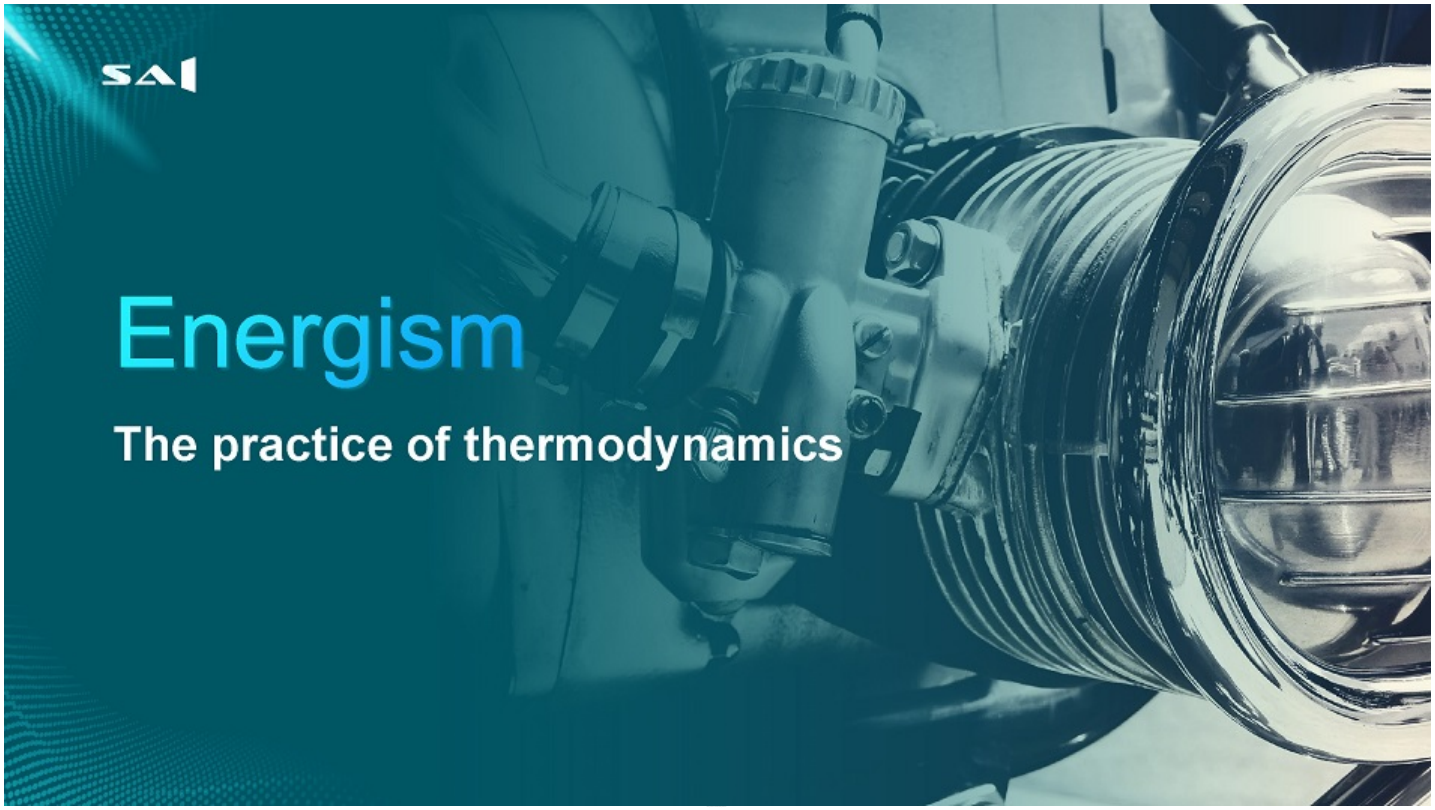
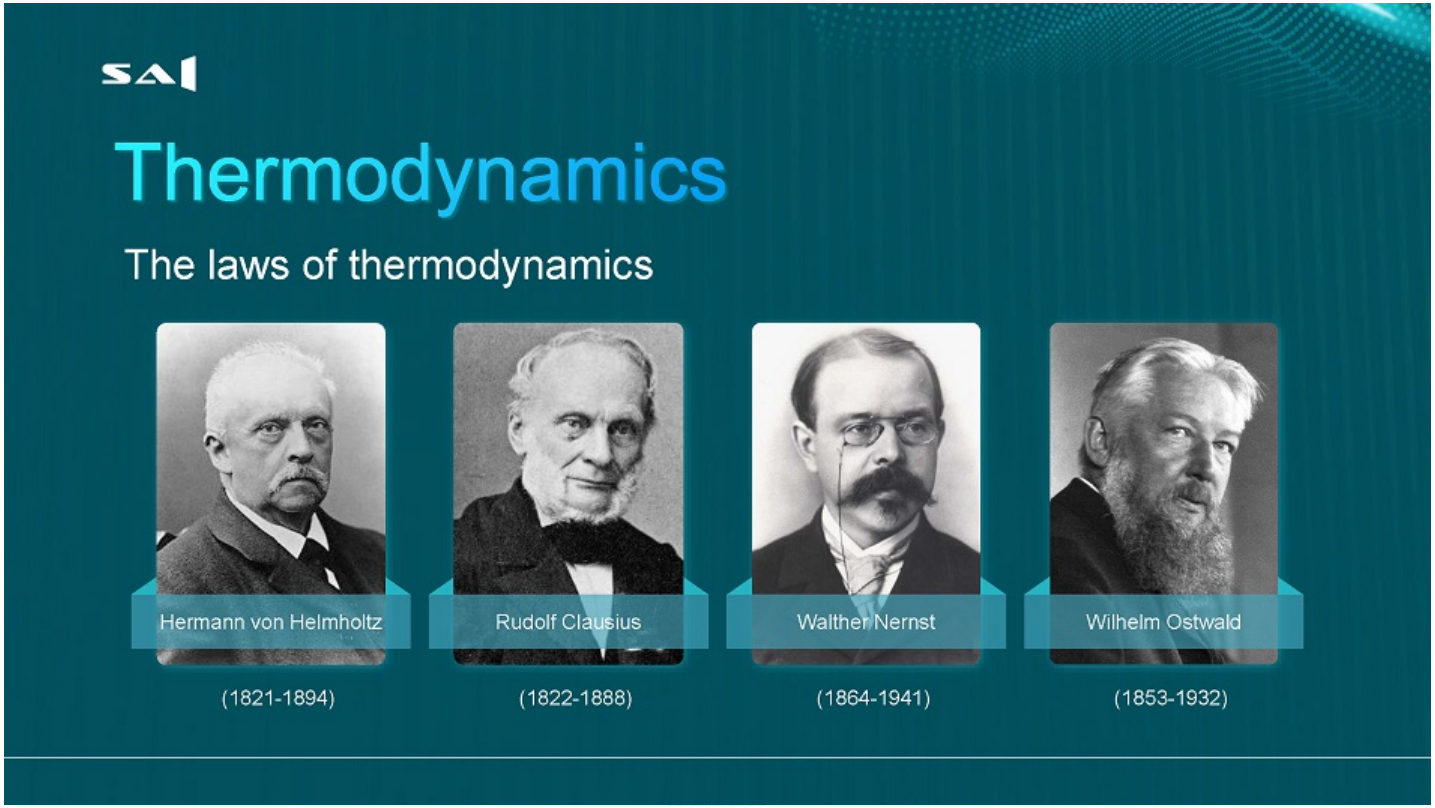
EX-99.1 2 ea157683ex99-1_tradeup.htm INVESTOR PRESENTATION

Exhibit 99.1

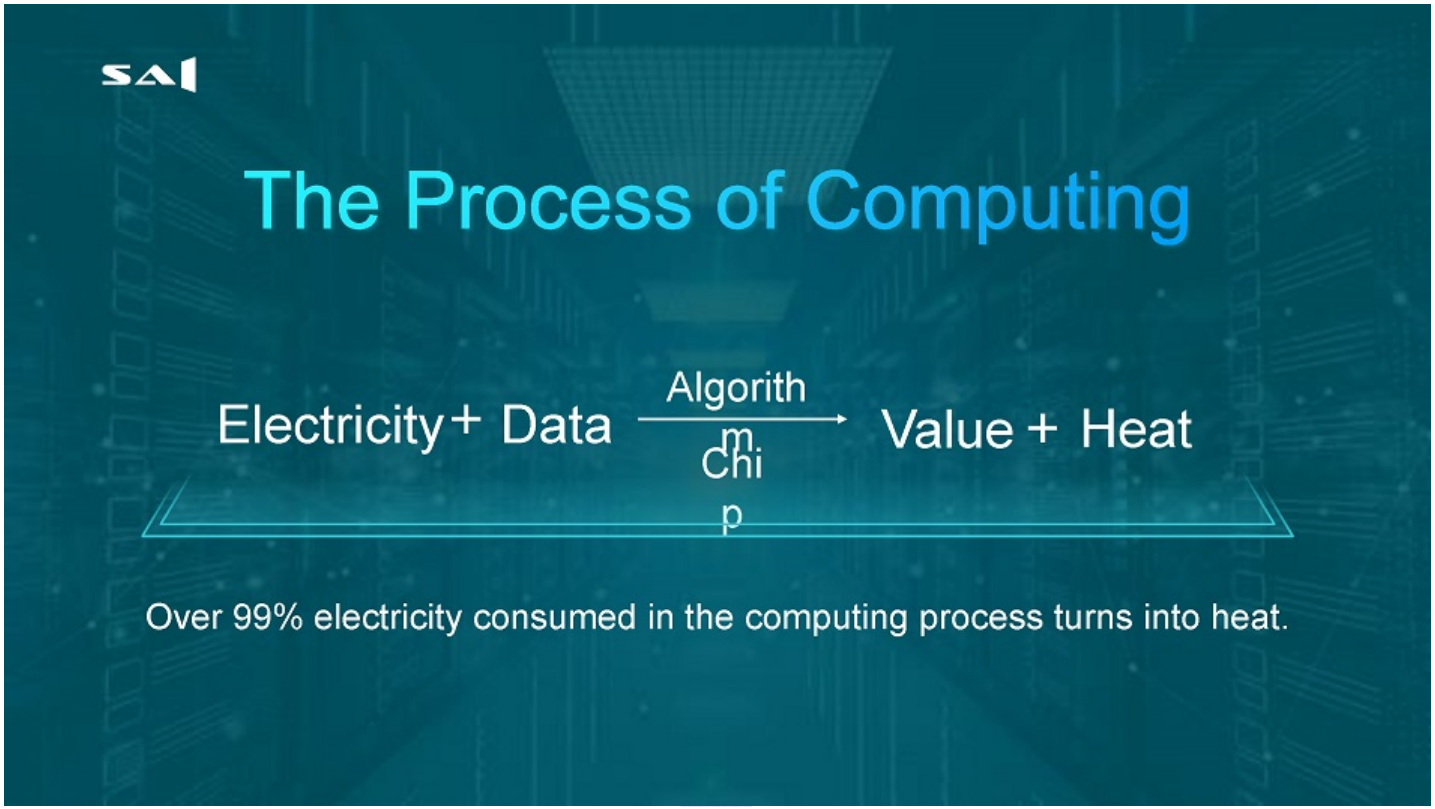

SAI
Energism
The practice of thermodynamics

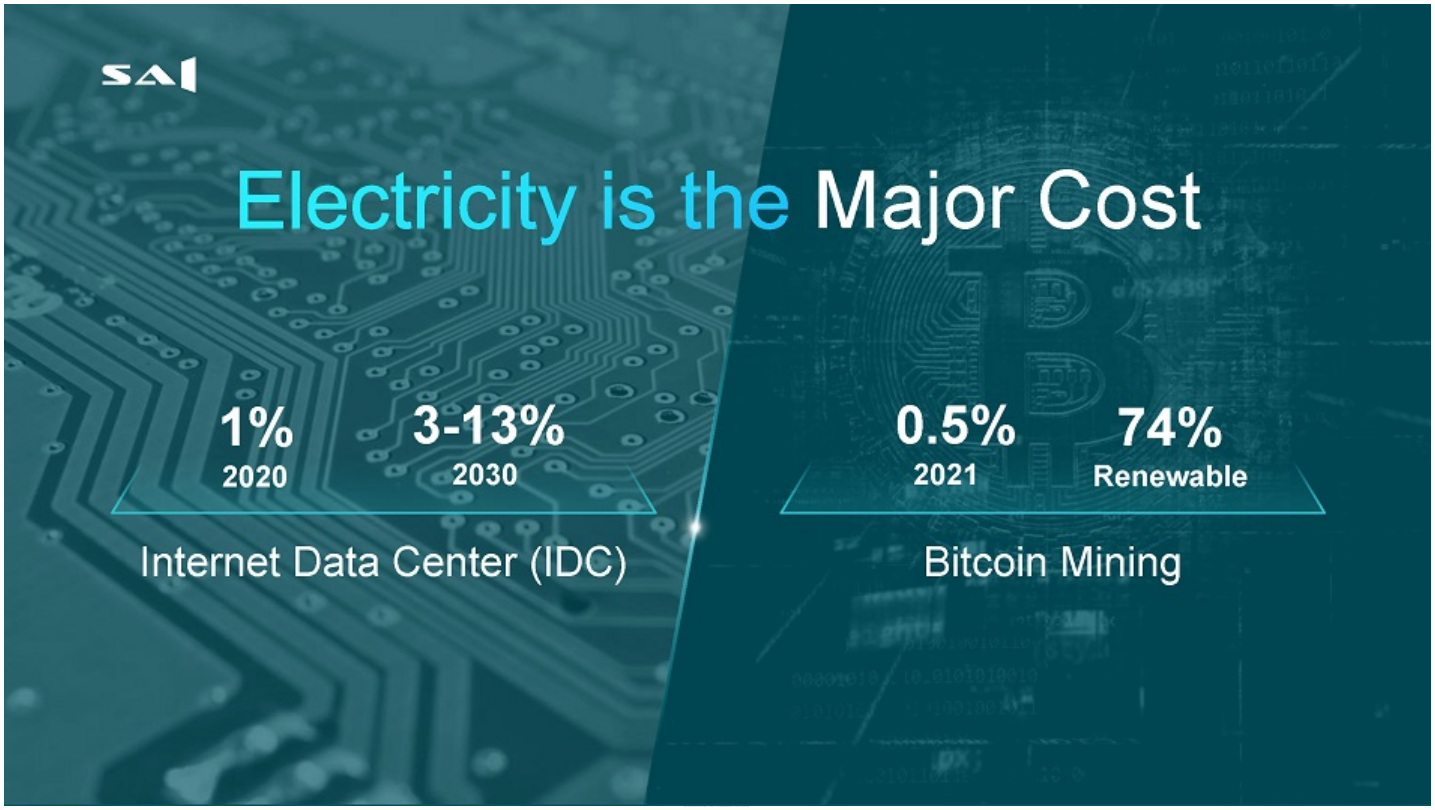

SAI
Thermodynamics
The laws of thermodynamics
Hermann von Helmholtz
(1821-1894)
Rudolf Clausius
(1822-1888)
Walther Nernst
(1864-1941)
Wilhelm Ostwald
(1853-1932)

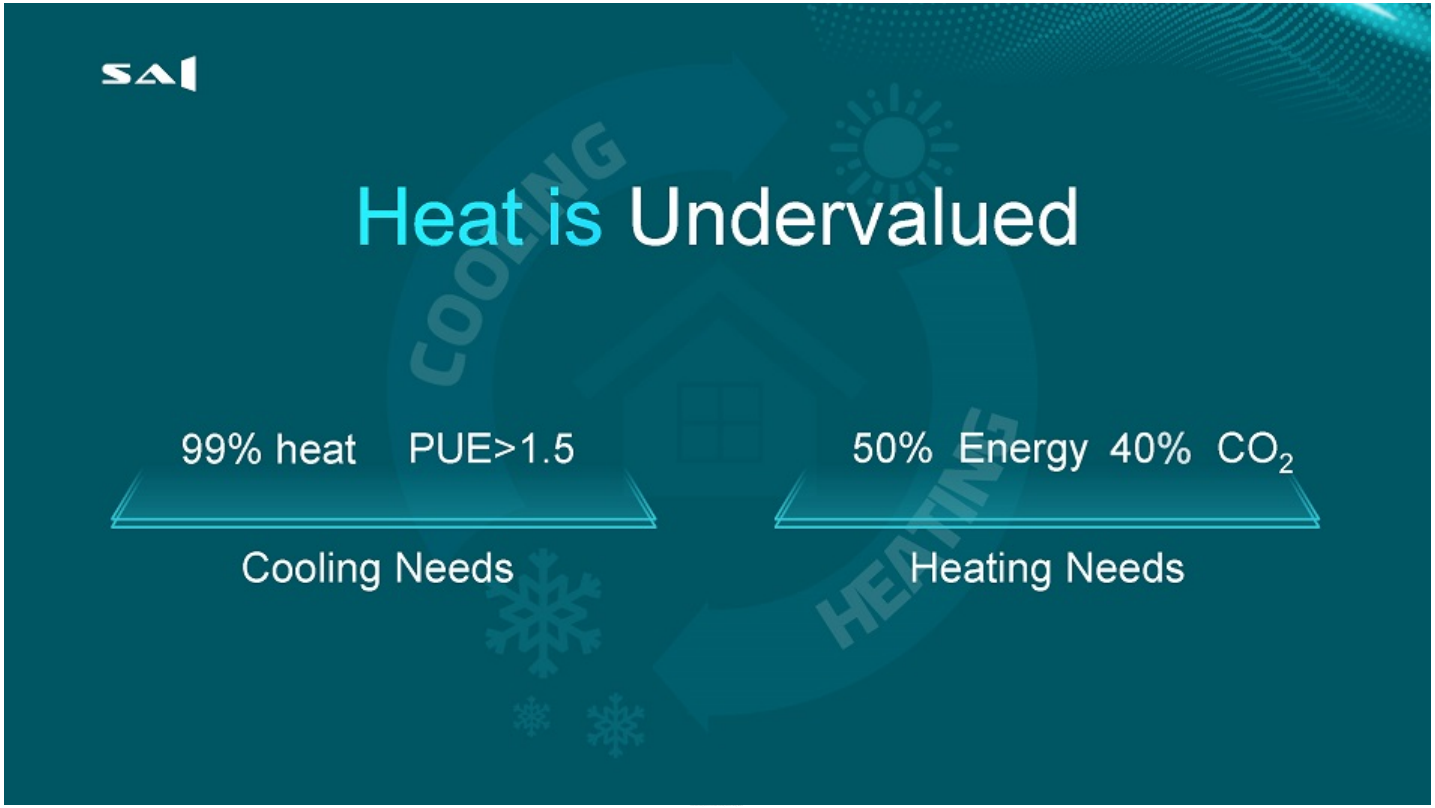

SAI
Industrial Revolution
Hand work
Steamer
Power
Computing

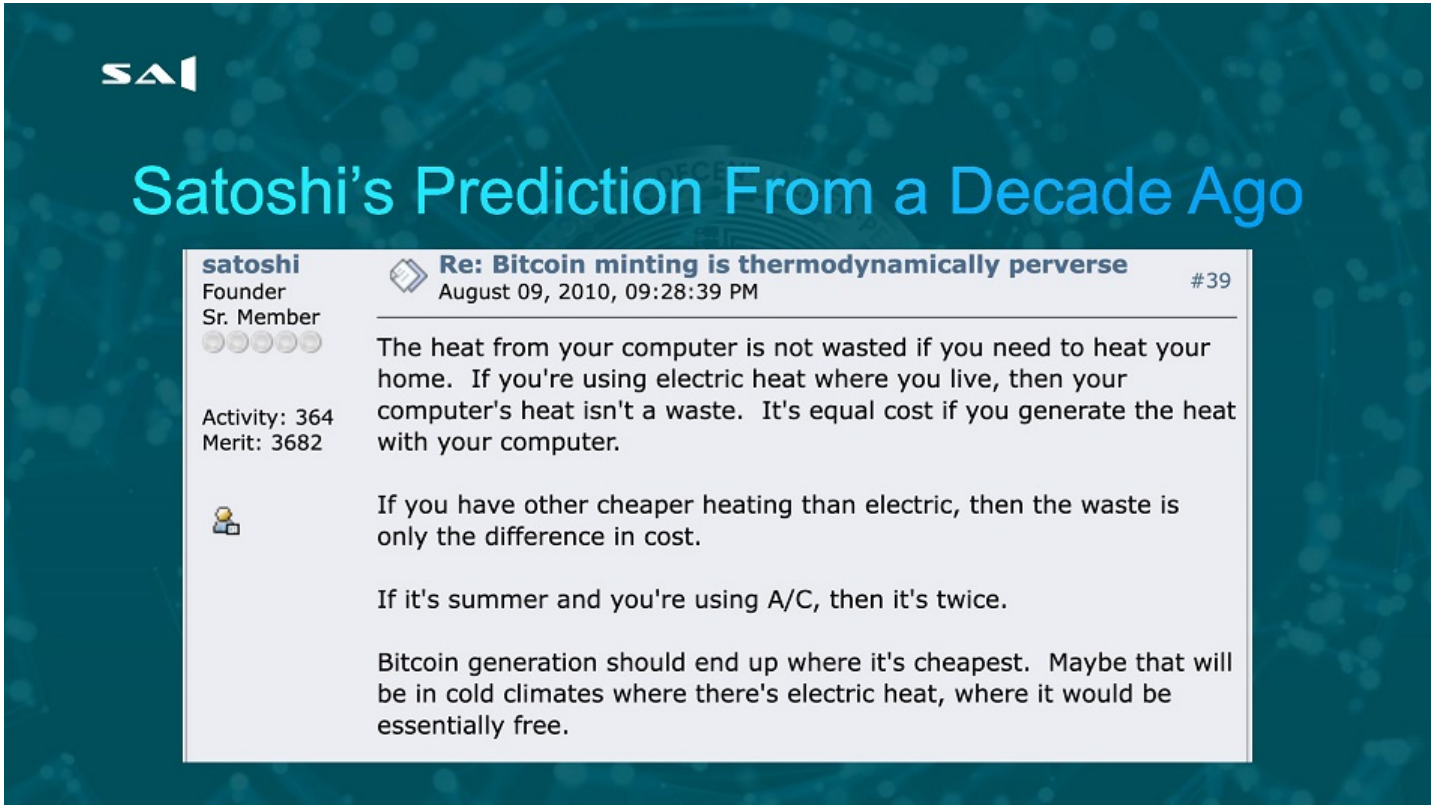

SAI
But Energy is Limited
Fossil-fuel
Clean Energy
Carbon
Silicon
Find More Energy
Improve Energy Efficiency

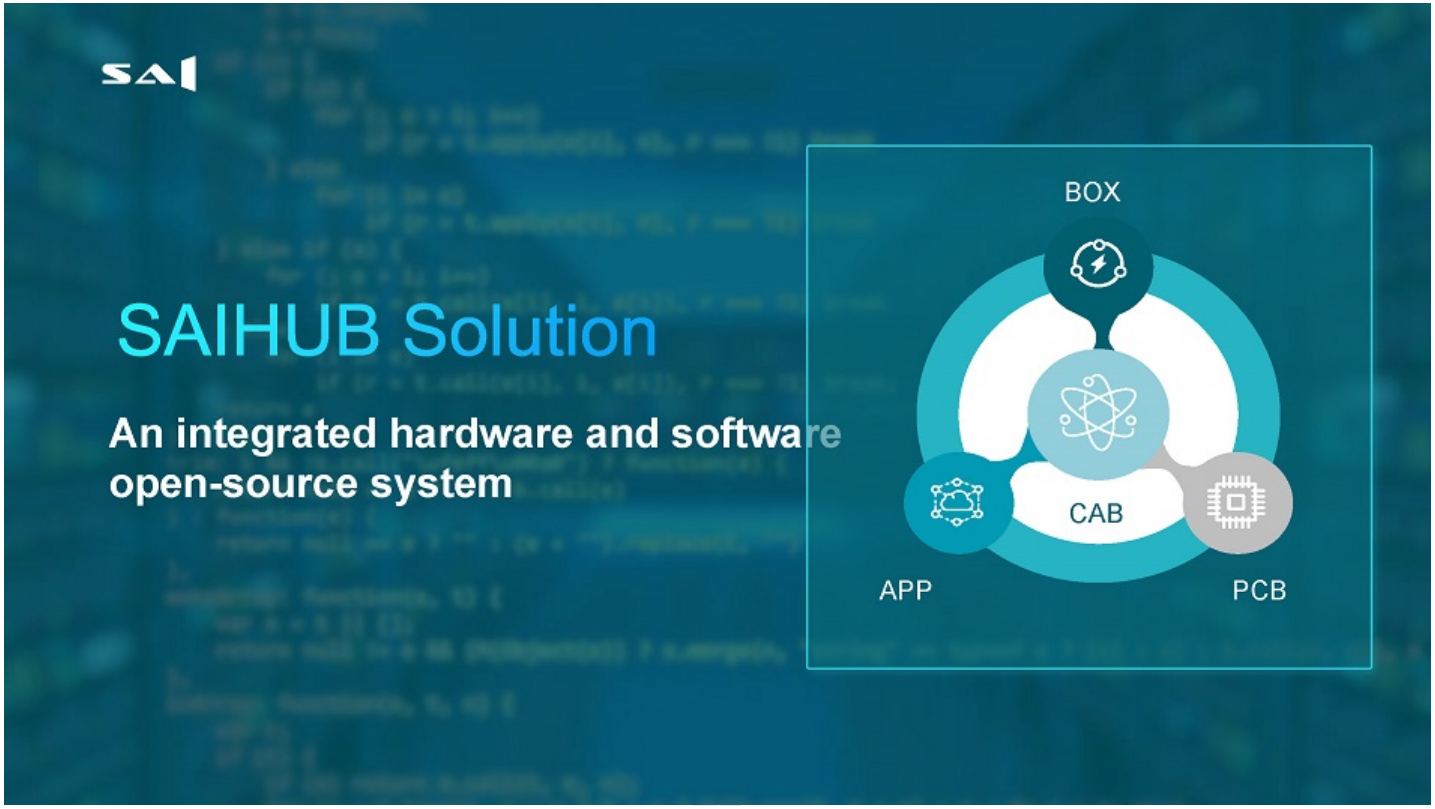

Computing
Especially, Bitcoin Mining


The Process of Computing
Electricity + Data
Algorithm
Chip
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


SAI
Heat is Undervalued
99% heat PUE>1.5
Cooling Needs
50% Energy 40% CO_2
Heating Needs


SAI
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.


SAI
SAIHUB Solution
An integrated hardware and software open-source system
BOX
CAB
APP
PCB

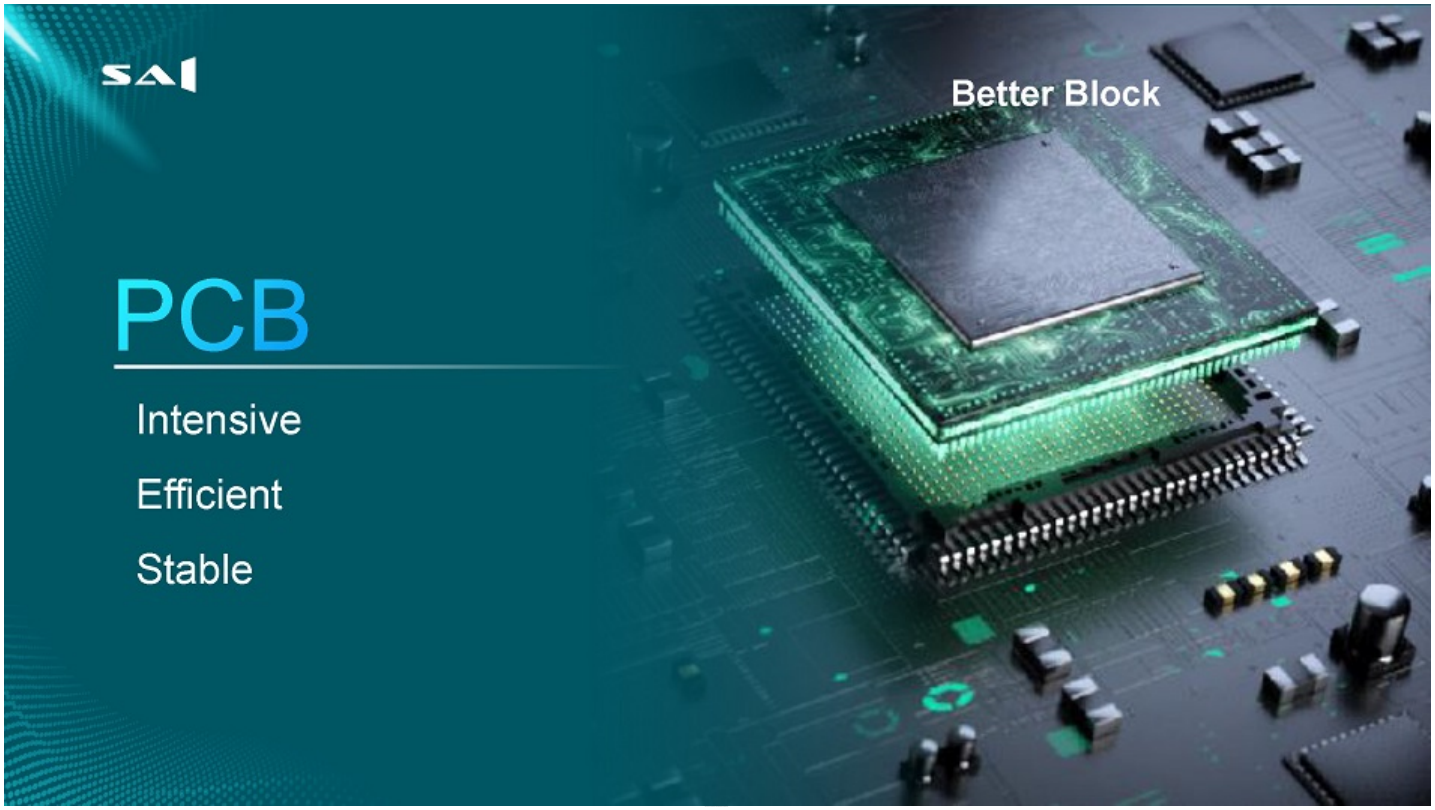

SAI
The History of SAIHUB
1.0
2.0


SAI
SAIHUB Solution 3.0
More efficiency
More digitalized
More customized
5nm Chips
Cloud Management
Hash Board
3.0

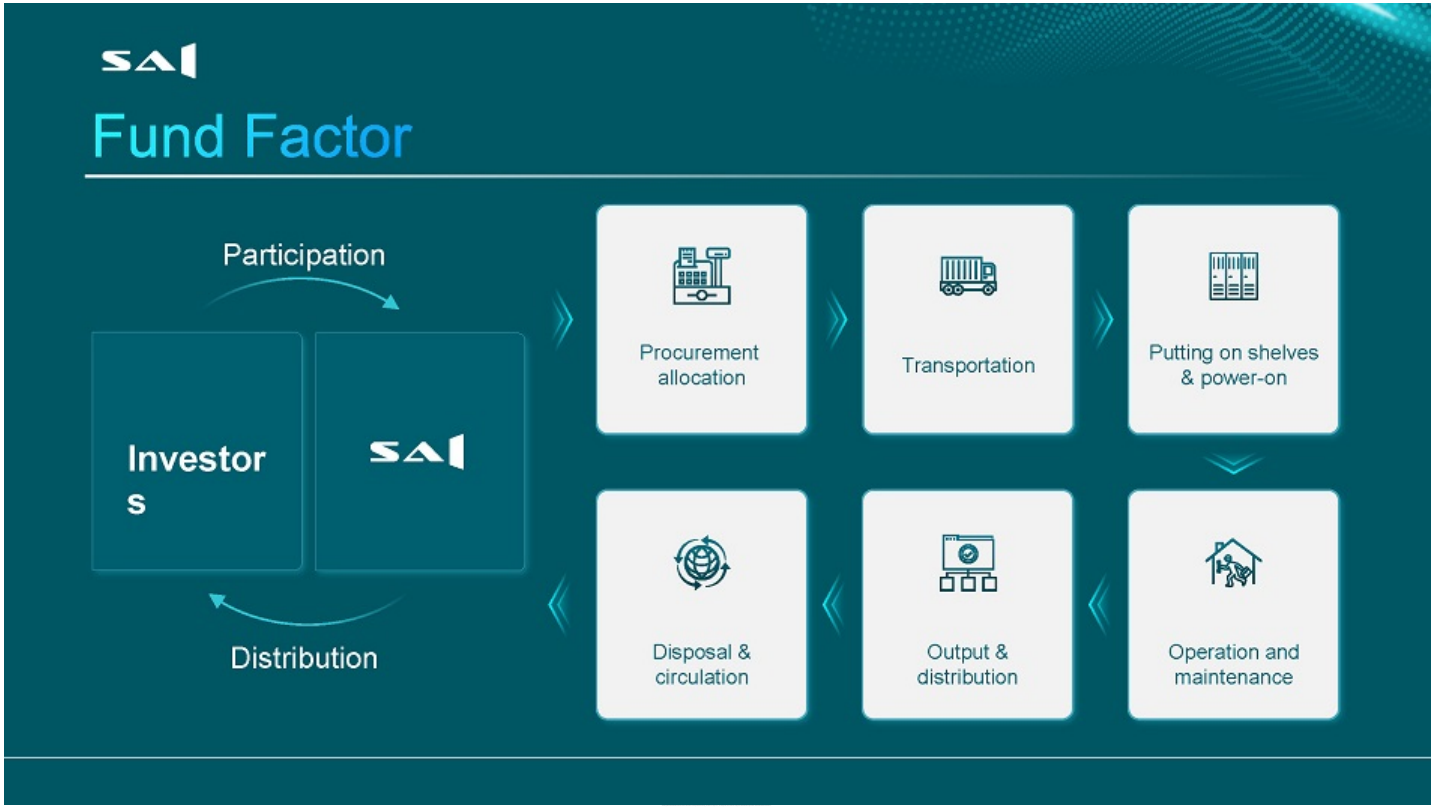

Better Boiler
CAB
Liquid Cooling
Waste Heat Utilization


SAI
Better Battery
BOX
Foldable
Portable
Deployable
SAI


Better Browser
APP
Asset
Mining
Energy
Safety
BGHD-67S


Better Block
PCB
Intensive
Efficient
Stable

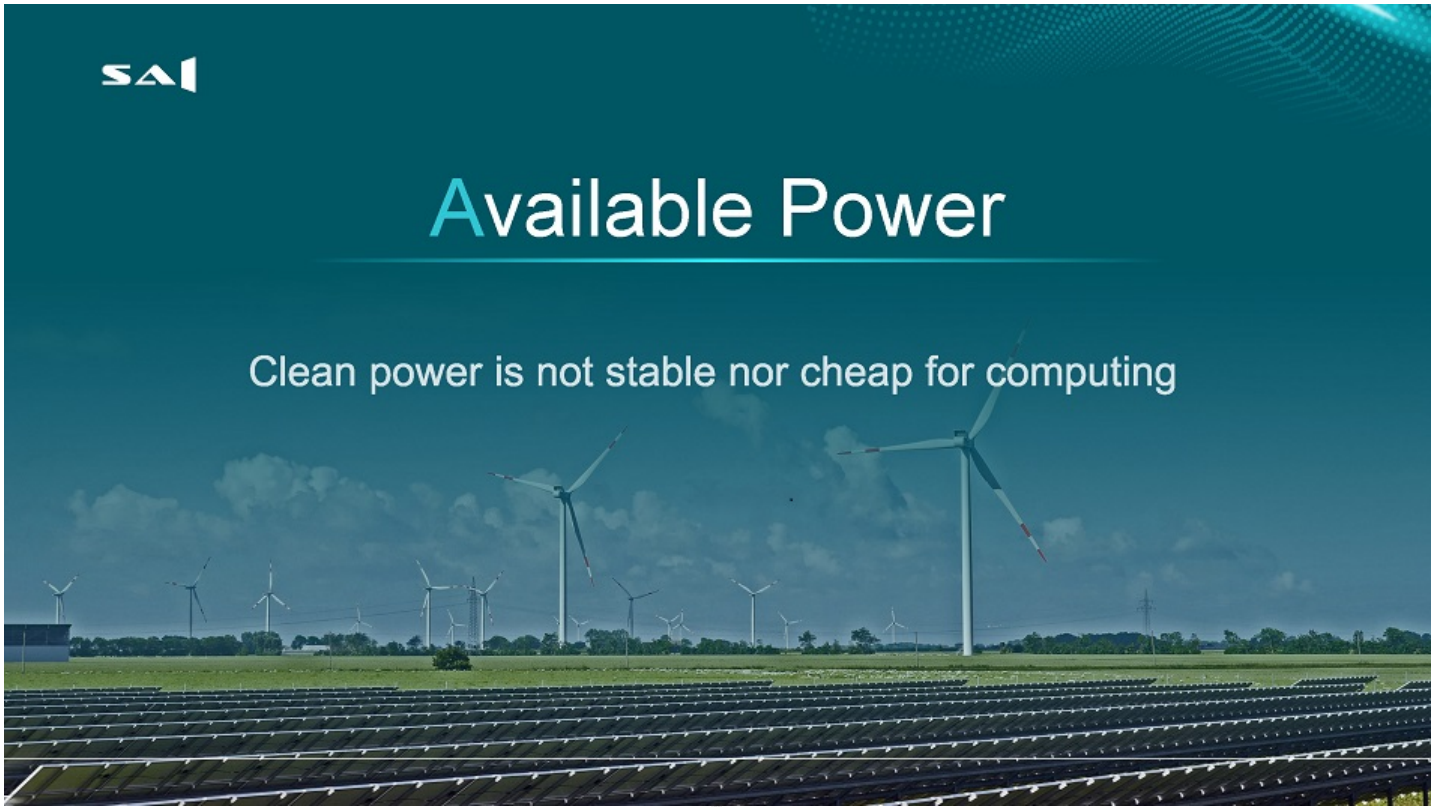

SAI
SAIBTC
Clean mining fund is the better access to BTC

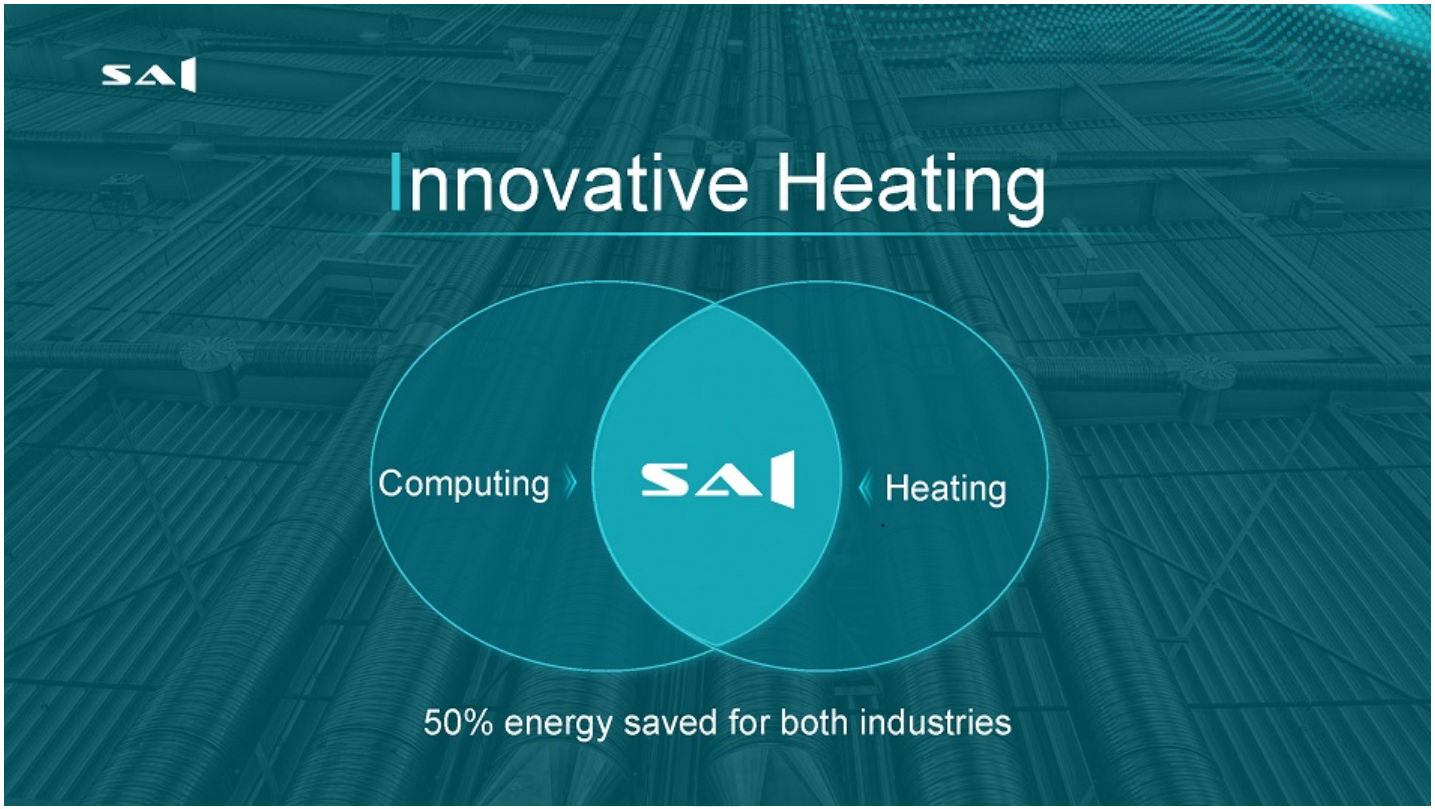

Fund Factor
Participation
Investor
s
Distribution
Procurement allocation
Transportation
Putting on shelves & power-on
Operation and maintenance
Output & distribution
Disposal & circulation

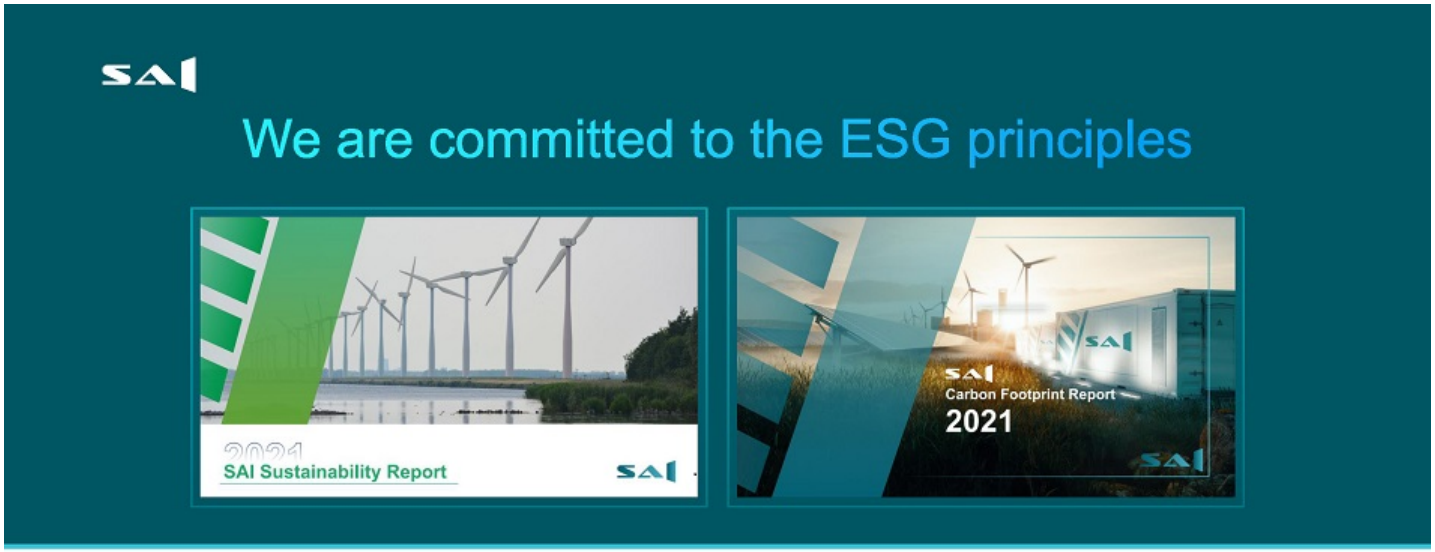

SAILAB
Industry News & Trends


SAI
MISSION
SAI
Sustainable
Mining
Available Power
Innovative Heating


SAI
Sustainable Mining
Energy consumption increases as computing power grows


SAI
Available Power
Clean power is not stable nor cheap for computing


Innovative Heating
Computing
Heating
50% energy saved for both industries



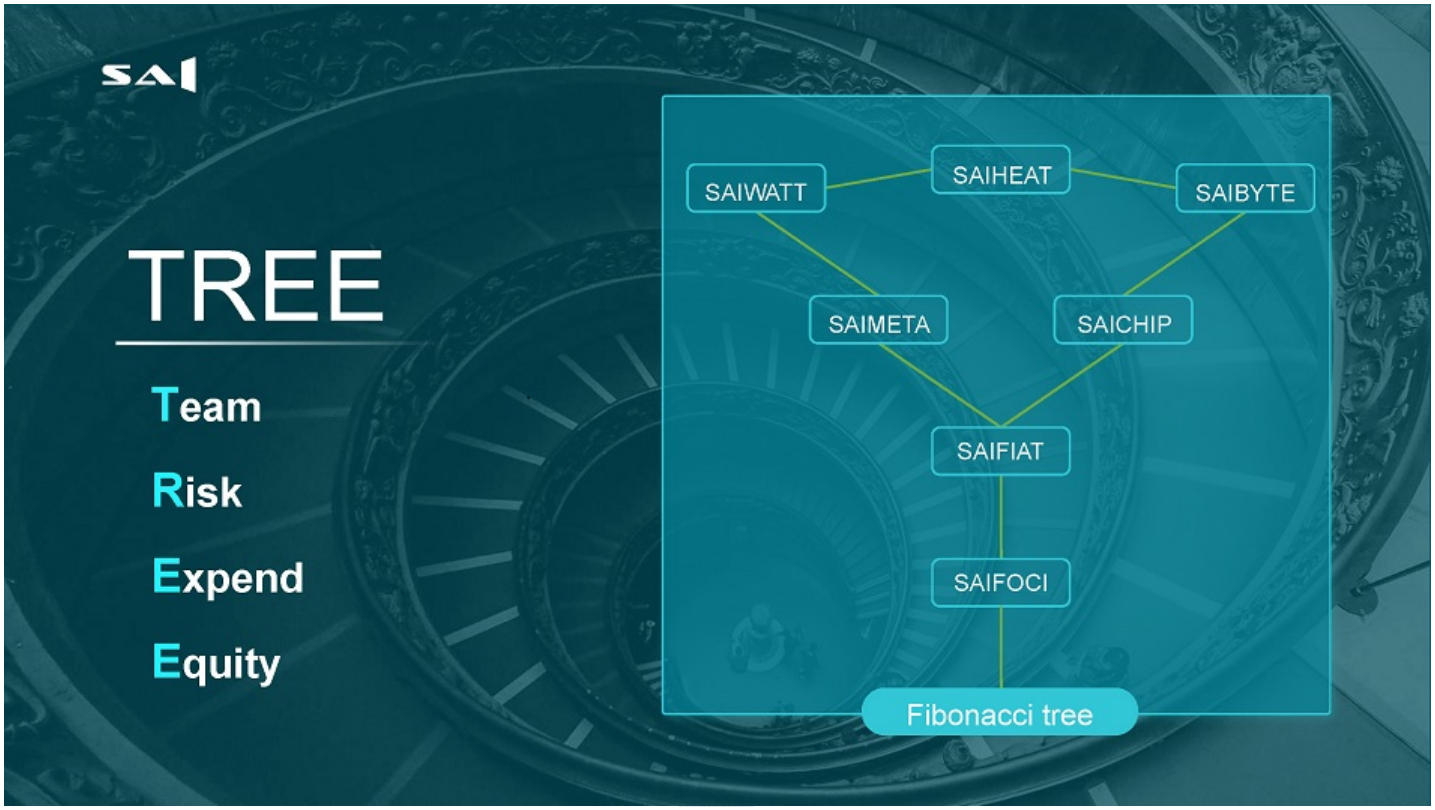
CLIMATE NEUTRAL
MEASURE REDUCE OFFSET NOW

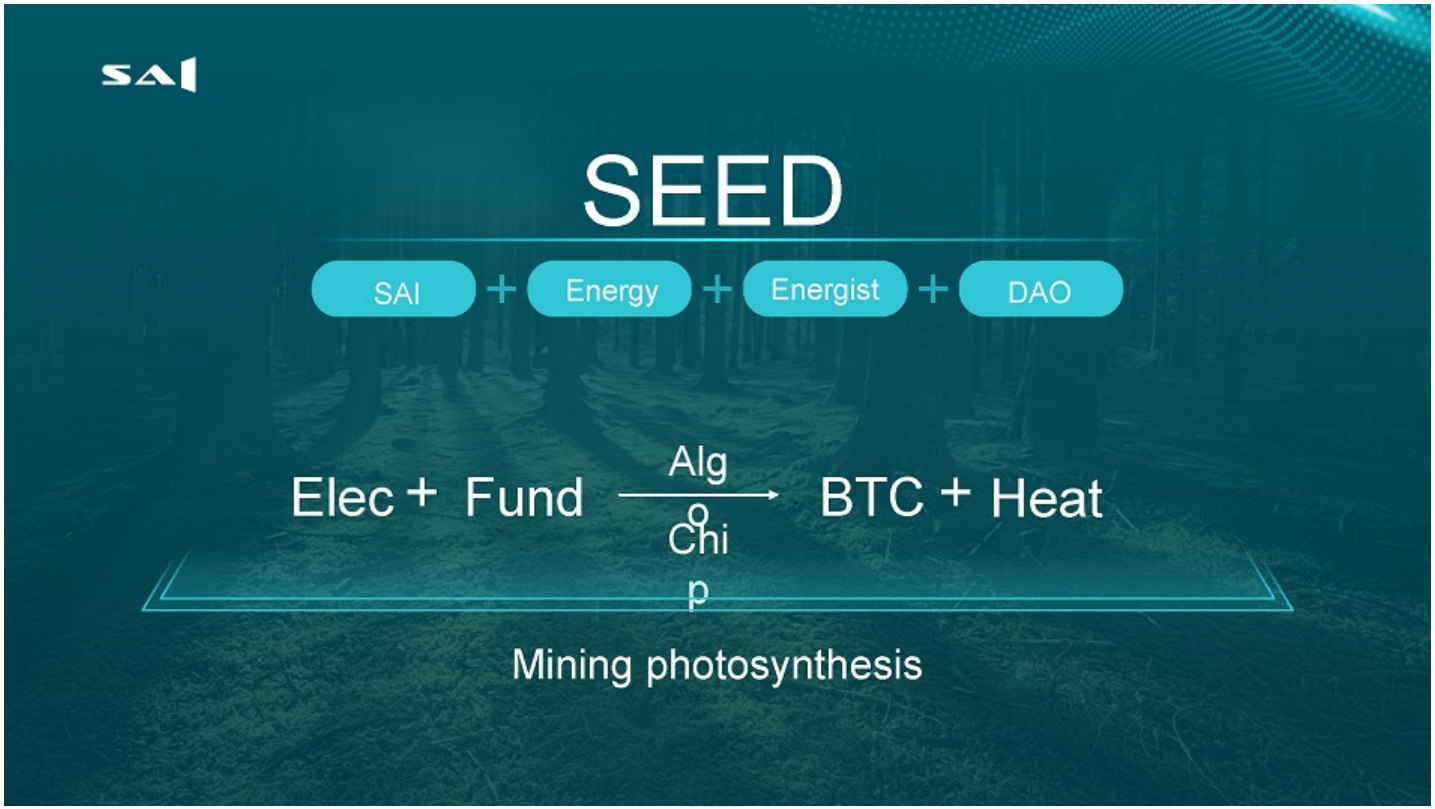
UNFCCC

TCFD TASK FORCE ON CLIMATE-RELATED FINANCIAL DISCLOSURES

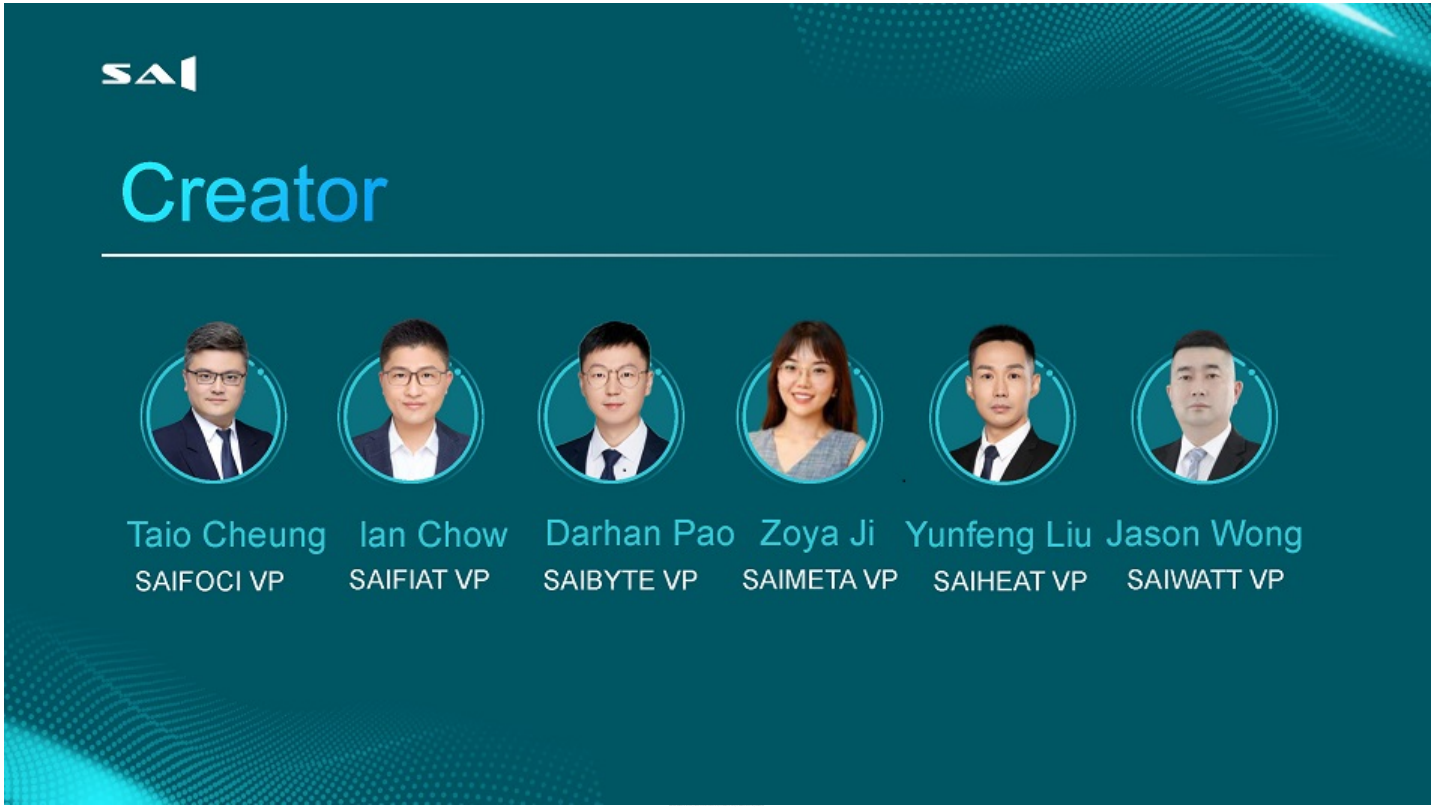
THE CLIMATE PLEDGE

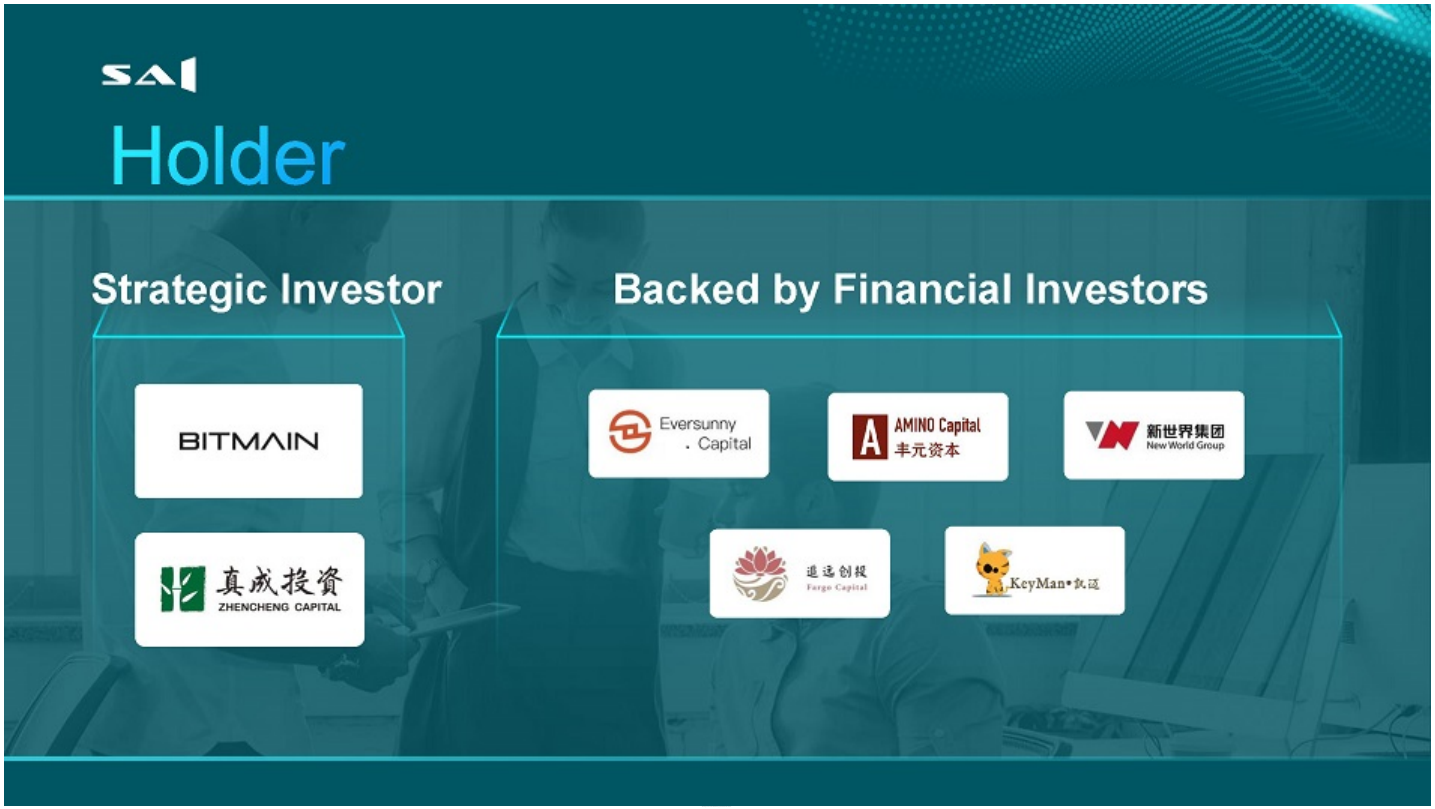

Energist
The open-sourced & decentralized ecosystem


SAI
TREE
Team
Risk
Expend
Equity
SAIWATT
SAIHEAT
SAIBYTE
SAIMETA
SAICHIP
SAIFIAT
SAIFOCI
Fibonacci tree

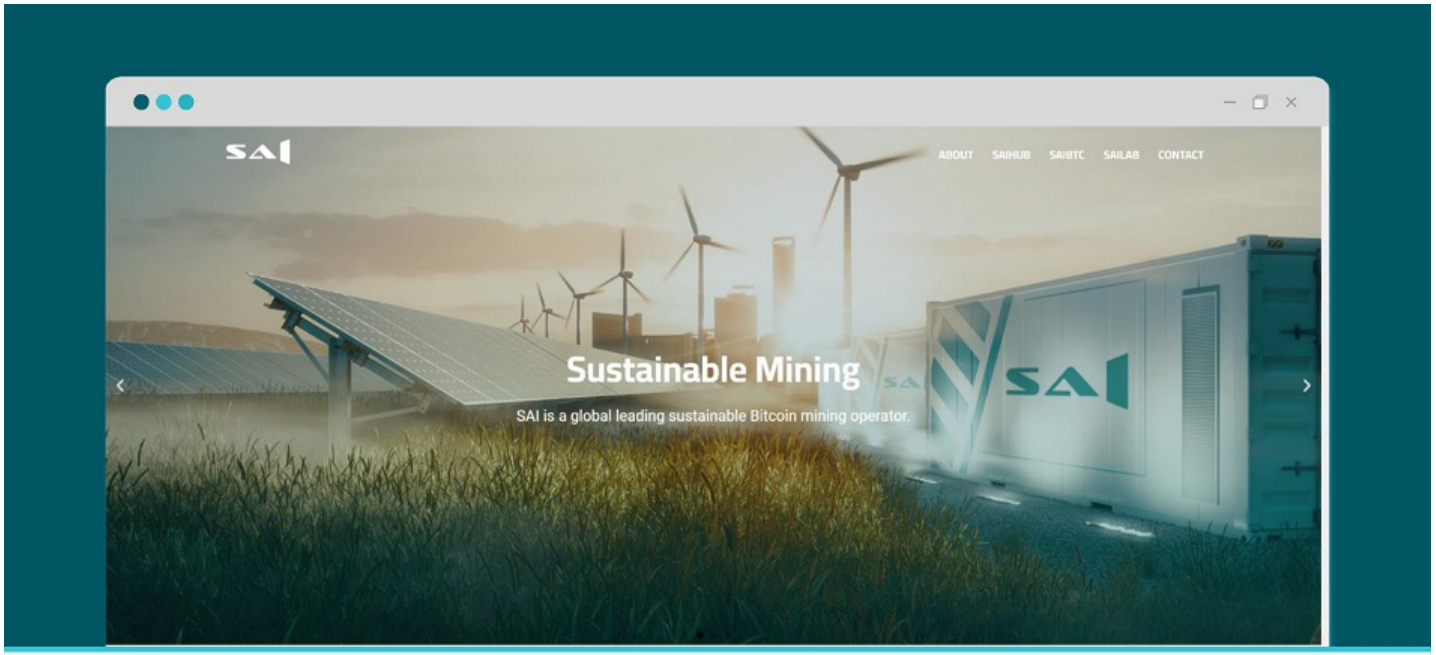

SAI
SEED
SAI + Energy + Energist + DAO
Elec + Fund
Alg
o
Chi
p
BTC + Heat
Mining photosynthesis


SAI
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


SAI
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


Holder
Strategic Investor
Backed by Financial Investors
BITMAIN
真成投資
ZHENCHENG CAPITAL
Eversunny
Capital
AMINO Capital
丰元资本
新世界集团
New World Group
追远创投
Forge Capital
KeyMan


SAI
Builder
Global distribution
Average age 31
Female 40%
18 builders


SAI
ABOUT
SAIHUB
SAIBTC
SAILAB
CONTACT
Sustainable Mining
SAI is a global leading sustainable Bitcoin mining operator.
www.sai.tech