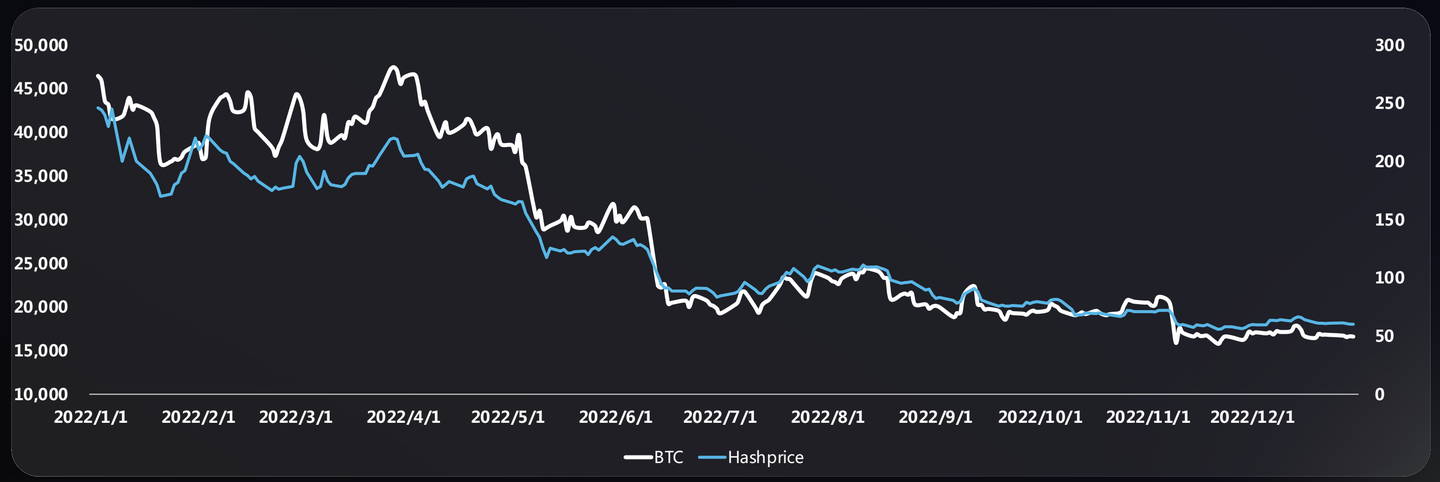
BTC vs. Hash Rate (EH/s)[1]

Bitcoin price:

down ~ 65%

Hash Rate :

up ~ 47%



BTC vs. Hash Price ($/PHs/Day)[1]

~$60/PHs/day

Mining Revenue[2]

Model: **BITMAIN S19 XP**
Energy Efficiency: **21.5 J/TH**
Daily Profit: **~$3.54 (assuming $80/MWh)**
Months to ROI: **21 months**

Reference: 1. Hashrate Index https://data.hashrateindex.com/network-data/btc; 2. Calculated based on CAPEX of $16/TH, electricity rate of $80/MWh

Part B

2022 SAI.TECH Review

Public Listing on NASDAQ

Cloud Computing

BTC / HPC / AI

with

Chip Heating

ASIC / GPU / CPU

SAI NODE OHIO

Global Heating Usage

50% *of end energy consumed for heating*

40% *of global CO_2 emission contributed*

Global Power Usage

63% *powered by fossil fuel*

41% *energy-related CO_2 emission*

Heated by Computing is the Future

First Bitcoin Heat Day

Liquid Cooling

Will Supersede Air Cooling

Satoshi Nakamoto:

“Bitcoin generation should end up where it's cheapest. Maybe that will be in cold climates where there's electric heat, where it would be essentially free.”

Part C SAI.TECH Fundamentals

Build Better Biverse

100yrs ago

Pipeline
Petrol - Auto
Atom Move

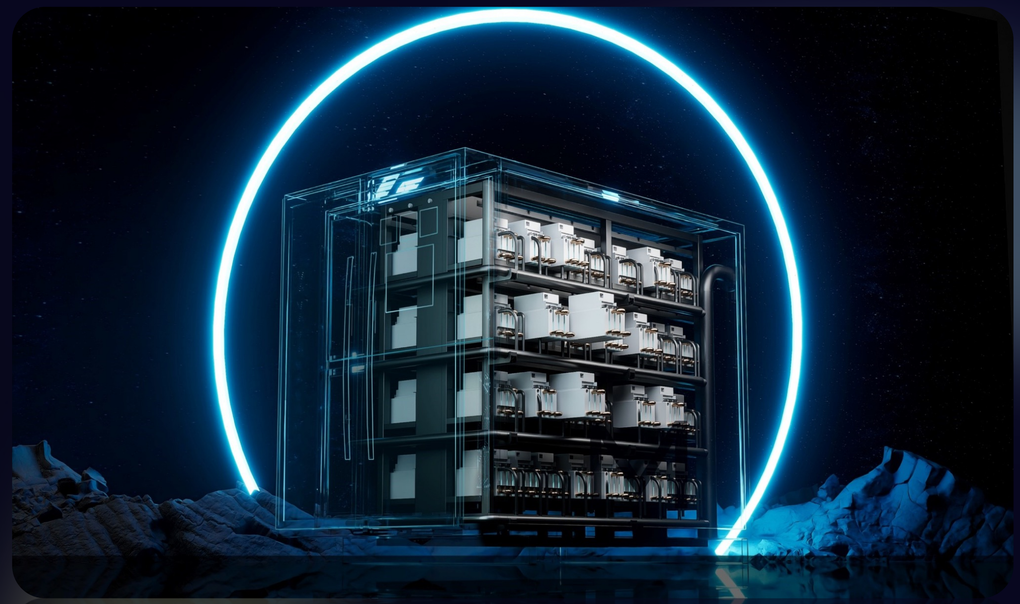
30yrs ago

CPU
Elec – Compute
Electron Move

10yrs ago

Battery
Elec – Auto
Clean Atom Move

Now & Future



CHIP & SHIP
Electricity - Computing - Heating
Sustainable Atomic Interaction

SAI.TECH Principle, ENERGISM

The Thermodynamics Law

$$\Delta Entropy = \Delta Energy \times \frac{1}{Temp}$$

$$Value = Energy \times Efficiency$$

“DNA is the fundamental chain of bio universe, BTC is the fundamental chain of bit universe,

DNA & BTC will build better BIO & BIT Biverse.”

Arthur Lee, ENERGISM, 2022

SAI.TECH Principle, ENERGISM

Bio Photosynthesis Equation

Light

$H_2O + CO_2 \dashrightarrow O_2 + Bio$

Chloroplast

for Bioverse

Bit Photosynthesis Equation

Chip

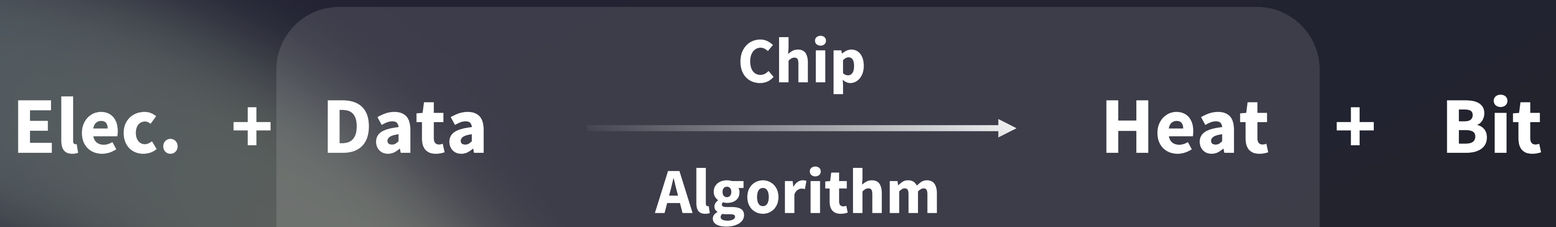
Elec. + Data ⇢ Heat + Bit

Algorithm

for Bitverse

SAI.TECH Strategic Product, ULTIAAS

Bit Photosynthesis Equation



ULTIAAS

Chapter 2

ULTIAAS

Part A Product Design Concept

Current Challenges of Computing

Problems of Air Cooling

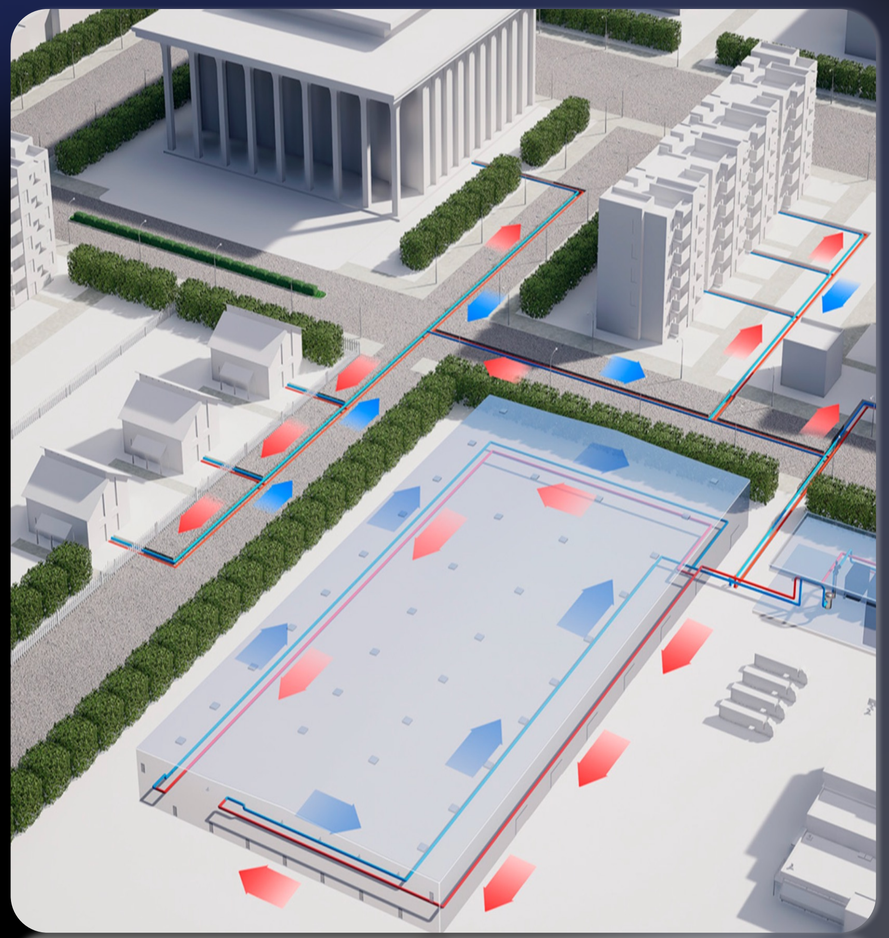
- Noise
- High Opex and PUE
- Low Stability

Challenges of Liquid Cooling

- High Capex
- Site Location
- Operation and Maintenance

Ultimate Solution:

Liquid Cooling, Chip to Energy



ULTIAAS, from Chip to Energy

The Ultimate Product
Hardware + Software

1. Liquid cooling
2. Waste heat reuse
3. Cloud management
4. Algorithm iteration

The Integrated Solution
for Computing Industry

1. Turnkey solution
2. Cloud computing

Trend & Future:

Ultimate IaaS Provider

ULTIAAS Components

Products

For turnkey solution

Indoor Solution CAB APP All in one APP

Outdoor Infra. BOX PCB Customized Chip

Operation

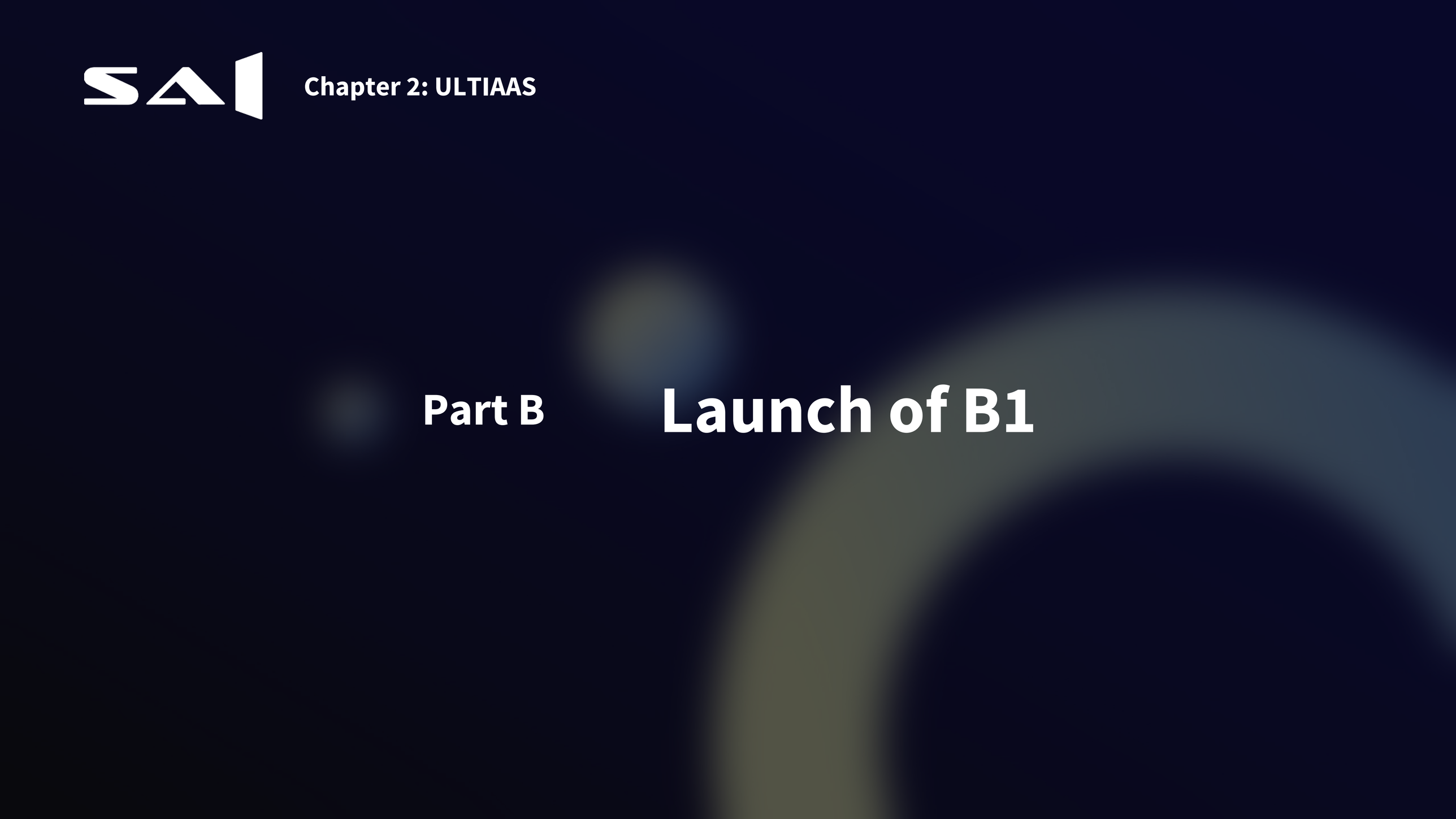
For cloud service

Agricultural Residential

SAI NODE

In different scenarios

Commercial Industrial



Part B

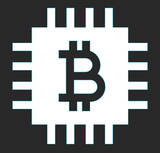
Launch of B1

B1, Integrated Solution

1st gen integrated

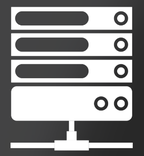
Clean Bitcoin Mining Solution

01
CHIP



02
Miner

03
Mining Site

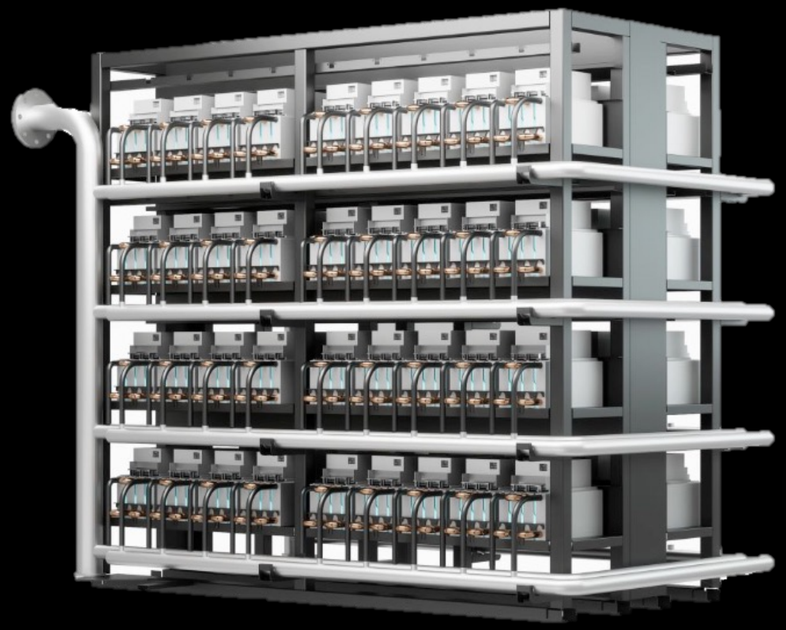


04
Heating Reuse

B1, Upgrade of CAB

CAB

Requires reconfiguration of air-cooled machines



UPGRADED

RACK CAB

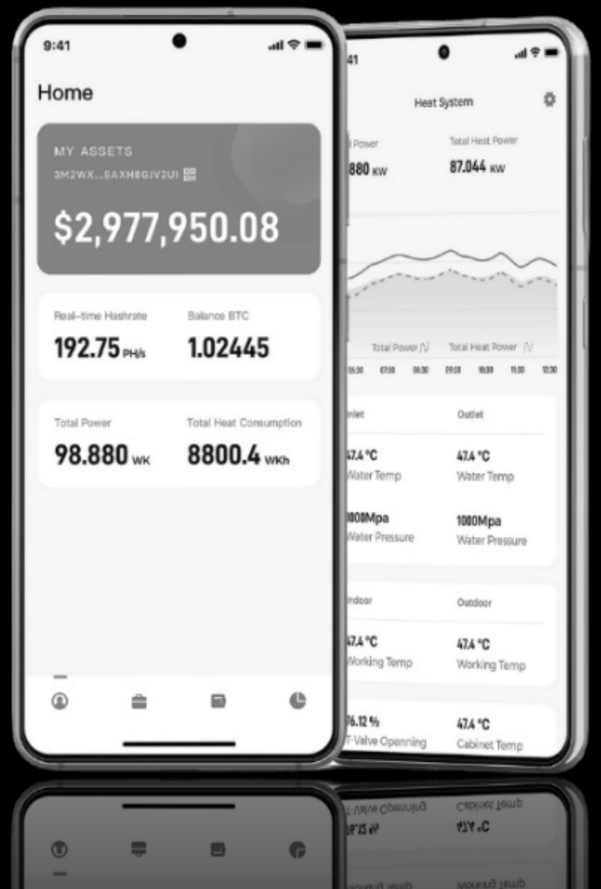
Fits standardized liquid-cooled machines

B1, Upgrade of APP

SAIHUB APP

Digital wallet, mining pool

and machine monitoring



UPGRADED

Heat Management

Function Added

B1, Launch of BOX

TANKBOX
Immersion cooling
for air-cooled machines

RACKBOX
Fits 2U standard
liquid cooling machines

HYDROBOX
Plug-n-play that fits
210 units of S19 Hydro

Lower Deployment Cost with Better Mobility

B1, TANKBOX

TANKBOX

TANKBOX is our new immersion cooling outdoor infrastructure 20ft container, fits up to 144 mining machines and compatible with Bitmain S19 series, Whatsminer M30/36/50/56 series or other air-cooled machines. Equipped with external cooling tower and enables high-efficiency reuse of waste-heat.

B1, RACKBOX

RACKBOX

RACKBOX is our new liquid cooling outdoor infrastructure 20ft container, fits up to 90 units of 2U standard mining machines and compatible with all rack-mounted liquid-cooling models (e.g., Whatsminer M53). Equipped with external cooling tower and enables high-efficiency reuse of waste-heat.

B1, HYDROBOX

HYDROBOX

HYDROBOX is our new liquid cooling outdoor infrastructure 20ft container, fits up to 210 units of Bitmain’s S19 Hydro mining machines. Equipped with external cooling tower and enables high-efficiency reuse of waste-heat.

B1, Launch of PCB Design Standard

PCB Design Standard

1. Advocate and promote the standardization towards IDC equipment;
2. Enhance the supply of bitcoin mining;
3. Lowered liquid-cooling cost using standardized design;

TANKPCB

Standard 19-inch, 4U design that is compatible with single phase immersion-cooled IDC equipment, easing burden for operation and maintenance.

RACKPCB

Standard 19-inch, 2U design that is compatible with liquid-cooled IDC equipment, easing burden for operation and maintenance.

Part C

SAI NODE

ULTIAAS Operation Milestones

Milestones for next Decade

2018~2020 SAI HEAT

2021~2023 SAI NODE

2024~2026 SAI CITY

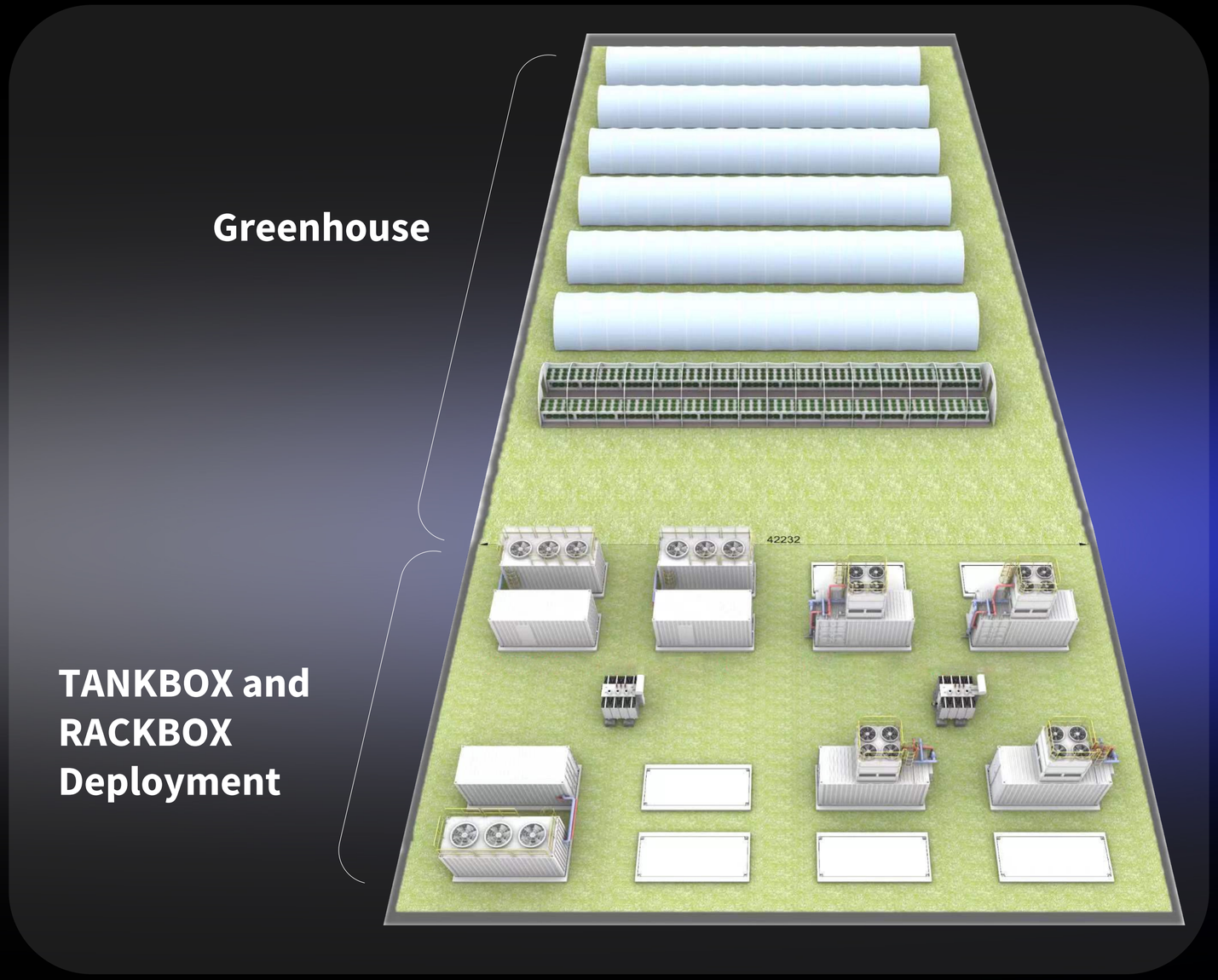
2027~2029 SAI BASE

2029~2031 SAI META

SAI NODE OHIO 5MW Development

5MW in development

1. Power on: **July 2023**
2. Deployment of **3 RACKBOX** and **4 TANKBOX**
3. IDC standard, **integrated liquid cooling mining solution**
4. Waste heat reuse capability with a greenhouse application



Chapter 3

BOLTBIT

SAI.TECH Strategic Product, BOLTBIT

Bit Photosynthesis Equation

BOLTBIT

BOLTBIT Positioning

Transact Better

Exchange More

Gradual Launch of Technical Services in Q3 2023

BOLTBIT Positioning

The Most **Regulated** and **Reliable Asian** Crypto Exchange

Asian Coinbase

COMPLIANCE

Strict Listing Rules

No Platform Offering

BOLTBIT Targeting

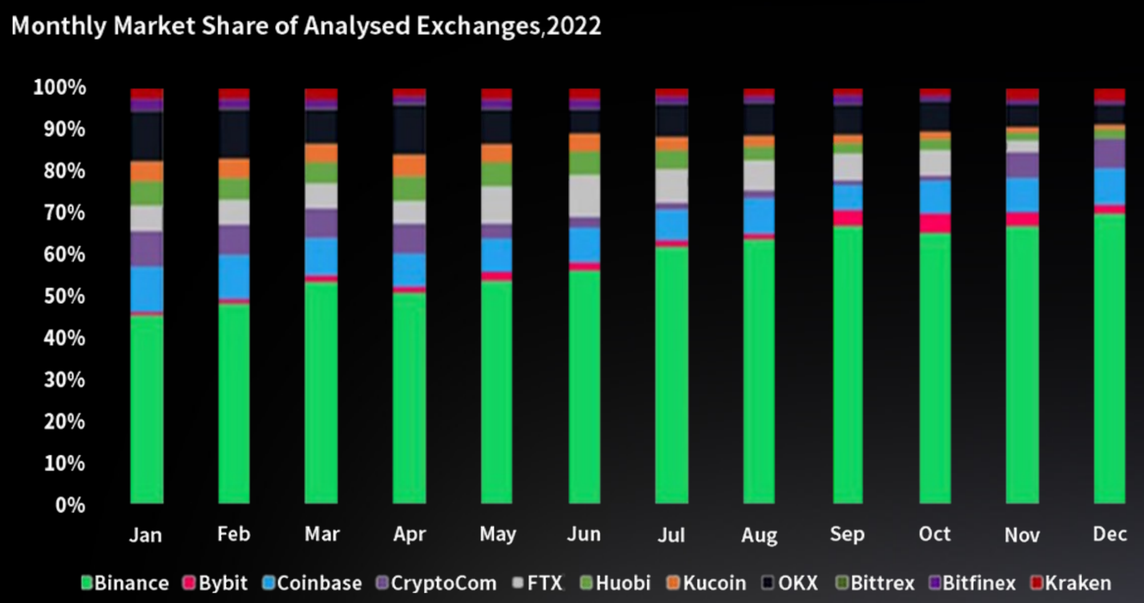
Targeting Region:

- **Emerging Crypto Economies**

Advantages:

- **Rapid development**
- **Compliant License**

BOLTBIT Prospect



Trading the rights of use

Is the essence of every transaction

Physical Goods

Virtual Goods

Any right of use

Designer Products

NFTs

Cryptos

Everything

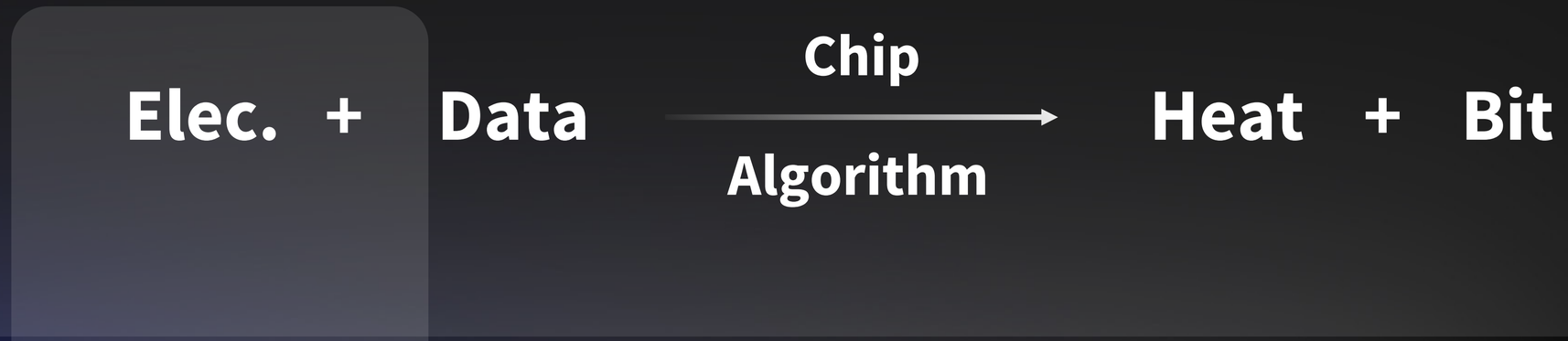
could be exchanged on BOLTBIT in the future

Chapter 4

HEATNUC

SAI.TECH Strategic Project, HEATNUC

Bit Photosynthesis Equation



HEATNUC

Energy Situation

Challenges of the Energy Sector

The need for

Sustainable and Carbon-neutral Power

Energy supply and demand's

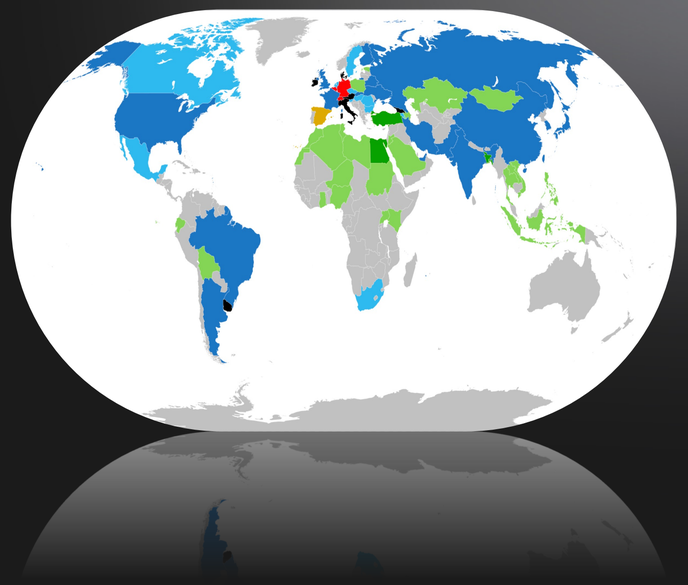
Instability and Dependency

Existing fossil fuel power plants'

Upgrade and Replacement

Nuclear Potential

Nations based on nuclear output as a percentage of national power output



- Operating reactors, building new reactors
- Operating reactors, planning new build
- No reactors, building new reactors
- No reactors, planning new build
- Operating reactors, stable
- Operating reactors, considering phase-out
- Civil nuclear power is illegal
- No reactors

Market Potential

- **Lower Capital Costs and More Stable**
- **Major electricity supply for over 50 years**
- **Over Trillions Dollars Market**
- **National Investment Increasing and Policies Becoming Favorable**

HEATNUC Positioning

Designer, manufacturer and operator of
Small Modular Reactors

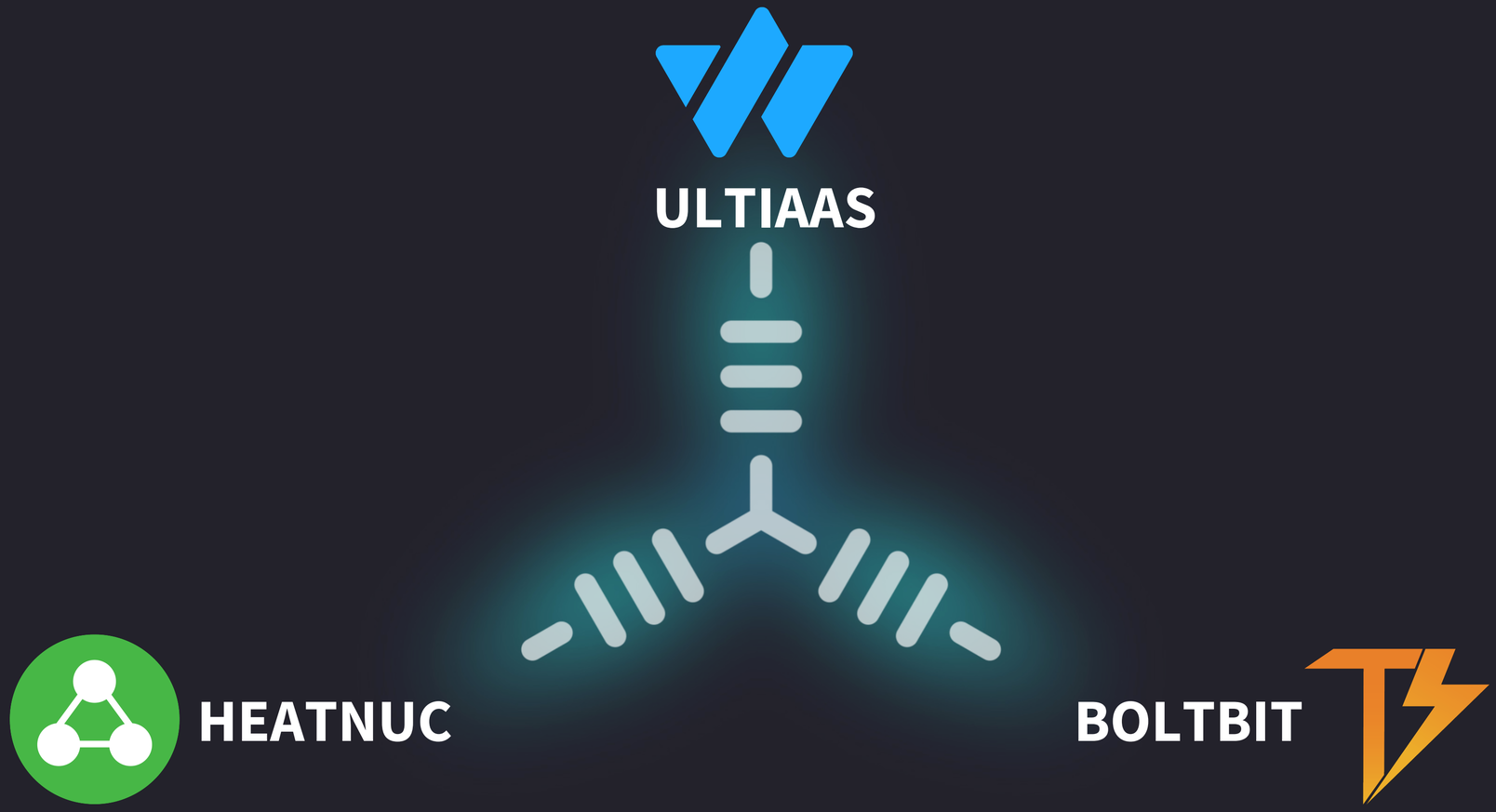
Leverage highly-experienced experts from
Top-tier Organizations

Synergy created with
ULTIAAS,
as the most stable electricity user, to
ensure the stability of power load

Lowered Capex and Opex using the
Modular Design

The way to Clean and Available Energy

SAIHUB Strategy



SAI.TECH: Sustainable Operator of Bitverse

One More Thing

Chapter 5

Build Better Biverse
Stage 1

How can we become interstellar species?

Extreme Environmental Conditions

- Oxygen-free
- Low temperature

Survival of Multi-species Needs

- Energy supply
- Computing power

SAIHUB is the Best Interstellar Infrastructure Solution

HEATNUC *Sustainable Available Power*
ULTIAAS *Innovative Heating*
BOLTBIT *Accessible Transactions*

Stage one - Interstellar Bitverse

Step 1
Trading Dominance

Step 2
Mining Globalization

Step 3
Electricity Infrastructure

Step 4
Chip Fabrication

Step 5
Interstellar Deployment

15 Years Roadmap

2018-2033

Interstellar Deployment

Phase 1
SAIBASE on Earth

Phase 2
SAIBASE on Moon

Phase 3
SAIBASE on Mars

Powered by
Nuclear and Solar

Heated by
Computing waste heat

Bitcoin
as legal tender

SAI | Nasdaq Listed