



SAI TIME

2022

Sustainable Available Innovative



Energism

The practice of thermodynamics

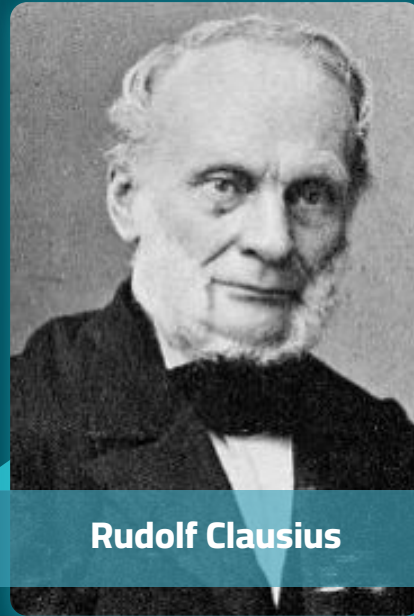
Thermodynamics

The laws of thermodynamics



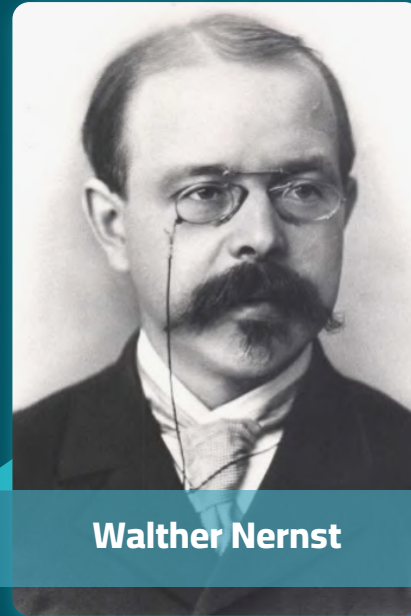
Hermann von Helmholtz

(1821-1894)



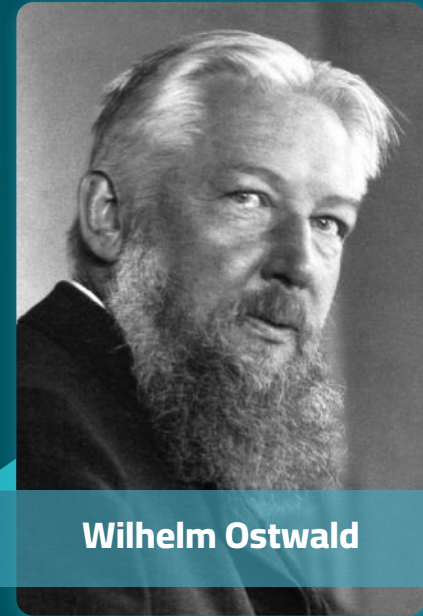
Rudolf Clausius

(1822-1888)



Walther Nernst

(1864-1941)



Wilhelm Ostwald

(1853-1932)

Industrial Revolution



Hand work



Steamer



Power



Computing

But Energy is Limited

Fossil-
fuel

Clean
Energy

Carbon

Silicon

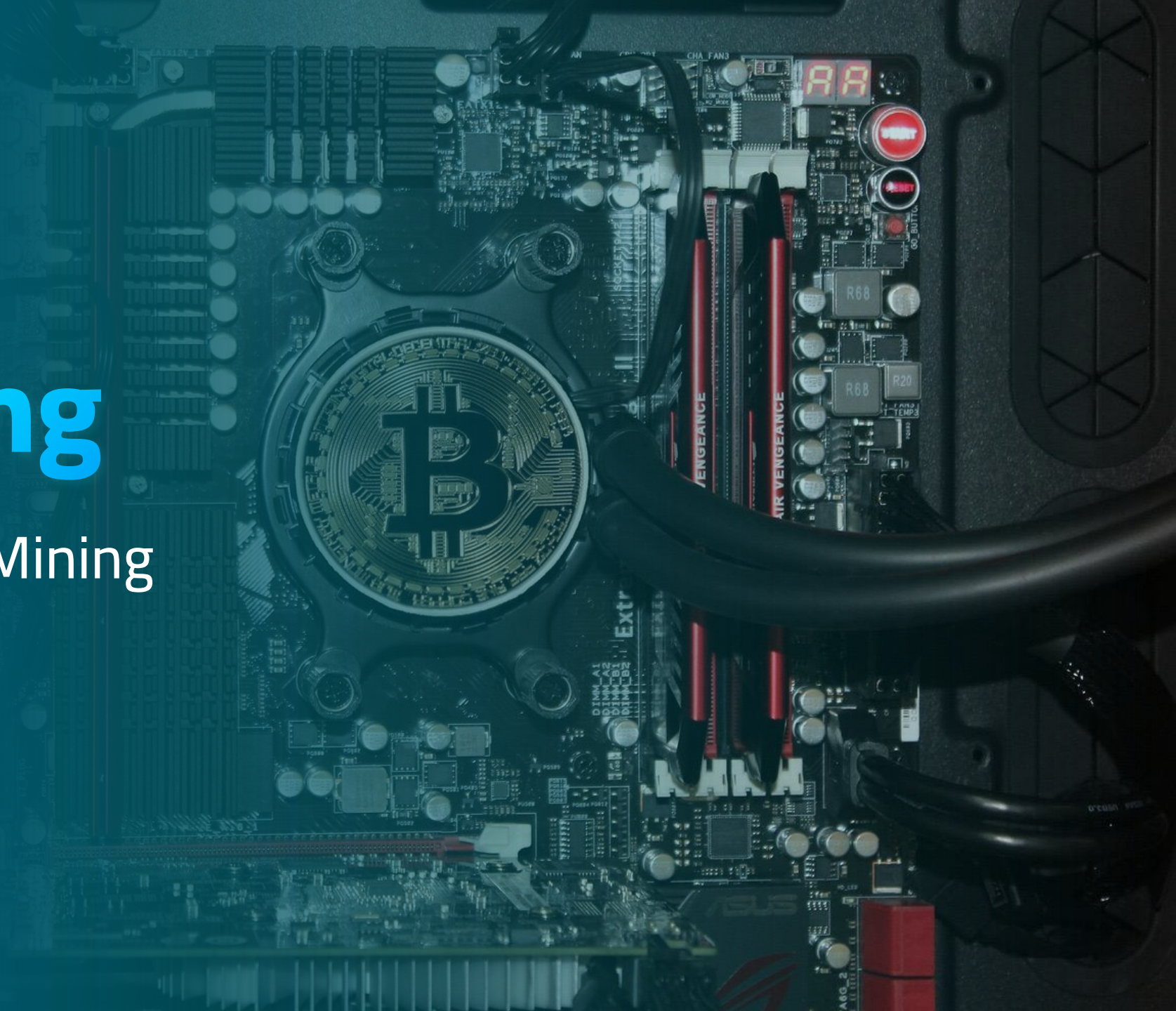
Find More Energy

Improve Energy Efficiency



Computing

Especially, Bitcoin Mining



The Process of Computing

Electricity + Data $\xrightarrow[\text{Chip}]{\text{Algorithm}}$ Value + Heat

Over 99% electricity consumed in the computing process turns into heat.



Electricity is the Major Cost

1%
2020

3-13%
2030

Internet Data Center (IDC)

0.5%
2021

74%
Renewable

Bitcoin Mining

Heat is Undervalued

99% heat

PUE>1.5

50% Energy

40% CO₂

Cooling Needs

Heating Needs

Satoshi's Prediction From a Decade Ago

satoshi

Founder
Sr. Member



Activity: 364
Merit: 3682



Re: Bitcoin minting is thermodynamically perverse

August 09, 2010, 09:28:39 PM

#39

The heat from your computer is not wasted if you need to heat your home. If you're using electric heat where you live, then your computer's heat isn't a waste. It's equal cost if you generate the heat with your computer.

If you have other cheaper heating than electric, then the waste is only the difference in cost.

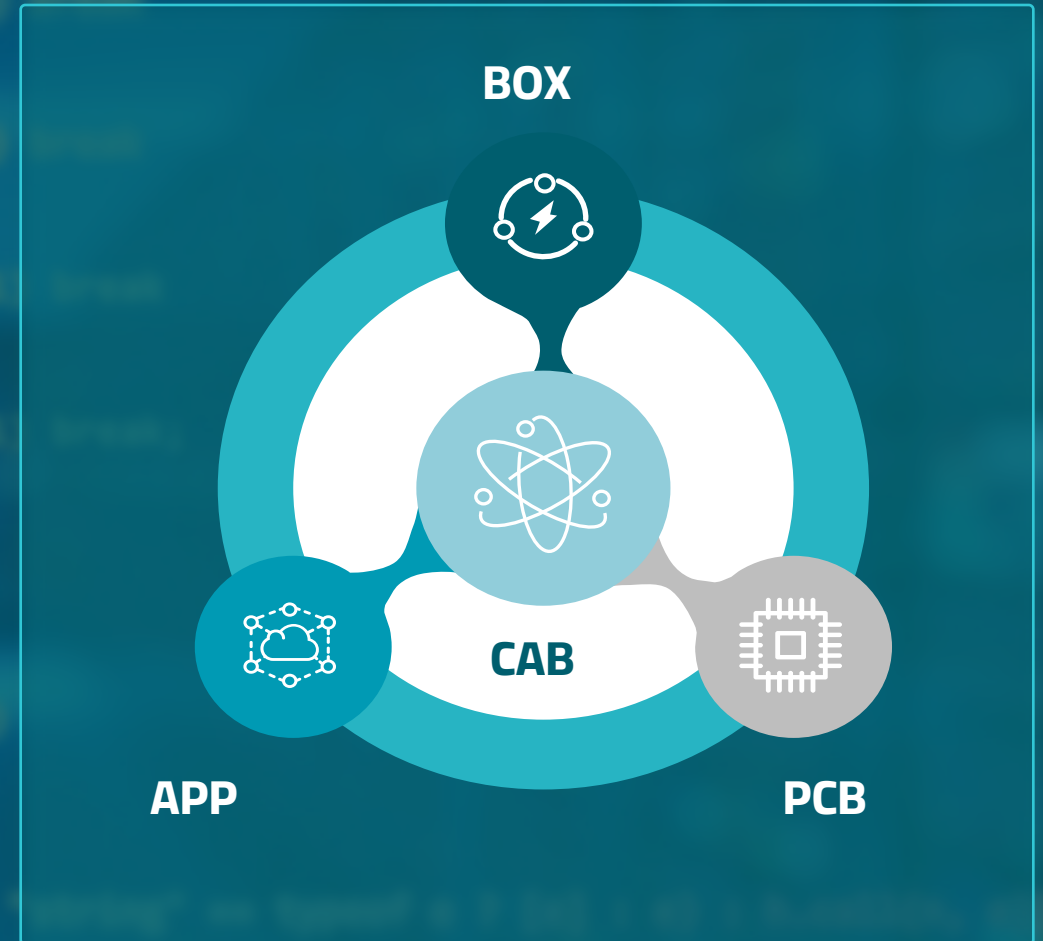
If it's summer and you're using A/C, then it's twice.

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.



SAIHUB Solution

An integrated hardware and software open-source system



The History of SAIHUB



1.0



2.0



SAIHUB Solution 3.0

More
efficiency

5nm Chips

More
digitalized

Cloud Management

More
customized

Hash Board

3.0



Better Boiler

CAB

Liquid Cooling

Waste Heat Utilization





Better Battery

BOX

Foldable

Portable

Deployable





APP

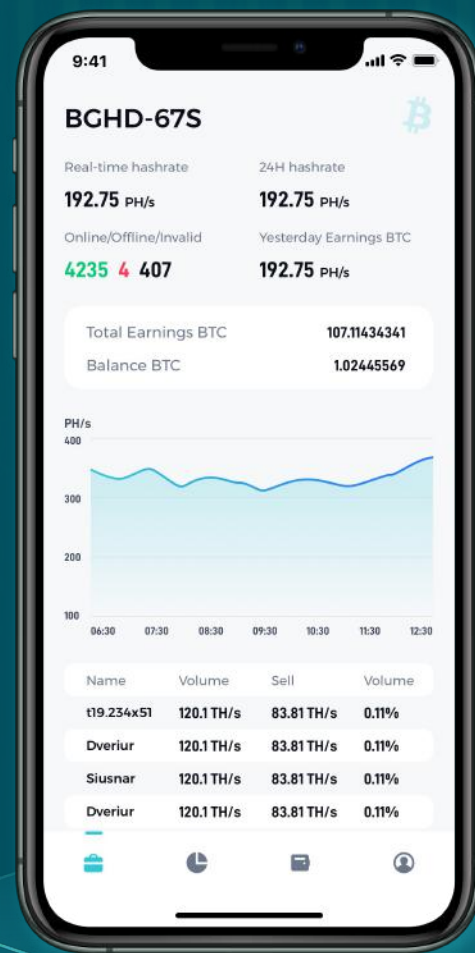
Asset

Mining

Energy

Safety

Better Browser





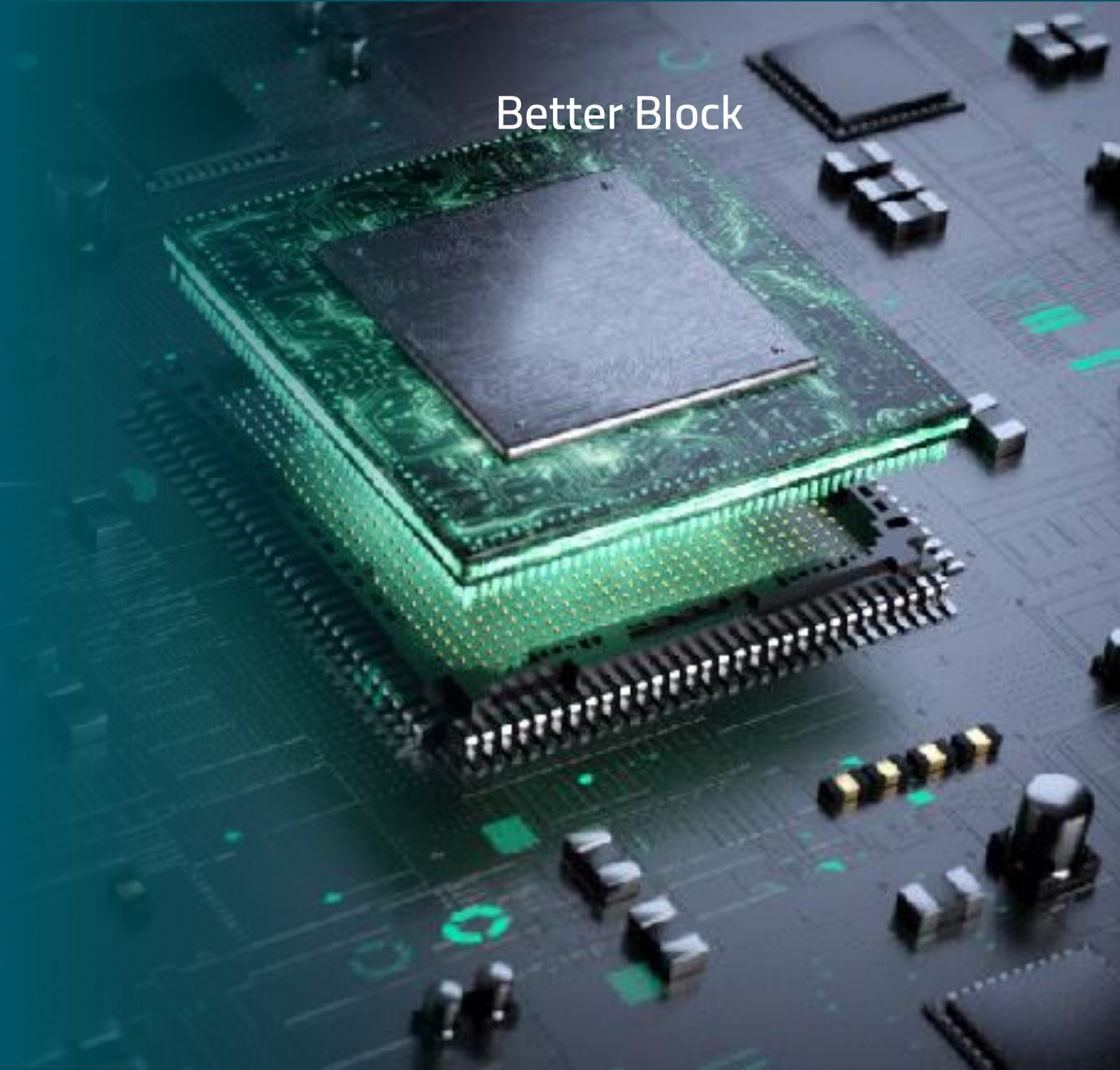
Better Block

PCB

Intensive

Efficient

Stable





SAIBTC

Clean mining fund is the better access to BTC





Fund Factor





SAILAB

Industry News & Trends





MISSION



Sustainable Mining

Available Power

Innovative Heating

Sustainable Mining

Energy consumption increases as computing power grows



Available Power

Clean power is not stable nor cheap for computing





Innovative Heating

Computing »



« Heating

50% energy saved for both industries



We are committed to the ESG principles





Energist

The open-sourced & decentralized ecosystem





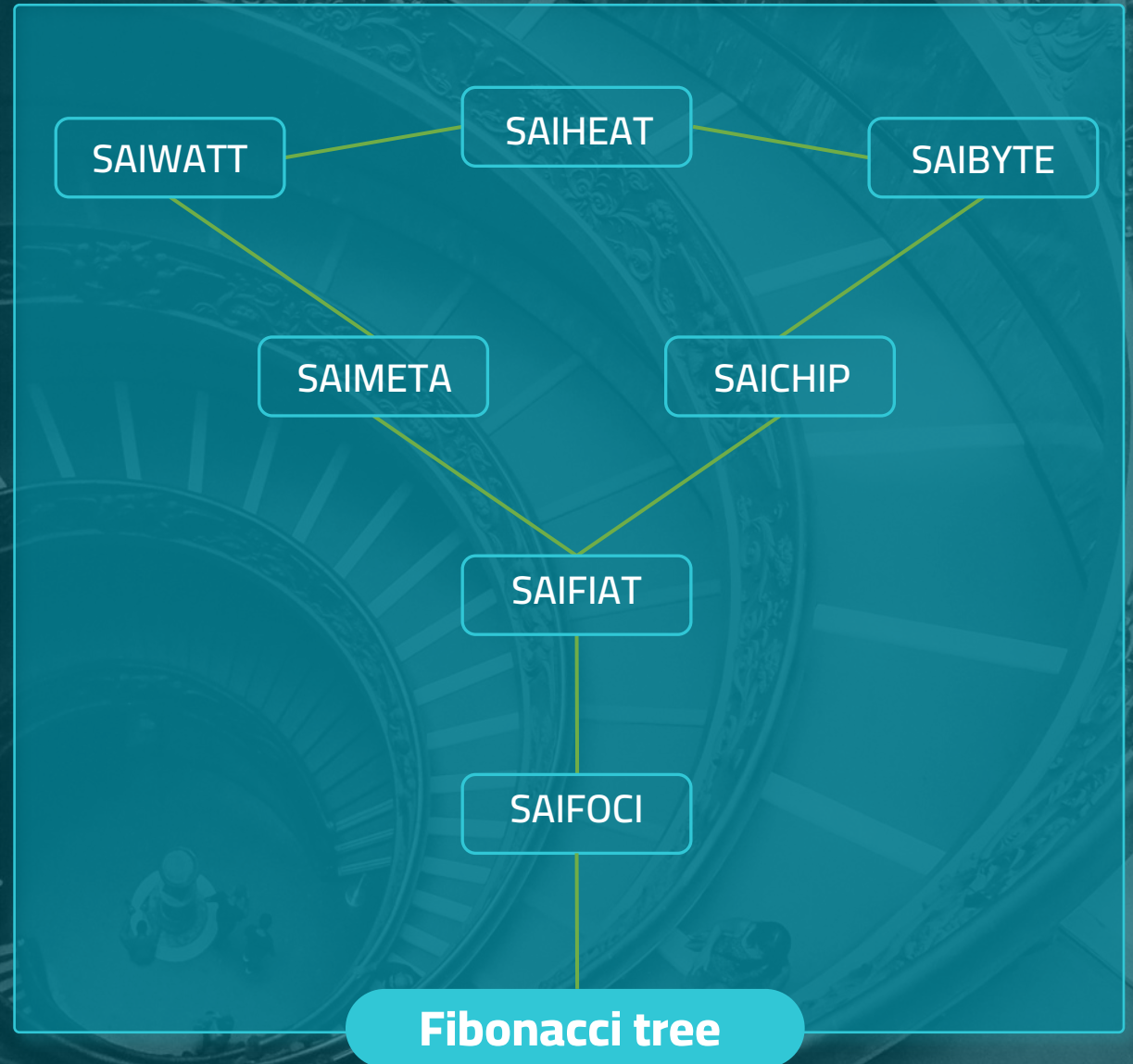
TREE

Team

Risk

Expend

Equity



SEED

SAI

+

Energy

+

Energist

+

DAO

Elec + Fund $\xrightarrow[\text{Chip}]{\text{Algo}}$ BTC + Heat

Mining photosynthesis

Founder



Arthur Lee
Founder & CEO

- Author of the book *Computing*
- Selected as 30 under 30 by Forbes, 2021
- Founding member of Forbes Global Alliance (FGA)
- 7 years' entrepreneurship and management experience in advanced technology and cryptocurrency



Creator



Taio Cheung
SAIFOCI VP



Ian Chow
SAIFIAT VP



Darhan Pao
SAIBYTE VP



Zoya Ji
SAIMETA VP



Yunfeng Liu
SAIHEAT VP



Jason Wong
SAIWATT VP

SAL Holder

Strategic Investor

BITMAIN

 真成投資
ZHENCHENG CAPITAL

Backed by Financial Investors

 Eversunny
Capital

 AMINO Capital
丰元资本

 新世界集团
New World Group

 追远创投
Fargo Capital

 KeyMan • 凯迈

Builder

Global distribution

Average age 31

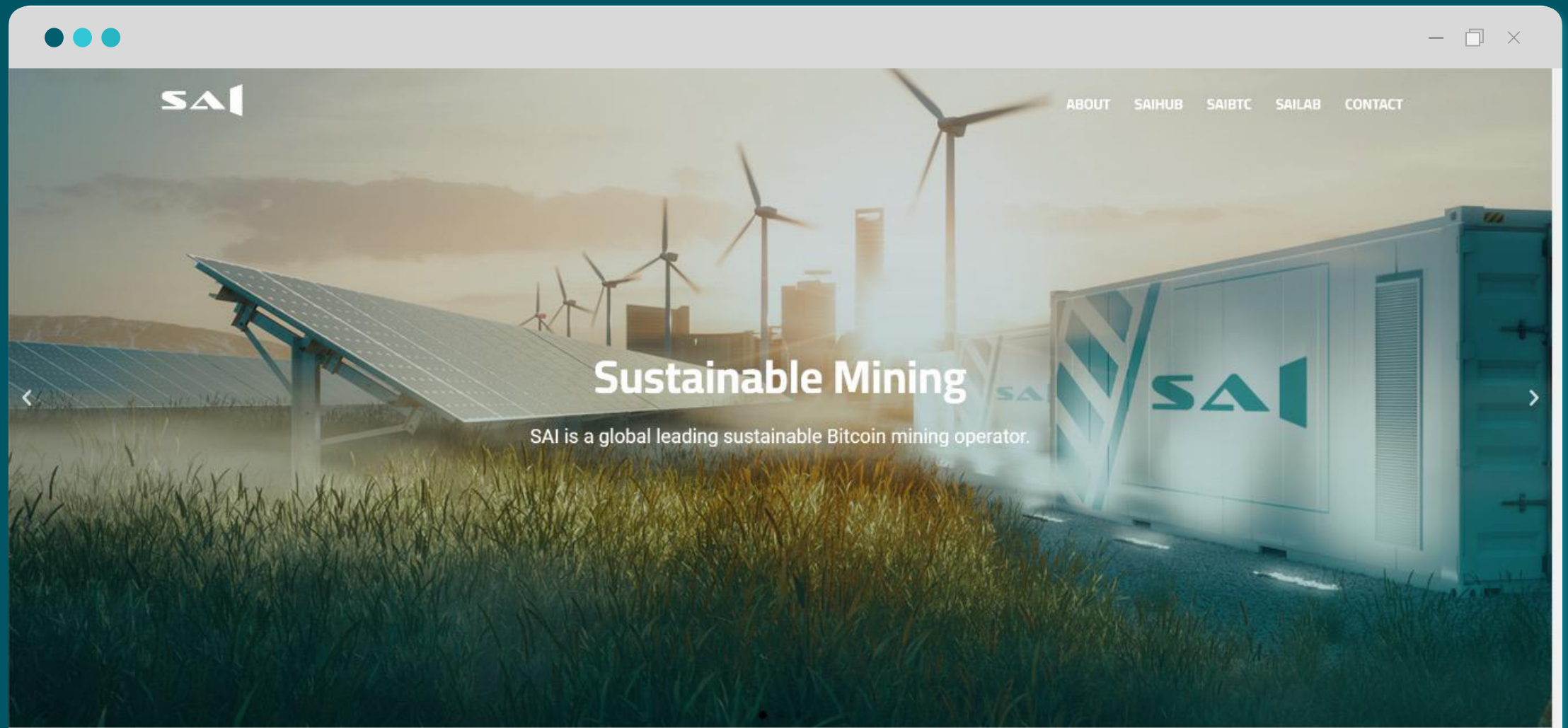
Female 40%

18 builders



NASDAQ: SAI





www.sai.tech