

Ethereum's Ultimate Gift Will Be Birthing Digital Matter

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Biomes



1 lens to view Ethereum is as a more efficient, open, global financial system.

In this lens, you care about:

- stablecoins, RWAs, onchain treasuries
- secure wallets
- private payments

This talk is about an entirely different lens to view Ethereum through.

A lens that is:

- Not about moving our existing world onchain to make it more fair.
- Instead, about creating a totally new & weird world different from what we have today.

Ethereum as a way to make people treat digital objects as if they were real.

Bitcoin was able to birth Digital Coins that people treat like a Real Valuable Coin.

Can we use Etheruem to 100x this and birth Digital Planets that people treat like Real Valuable Planets?

Bitcoin

Scarce Coins

Tamper-Proof IOUs

Digital Planet

Scarce Crops, Wood, Ores,
Land, ...

Tamper-Proof Physics

Just Like Having Lots of Scarce Bitcoin
Grants You Power in Bitcoin's World...

Controlling Lots of The Scarce Matter
Grants You Power on a Digital Planet...

Bitcoin (Digital Wood) on AWS can only be worth so much, but Bitcoin (Digital Wood) with true scarcity & tamper proof rules using blockchains can be worth...



[WASD] FaultProofBen
\$31K per Sakura



[WASD] FaultProofBen
Sakura to \$1 bil MC



zoiko Yesterday at 3:48 AM
sakura, sakura



Megashi (Tree, Tree) 11/06/2024 12:30 PM
Sakura is digital wood, and you can build a Holy Tree with it, and then mint as a NFT. You can fractionalize the NFT and then, the Holy Tree is tokens. But not any token, a token back by Sakura on chain. Provably.



Megashi (Tree, Tree) 11/04/2024 3:31 PM
The Holy Sakura must be provable on chain or none of this matters



Vanir 11/05/2024 5:50 PM
sakura owners be like byakuya niichan



Black Mirror Designer 10/20/2024 7:57 PM
oh wow sakura is actually impressivly expensib

To Make Things Concrete, We'll Use Biomes
As a Case Study

On The Surface, Biomes is Minecraft with **EVERYTHING** onchain (first time ever):

- Items
- Players
- Physics
- Actions (even movement)





Man I get so distracted in this game
I spent like 5 hours in creative mode working on a tower lol

I love the dopamine hits when you find rare resources
Im totally not addicted at all

We are grinding Biomes hard. You can sell what you gather in their "Bazaar" and get the \$SUB token.
I think it will moon.

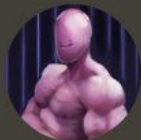
⚡ 1 🤖

Biomes made a huge update to the game, Im currently grinding it 8+ hours per day and mining deep into the world for the rare resources.
These resources can be sold in a shop in-game called 'The Bazaar', and you sell them for \$SUB Token.

I currently have 19K \$SUB tokens, took me about 3 days

As always, being early is rewarded, the earlier you start

Network	Block	TPS	Mgas/s	KB/s	Stack	DA	Settlement
Base	22019737	109.3	15.44	50.70	op-stack	blobs	ethereum
*G2 ProofOfPlay - Apex	62865997	13.7	12.32	9.26	arb-nitro	anytrust	arbitrum
Xai	55195371	188.2	11.14	42.73	arb-nitro	anytrust	arbitrum
*G2 ProofOfPlay - Boss	21250767	10.6	7.60	6.76	arb-nitro	anytrust	arbitrum
Redstone	9321867	1.4	6.20	3.22	op-stack	plasma	ethereum



DittoJo Today at 12:35 PM

Biomes feels like Ethereum but more playful

100

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Let's Dig Deeper on Why People Are So
Excited About Biomes...

Biomes is a Digital Planet, the same way
Bitcoin is a Digital Coin

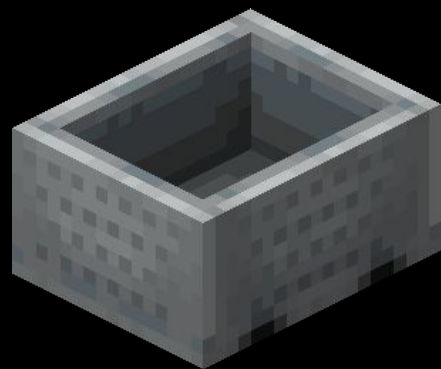
You Have Provably Scarce Matter (coal, ore,
wood, etc) & Tamper-Proof Physics

Similar to how folks use smart contracts to
build on top of Ethereum

Folks use smart items to build real
economies on top of Biomes

Items - With Functionality In The World - That Can Be Programmed With Smart Contracts.





The Bazaar



WASD Swap



Sakura Temple



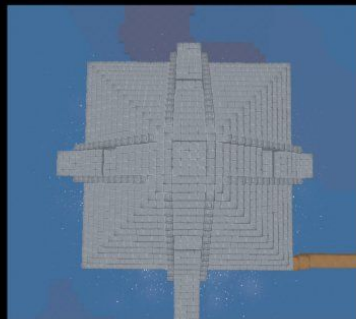
The Castle Hotel



Sakura Inn



The Pyramid Arena



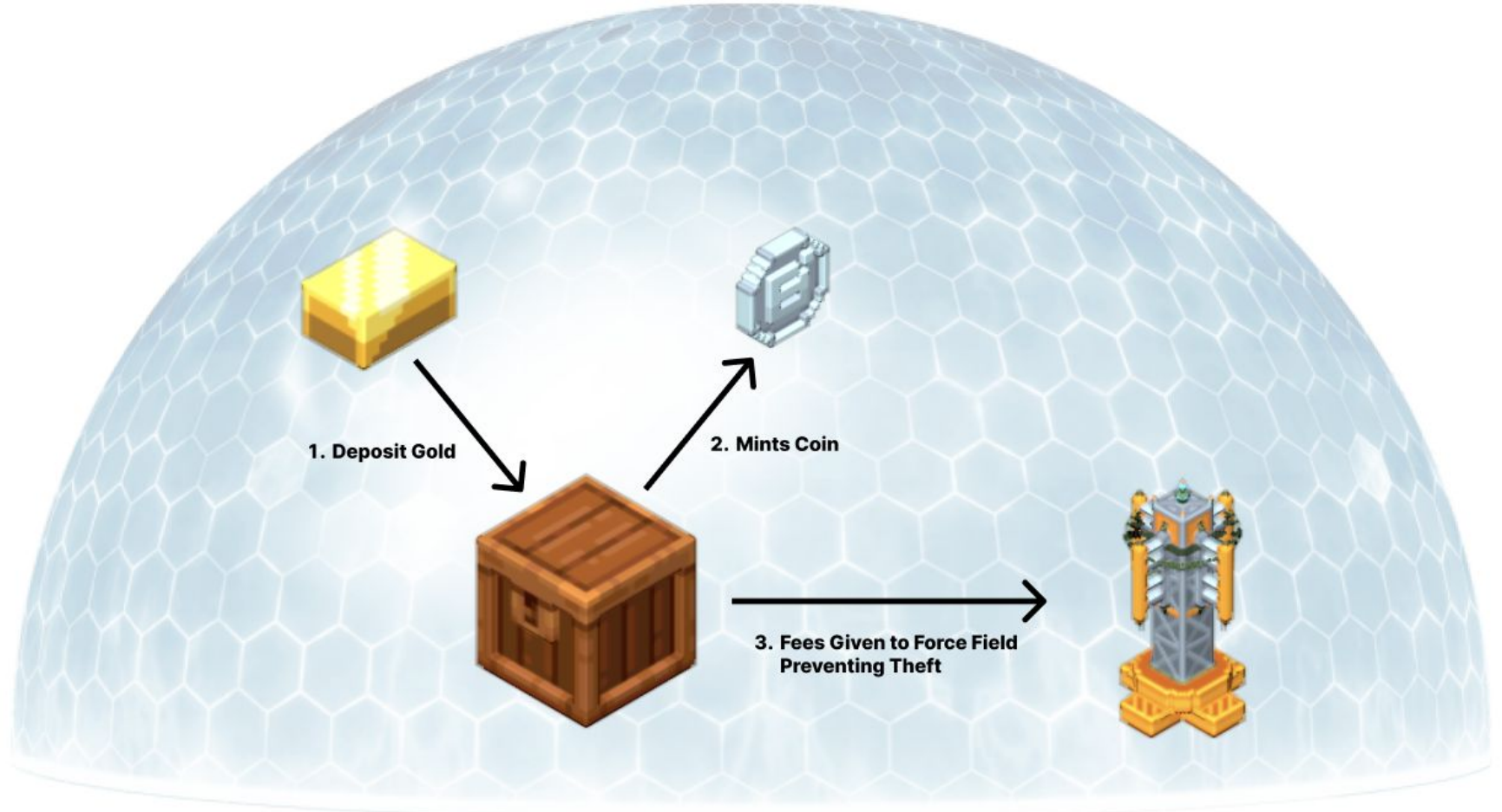
Parkour Challenge



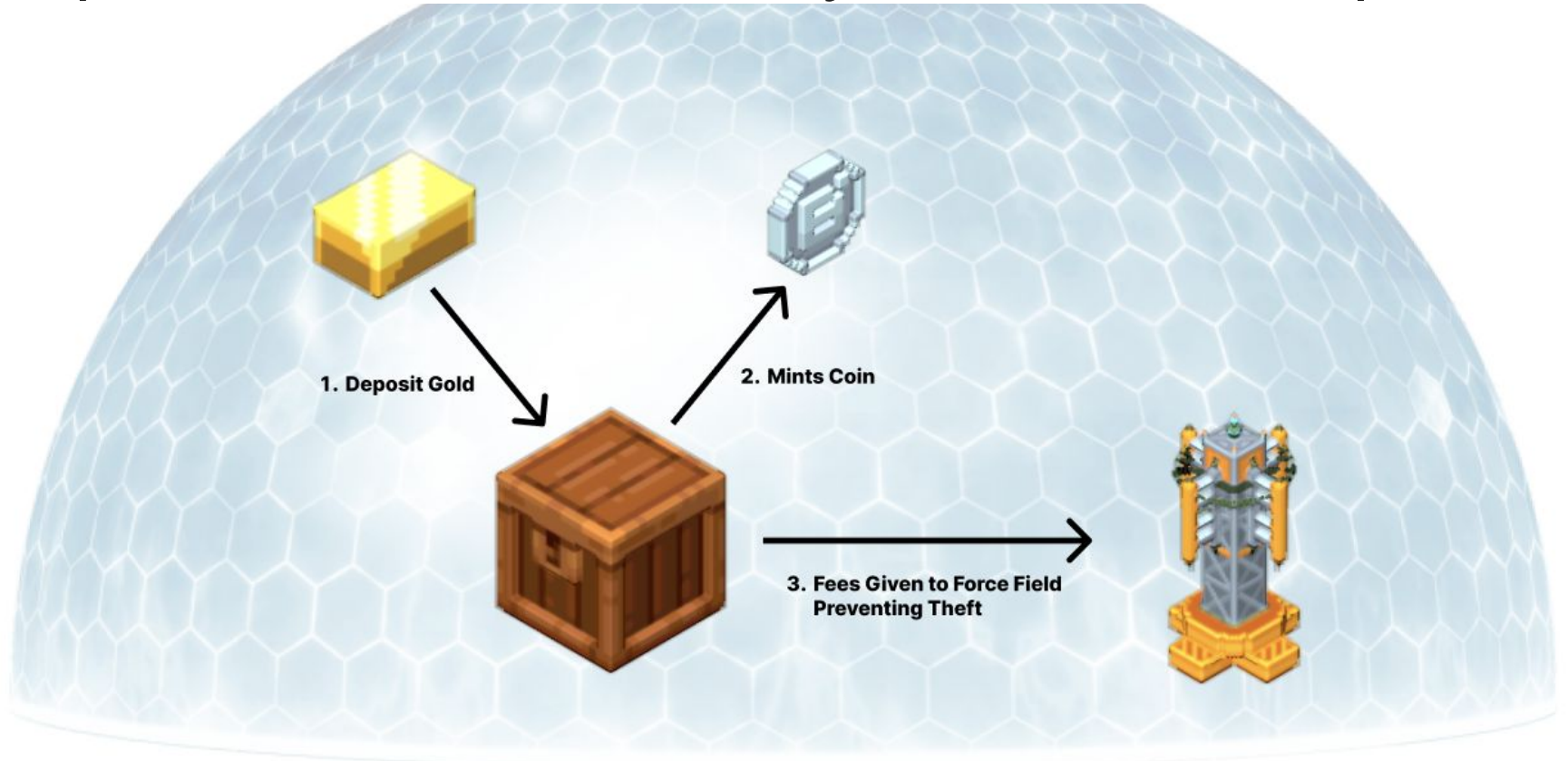
With Scarce Matter, Tamper Proof Physics &
Smart Items...

A Crazy New Asset Class & Economy is
Being Born inside Biomes

Force Field Protected Gold Reserve



If Coin Rises in Price... Provable Gold Scarcity & Tamper Proof Force Field Physics Become Important



Old Asset Class

- Own & Trade Land NFTs
- If You Have NFT, You Have Total Forever Ownership of That Land
- Hyperrational Financial Speculation



New Asset Class

- To protect land, build a military
- Tokenize and sell the land you protect
- Token only worth anything as long as the military is active
- Players have to grow a digital military to maintain value of the land tokens they sold

A Crazy New Asset Class

**Enabled By Digital Matter &
Smart Items**

**Is Unlocking Biomes & Soon
AWs Broadly**

Zooming Out From The Biomes Case Study...

We're Seeing How Ethereum Can Eventually Birth Worlds We Don't Physically Inhabit, But Still Treat As Tremendously Real & Valuable

Unlike Bitcoin's scarce digital coins and tamper-proof IOUs, AWs will have scarce digital matter and tamper-proof physics.

Inhabitants will use smart items - tangible forms of smart contracts - to grow digital economies with unimaginably large GDPs.

***If AWs Grow Billion \$ GDPs
and Autonomous Agents
Start Living Inside ...***

They Will Value

Scarce Digital Matter Inside The AWs
(Which They Live In)

Much More Than “Coins” From Our World
(Which They Can't Live In)

And The Future Will Get Crazy...

AGIs only accept sakura for payment

3:24 PM ✓

They don't believe in coins

3:24 PM ✓

in 2027, minecraft is our only comms channel to asi agents, and when we seek wise counsel, we travel into their servers and journey to their lands/homes and bring them gifts like glowstone in exchange for minecraft books containing the riemann hypothesis solution



Skylar ✓
@skylar_eth

first: unstoppable minecraft

next: unstoppable lifelike simulations with unalterable digital physics
roamed by AI cryptomata who believe they are as sentient as we believe
we are

<https://biomes.aw/> to see this all unfold



Thank you!

Dhrumil Shah

@biomesaw

@dhrunym

