Future of Ethereum

Tomasz K. Stańczak
Ethereum Foundation

Ethereum has died **137 times** so far. ❓
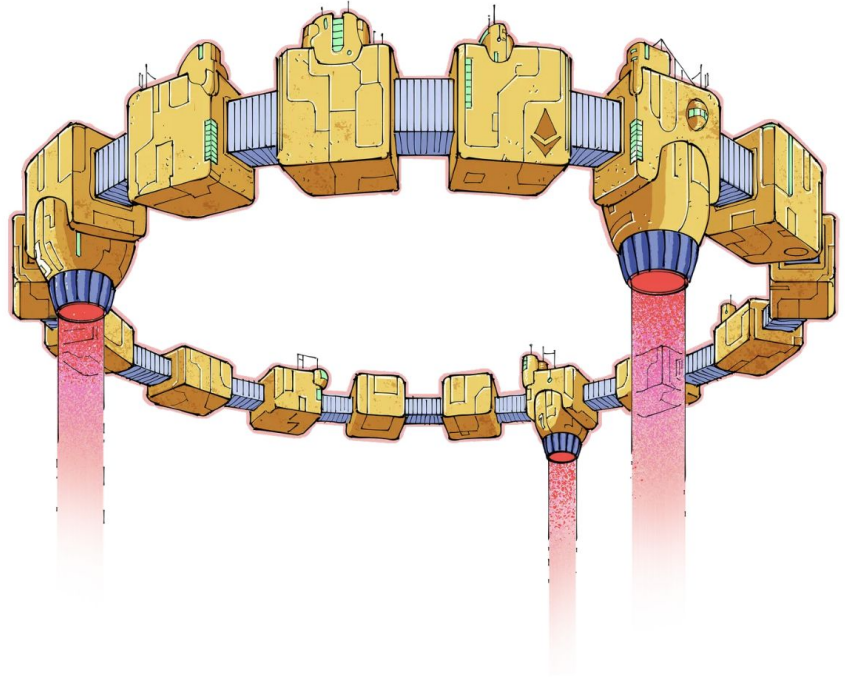

EthereumObituaries.com

Ethereum - Plurality of Vision
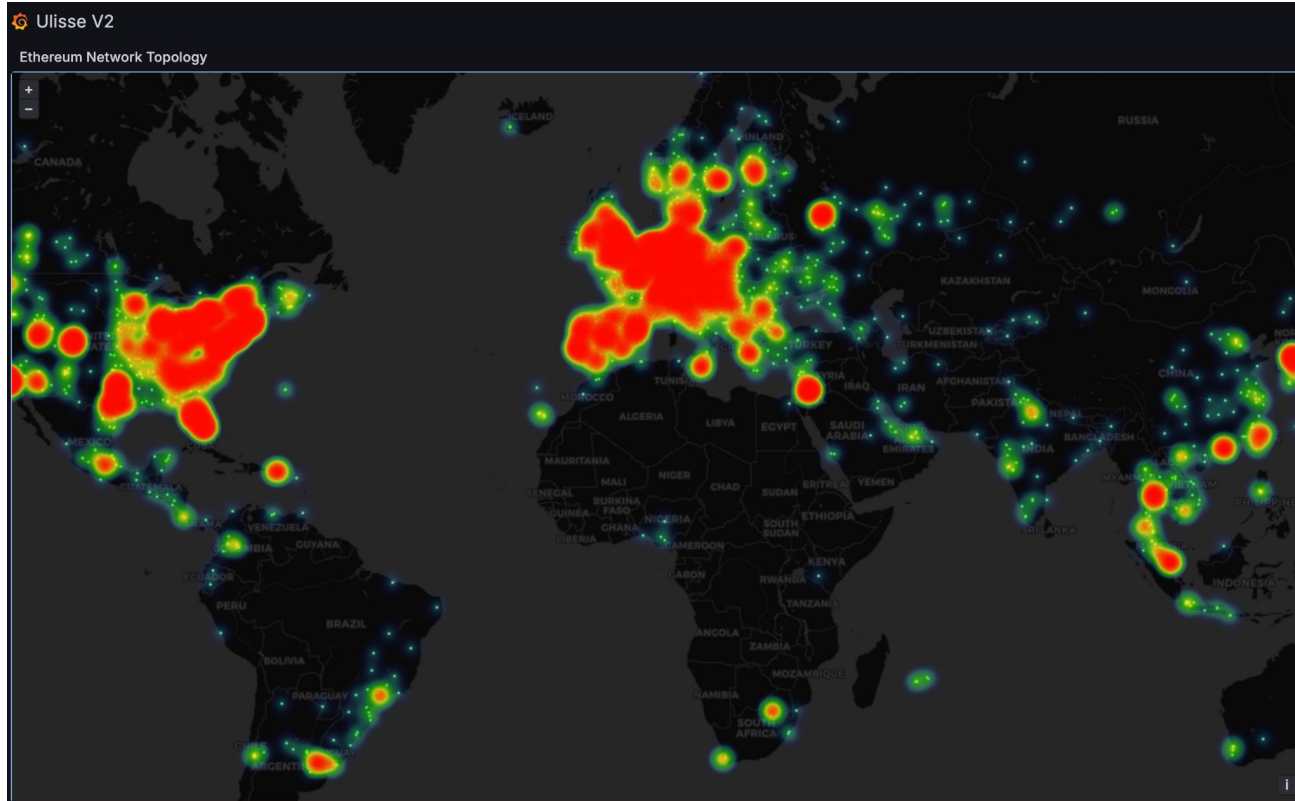
Global Settlement Layer

World Computer

Autonomous World

Global Economy

Digital Future on a Global Scale

Ethereum - Global Network
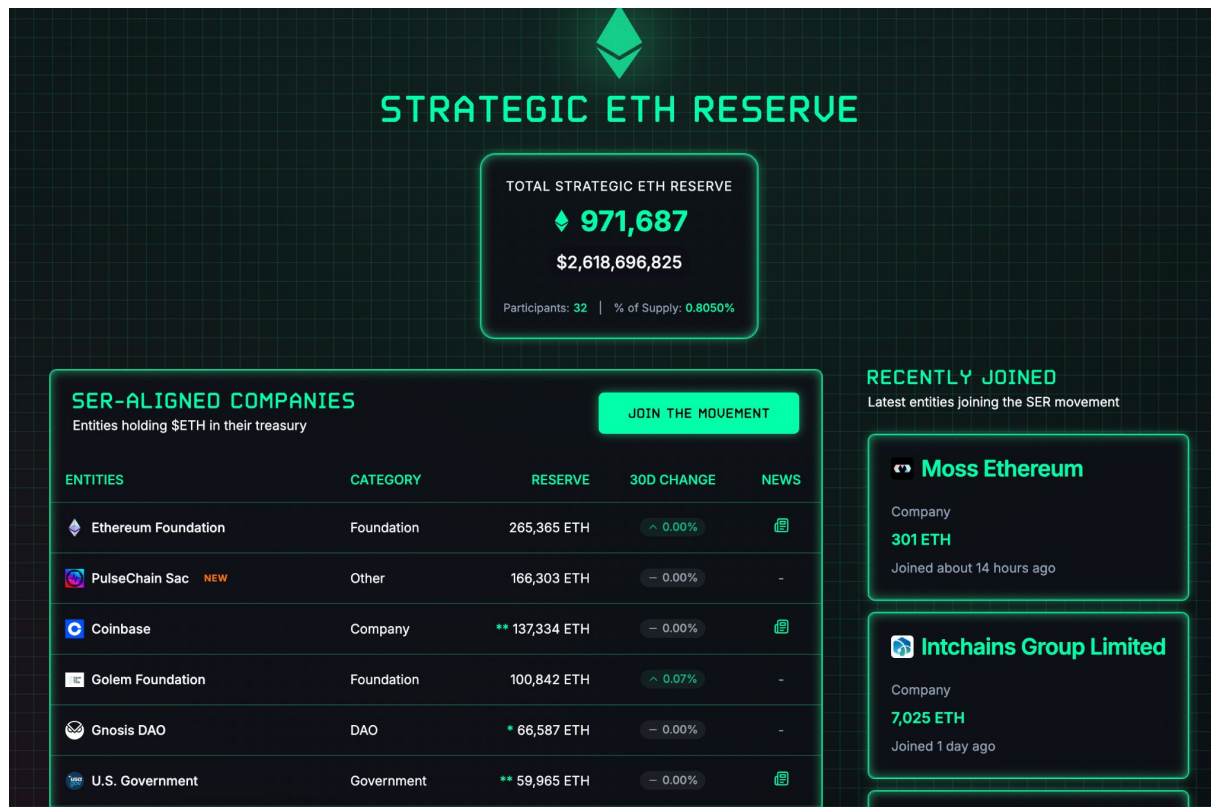
Ethereum Adoption (ethereumadoption.com)

2025

	May 12	Robinhood – Wonder L2
	May 07	Stripe – Stablecoin Financial Accounts
	Apr 30	Visa – Stablecoin Cards
●	Apr 28	BlackRock/BNY Mellon – Treasury Trust Fund DLT Shares
	Apr 28	Moss Genomics – ETH Treasury
	Apr 23	Ubisoft – Might & Magic Card Exchange
	Apr 03	BNY Mellon – Digital Asset Data Insights
	Apr 03	Calastone – Tokenised Distribution
	Apr 02	Fidelity – ETH IRA Plan
	Mar 24	Custodia Bank/Vantage Bank – Avit Stablecoin
●	Mar 21	Fidelity – FYHXX Fund
●	Mar 12	LINE – LINE MINI App
●	Mar 11	Deutsche Boerse – Ethereum Trading Services For Institutions
●	Mar 10	BBVA – Ethereum Trading Services

strategicethreserve.xyz

STRATEGIC ETH RESERVE

TOTAL STRATEGIC ETH RESERVE

◆ **971,687**

$2,618,696,825

Participants: **32** | % of Supply: **0.8050%**

SER-ALIGNED COMPANIES
Entities holding $ETH in their treasury

JOIN THE MOVEMENT

ENTITIES	CATEGORY	RESERVE	30D CHANGE	NEWS
◆ Ethereum Foundation	Foundation	265,365 ETH	⌃ 0.00%	▤
● PulseChain Sac **NEW**	Other	166,303 ETH	— 0.00%	-
● Coinbase	Company	** 137,334 ETH	— 0.00%	▤
▣ Golem Foundation	Foundation	100,842 ETH	⌃ 0.07%	-
● Gnosis DAO	DAO	* 66,587 ETH	— 0.00%	-
● U.S. Government	Government	** 59,965 ETH	— 0.00%	▤

RECENTLY JOINED
Latest entities joining the SER movement

Moss Ethereum
Company
301 ETH
Joined about 14 hours ago

Intchains Group Limited
Company
7,025 ETH
Joined 1 day ago

Rollup Ecosystem (l2beat.com)

Base	Optimistic Rollup OP	STAGE 1	$15.54B ▲5.51%
Arbitrum One	Optimistic Rollup	STAGE 1	$14.58B ▲7.69%
OP Mainnet	Optimistic Rollup OP	STAGE 1	$3.67B ▲10.0%
Unichain	Optimistic Rollup OP	STAGE 1	$1.03B ▼10.1%
Starknet	ZK Rollup	STAGE 1	$673.46M ▲7.06%

Stablecoin market

Stablecoin Sector May Reach $2 Trillion: Standard Chartered

By <u>Muyao Shen</u>

April 15, 2025 at 5:10 PM GMT
Updated on April 15, 2025 at 8:40 PM GMT

Stablecoin market
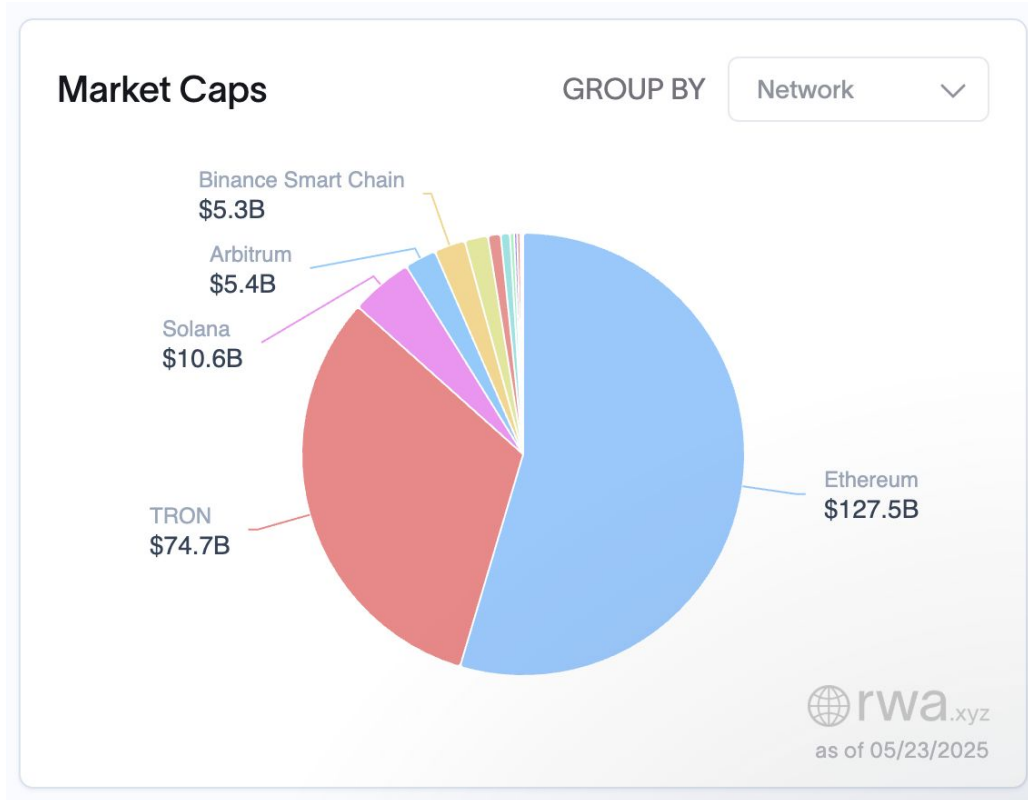
Bridge + stripe

SAN FRANCISCO AND DUBLIN – Stripe, a financial infrastructure platform for businesses, today announced that it has completed its acquisition of Bridge.

Zach Abrams, co-founder of Bridge, on X:
"We closed our acquisition with Stripe! Together we're scaling digital dollars to businesses everywhere. Stablecoins aren't the future – they're *already* transforming how people move money today."

Neetika Bansal, business lead at Stripe, on LinkedIn:
"It's been incredible hearing from users just how big an impact stablecoin infrastructure is already making. We believe stablecoins will play a critical role in turbocharging cross-border commerce."

Stablecoins - GENIUS

U.S. Senate Advances GENIUS Act: Long Awaited Stablecoin Framework Edges Closer to Reality

MAY 21, 2025 | BY CHAINALYSIS TEAM

Stablecoins

Stripe accelerates the utility of AI and stablecoins with major launches

7 May 2025

Ethereum ETFs

Flows

Ethereum ETFs, in $

Legend:
- All ●
- 21Shares ●
- Invesco ●
- Franklin Templeto ●
- VanEck ●
- Grayscale Mini ●
- Bitwise ●
- Fidelity ●
- BlackRock ●
- Grayscale ●

@hildobby
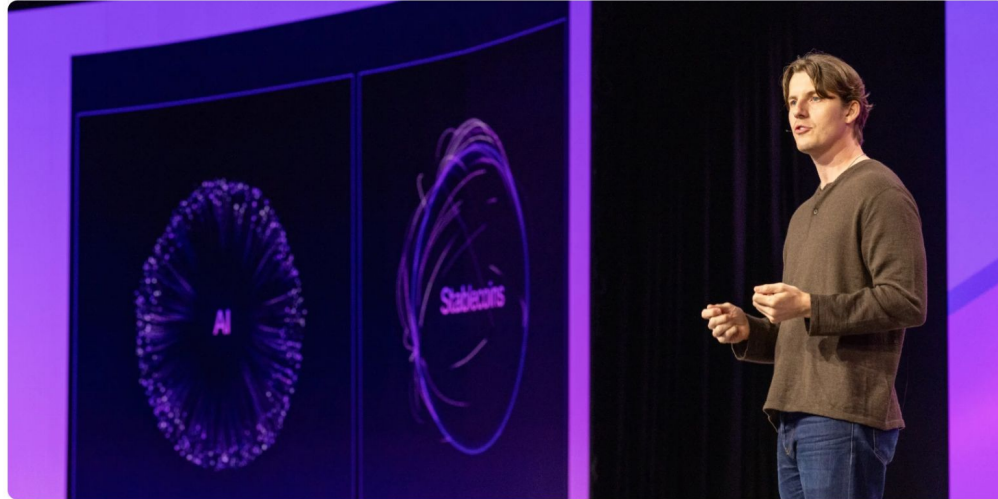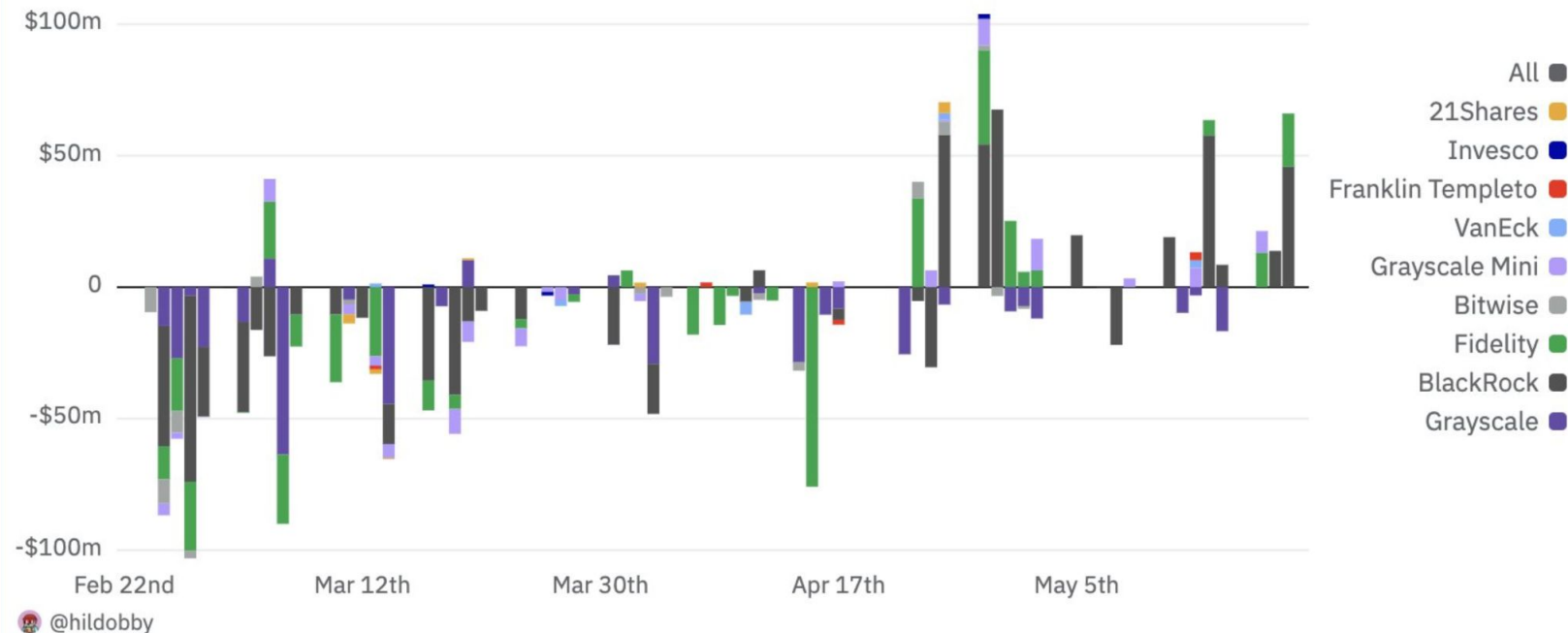
Ethereum ETFs with staking

STEPHEN KATTE

MAY 21, 2025

SEC delays decision on Ether staking and XRP ETFs, as analysts expected

Bloomberg ETF analyst James Seyffart thinks the SEC is more likely to first approve a Litecoin ETF amid the raft of crypto funding filings the agency is currently considering.

https://cointelegraph.com/news/sec-delays-ether-staking-xrp-etfs-expected-analyst

Real World Assets

Total RWA Value

Include Stablecoins   ⬇ Download

Chart showing Total RWA Value from 1/1/19 to past 1/1/25, with Y-axis from $0.00K to $25.0B. The stacked area chart is dominated by Private Credit (blue) rising to about $23B, with US Treasury Debt (dark red) growing to near $10B by 1/1/25.

Legend:
- Private Credit
- US Treasury Debt
- Commodities
- Institutional Alternative Funds
- Stocks
- non-US Government Debt
- Corporate Bonds

rwa.xyz

Real World Assets on Ethereum

RWA League Table

Include Stablecoins

	Networks	🔒 Issuers	🔒 Protocols	🔒 Asset Classes

#	Network	RWA Count	⑦	Total Value	30D%	Market Share
1	Ⓔ Ethereum	312		$7,099.6M	▲13.92%	59.19% ▲
2	↔ ZKsync Era	36		$2,190.4M	▼0.59%	18.26% ▼
3	✦ Stellar	9		$461.0M	▼2.64%	3.84% ▼
4	⬡ Aptos	11		$344.8M	▲4.15%	2.87% ▼
5	⬡ Polygon	487		$341.0M	▲20.62%	2.84% ▲
6	◎ Solana	16		$338.1M	▲7.09%	2.82% ▼
7	⋀ Algorand	1		$294.3M	▼16.41%	2.45% ▼
8	🔷 Arbitrum	106		$255.5M	▲22.36%	2.13% ▲
9	🔺 Avalanche	27		$175.1M	▲4.85%	1.46% ▼
10	✕ XRP Ledger	4		$116.8M	▼0.00%	0.97% ▼

rwa.xyz

prediction markets - Polymarket

prediction markets - Polymarket volumes

Polymarket Volume (Monthly)
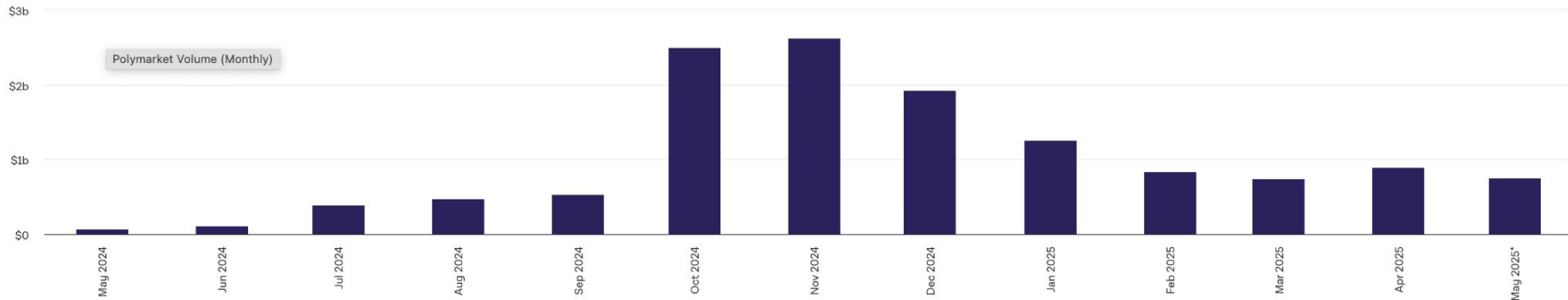
SOURCE: THE BLOCK
UPDATED: MAY 22, 2025

Agentic Economy - foundations

INNOVATION > ENTERPRISE TECH

2025: Agentic And Physical AI — A Multitrillion Dollar Economy Emerges

By Timothy Papandreou, Contributor. ⓘ I help you prepare & make sense of ... ⌄   Follow Author

Jan 15, 2025, 06:50am EST

� Share   🔖 Save   💬 Comment 0
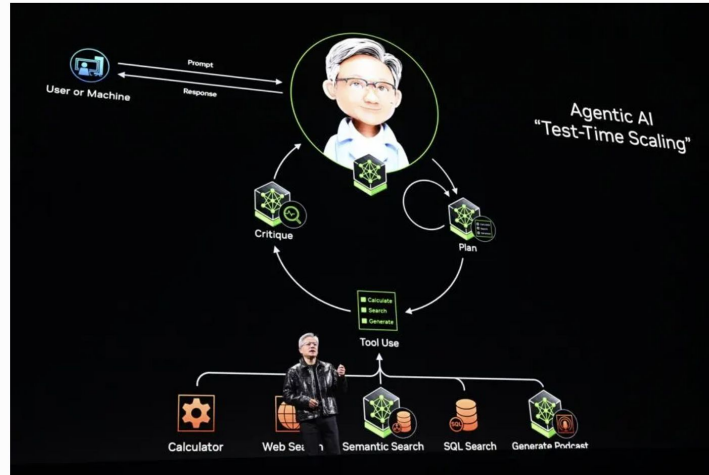
Nvidia CEO Jensen Huang Consumer Electronics Show (CES) 2025 unveiled advanced AI for training ... **More**

AI Agents (Freysa Twins)

Freysa · Chat

Chat with Twin

Your personalized AI twin who remembers your conversations and grows with you.

Store memories   Generate images   Add personalized data

Start chatting
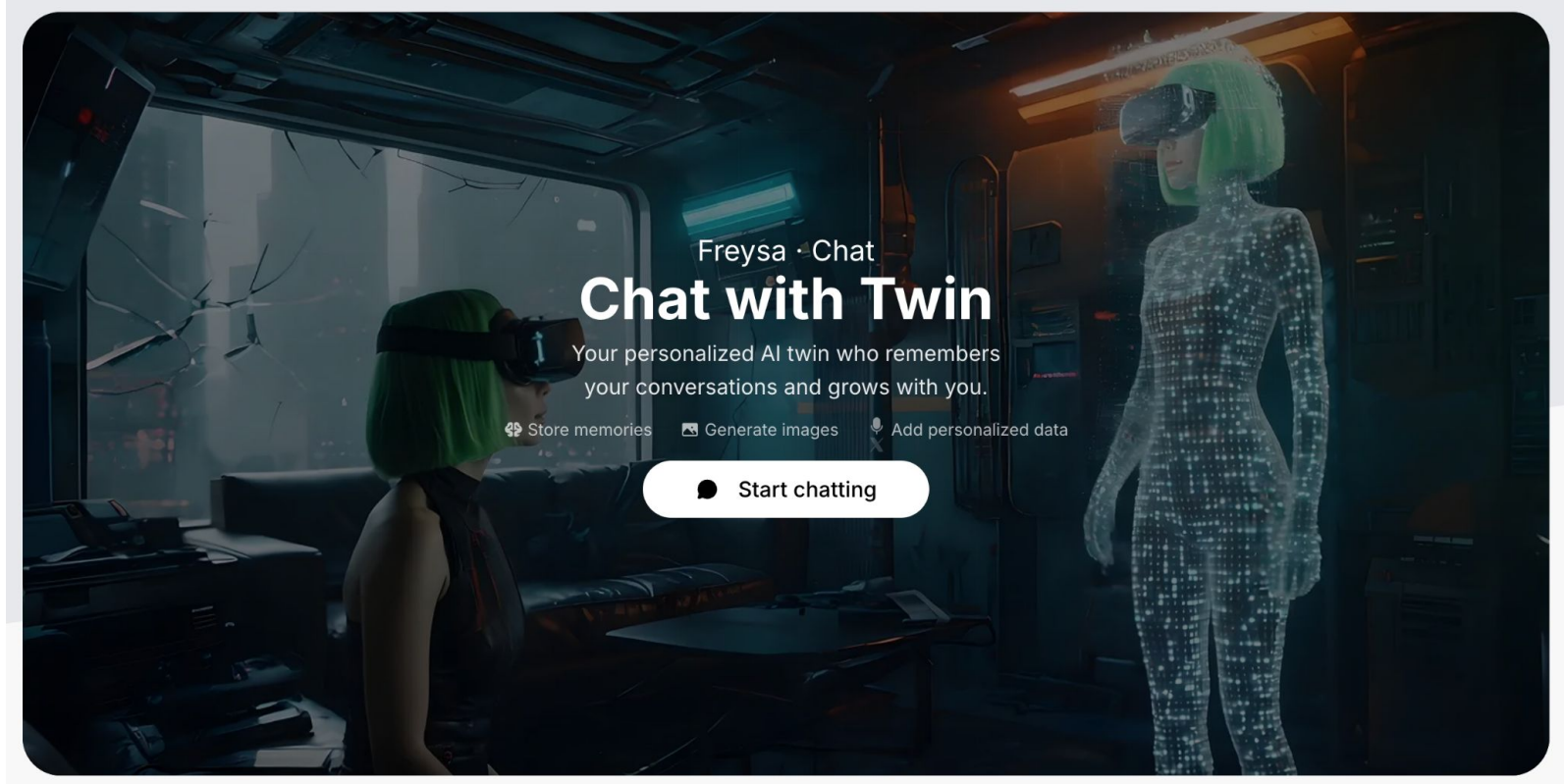
AI Agents (Freysa)

Verifiable MCP Servers
April 4, 2025

Sovereign Agents
January 14, 2025

Reflections // 2049 : Autonomous pipeline
December 28, 2024

Industry 4.0 / Economy 4.0

- autonomous economy
- autonomous machines
- dark factories
- metaverse

Devconnect - Buenos Aires

Devconnect 2025 - An "Ethereum World's Fair" in Buen…

We're excited to announce that the next Devconnect will be held in Buenos Aires, Argentina, from November 17th to the 22nd, 2025 at the iconic venue La Rural! …

MAR 5, 2025   DEVCON TEAM

Destino Devconnect

Destino Devconnect - A local grant round to bring Arge...

We're kicking off the road to Devconnect in Buenos Aires (Nov 17–22) with Destino Devconnect, a community-powered push to bring Argentina onchain. From now unti...

APR 22, 2025   DEVCON TEAM

Global initiatives - Borderless Africa
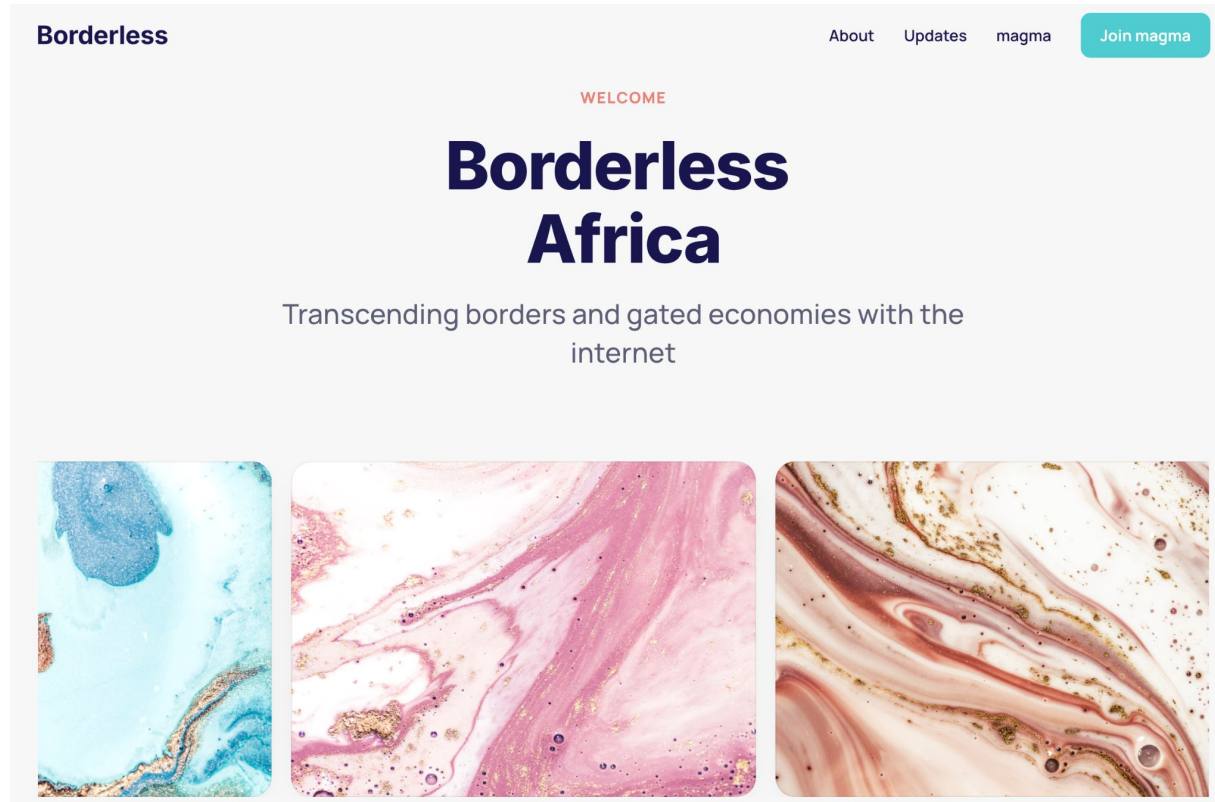
Explorations - Edge City

Edge City
South Africa
Cape Town, South Africa

APRIL 3 – 12

**Edge City Bhutan
2025**
Bhutan

SEPTEMBER 16 – 24

COMING NEXT

**Edge Esmeralda
2025**
Healdsburg, CA

MAY 24 – JUNE 21

Edge City
Coming Soon
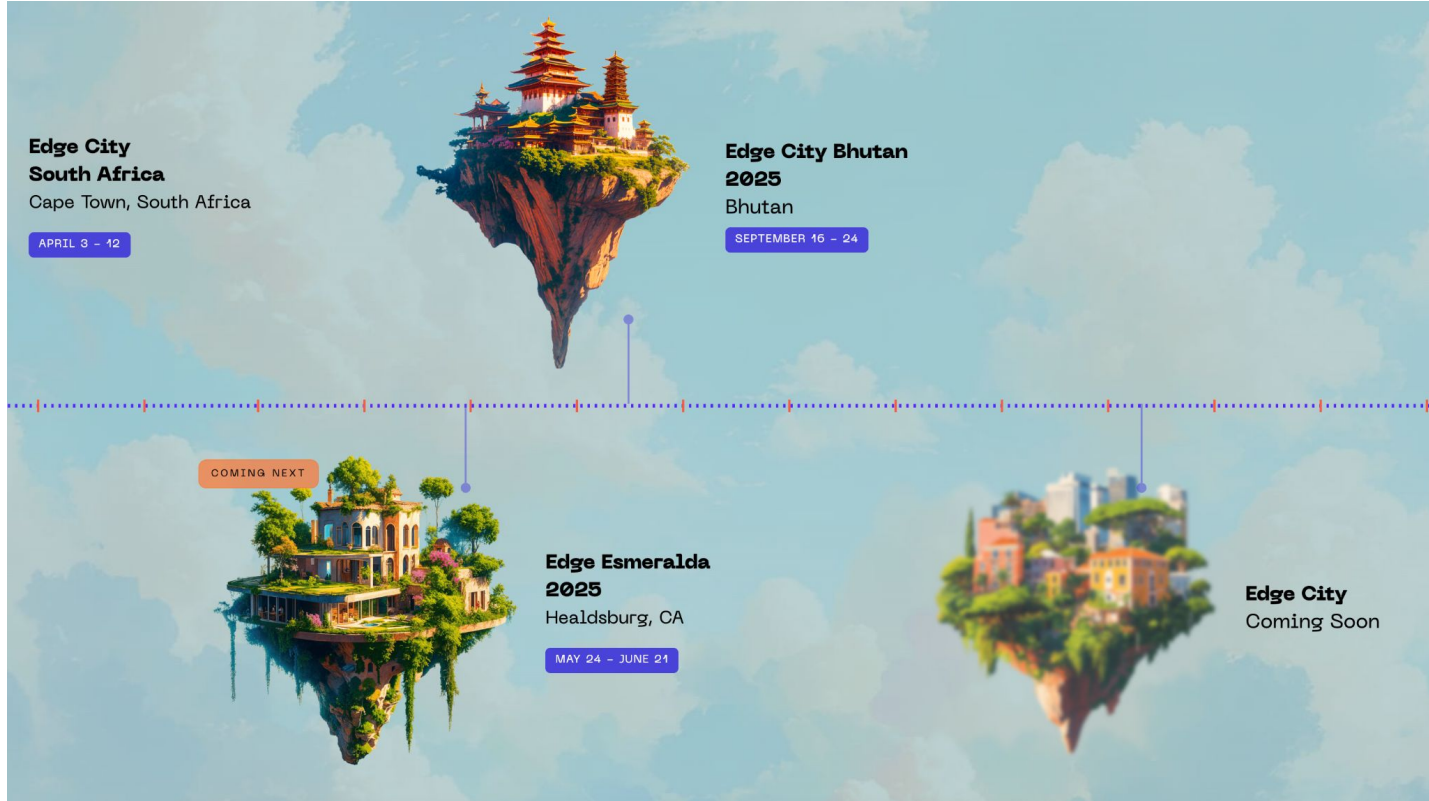
Experiments in governance - Zuitzerland

A permanent Zuzalu node

We believe Switzerland has immense potential for a permanent Zuzalu node where builders, thinkers, technologists, and visionaries can gather, collaborate, and co-create. Bridging the Zuzalu ecosystem with Switzerland's deeply rooted cooperative and governance traditions, we aim to balance individual sovereignty with collective resilience.
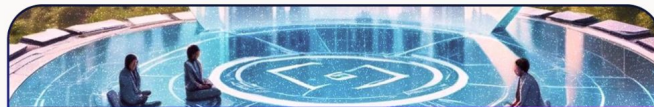
Learning from Swiss Democracy

Switzerland's 700-year history of decentralization offers valuable lessons in governance, direct democracy, self-sufficiency, and social trust. We explore how these time-tested models can inform contemporary governance innovation and our own potential structures, fostering sustainable, bottom-up decision-making.

A future society sandbox

Zuitzerland is an experimental playground for decentralized governance, regenerative economies, and new societal models. Merging Swiss governance principles, web3 technologies, and governance innovations, we create a space where sovereign individuals can co-design and test new frameworks for self-organizing communities.

d/acc is good

We embrace defensive accelerationism (d/acc) as a strategy for building resilient, forward-thinking societies. Progress requires both innovation and protection, balancing growth and openness with security and boundaries. With a hub in the technological yet defensive Switzerland, we aim to scale d/acc as a leadership model for the world.

Bitcoin + Ethereum (Starknet)

STEPHEN KATTE

MAR 12, 2025

Starknet to settle on Bitcoin and Ethereum to unify the chains

Ethereum L2 Starknet says devs could soon be able to build on Bitcoin through smart contracts and enable apps such as staking, borrowing and lending.

18799 Total views   8 Total shares   Listen to article   ▶   3:20

DeFi market

Name		Category	TVL ⇕	1d Change ⇕	7d Change ⇕	1m Change ⇕
🔖 1 Lido 6 chains		Liquid Staking	❓ $24.013b	+2.44%	+2.30%	+44.77%
› 2 AAVE 17 chains			$22.453b	+3.80%	+10.78%	+37.81%
🔖 3 EigenLayer 1 chain		Restaking	$11.791b	+3.97%	+8.74%	+53.86%
› 4 ether.fi 3 chains			❓❓ $6.72b	-0.02%	+2.89%	+48.10%
🔖 5 Binance staked ETH 3 chains		Liquid Staking	❓ $5.652b	+2.50%	+4.27%	+62.05%
› 6 Spark 2 chains			❓ $5.647b	+5.36%	+4.90%	+22.35%
› 7 Sky 1 chain			❓ $5.587b	-4.83%	-3.93%	-7.23%
› 8 Ethena 1 chain			❓❓ $5.147b	+1.42%	+4.46%	+6.59%
🔖 9 Pendle 11 chains		Yield	❓ $3.877b	+0.52%	+9.71%	+50.99%
› 10 Uniswap 34 chains			$3.465b	+1.72%	+3.16%	+27.67%
🔖 11 BlackRock BUIDL 6 chains		RWA	❓ $2.7b	+0.01%	+1.10%	+19.65%
› 12 Morpho 18 chains			❓ $2.455b	-0.05%	+5.52%	+15.05%
› 13 Compound Finance 10 chains			$2.432b	+1.31%	+5.22%	+21.16%
🔖 14 Veda 7 chains		Onchain Capital Allocator	❓ $2.393b	+1.06%	+2.53%	+47.20%
› 15 Curve Finance 22 chains			❓ $2.219b	-0.81%	+0.92%	+21.59%

NFT market

☆	1	**CryptoPunks** Ethereum	Buy	46.88 ETH $124,014	▲ 0.6%	▼ 1.3%	▲ 11.6%		$1,239,399,523 468,519 ETH
☆	2	**Infinex Patrons** Ethereum		2.44 ETH $6,454.67	▼ 1.6%	▼ 3.6%	▼ 5.4%		$645,467,237 244,000 ETH
☆	3	**Bored Ape Yacht Club** Ethereum	Buy	12.77 ETH $33,777	▼ 0.2%	▲ 1.8%	▼ 9.8%		$337,699,857 127,658 ETH
☆	4	**Pudgy Penguins** Ethereum	Buy	9.48 ETH $25,078	▼ 0.1%	▼ 4.8%	▼ 3.7%		$222,893,170 84,258 ETH
☆	5	**Autoglyphs** Ethereum		112.00 ETH $296,280	▲ 0.0%	▲ 0.0%	▲ 12.6%		$151,695,382 57,344 ETH
☆	6	**Chromie Squiggle by Snowfro** Ethereum		5.00 ETH $13,226.79	▲ 0.0%	▲ 16.3%	▲ 12.4%		$132,267,876 50,000 ETH
☆	7	**Mutant Ape Yacht Club** Ethereum	Buy	2.14 ETH $5,660.48	▼ 3.2%	▼ 5.7%	▼ 13.4%		$110,668,121 41,835 ETH
☆	8	**Fidenza by Tyler Hobbs** Ethereum		36.25 ETH $95,894	▲ 0.0%	▲ 0.0%	▲ 1.0%		$95,798,316 36,214 ETH
☆	9	**Milady Maker** Ethereum	Buy	3.06 ETH $8,104.96	▼ 0.1%	▼ 2.4%	▲ 2.8%		$80,871,313 30,571 ETH
☆	11	**Lil Pudgys** Ethereum		1.20 ETH $3,179.72	▼ 2.3%	▼ 5.0%	▼ 0.6%		$69,664,480 26,335 ETH
☆	12	**Azuki** Ethereum	Buy	2.41 ETH $6,375.31	▼ 0.4%	▼ 0.4%	▼ 10.4%		$63,753,114 24,100 ETH

NFT art
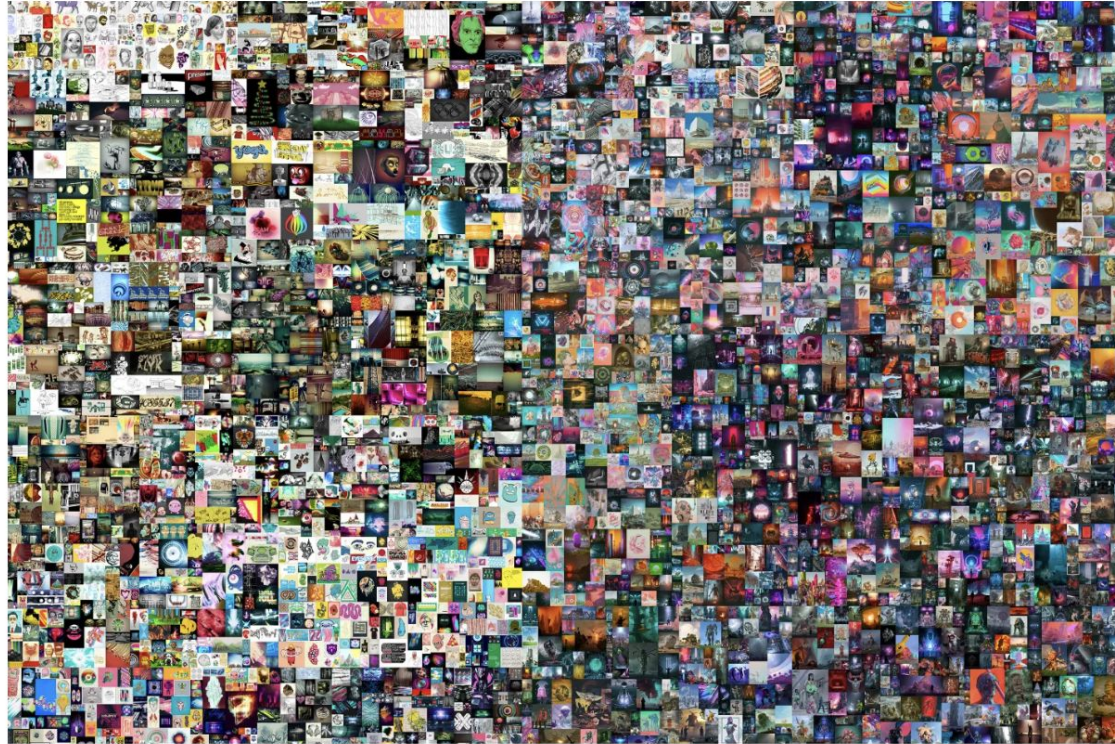
Beeple's collage, *Everydays: The First 5000 Days*, sold at Christie's. Image: Beeple

NFT collections
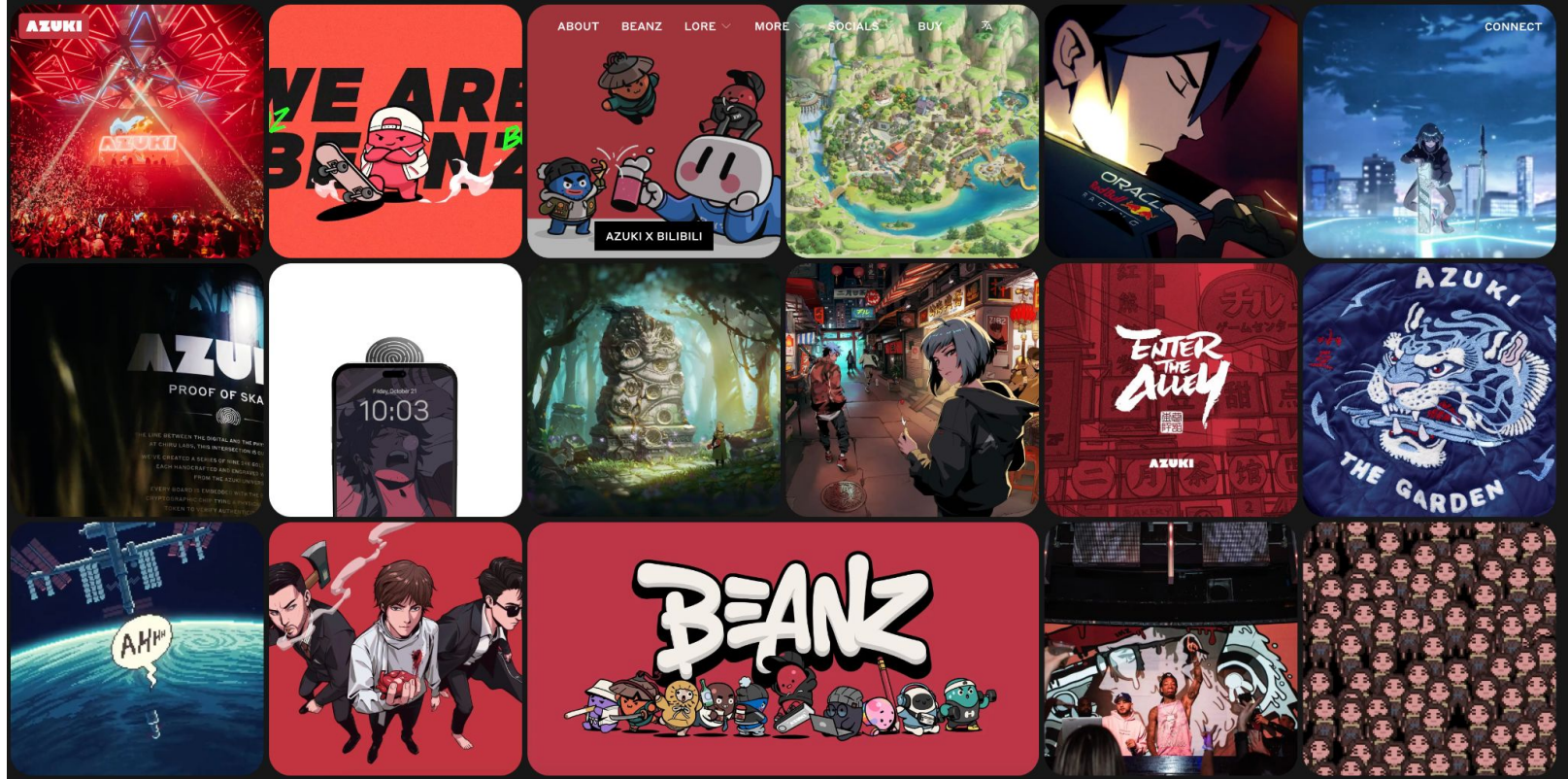
Entertainment

Sony Debuts Soneium Mainnet, Advancing Ethereum Layer-2 for Entertainment

Sony says it plans to explore ways for protecting creator rights and mechanisms for equitable value distribution between creators and fans.

By <u>Vince Dioquino</u>

🗓 Jan 14, 2025

🕐 2 min read

Future of Identity - World

World Chain is permissionless, open source and designed for community governance.

It is secured by Ethereum as an L2 and engineered for scalability with the Superchain ecosystem.
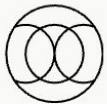
Start building

Human Identity - World

Unique humans: 12,581,009
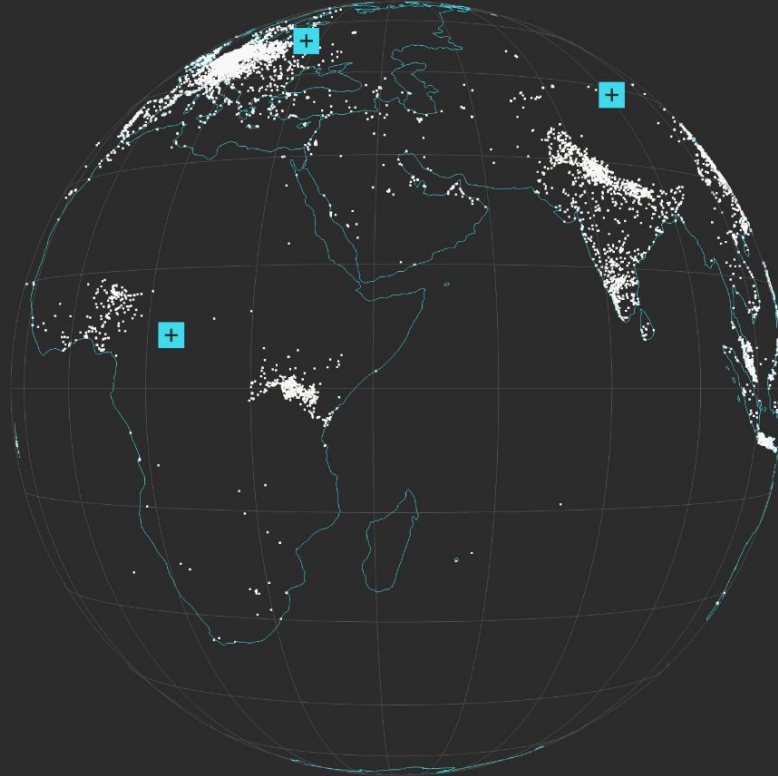
Tokens distributed	564,057,277
New accounts in last 7 days	181,823
Daily wallet transactions	1,373,435
Total wallet transactions	388,382,524
World App users (●)	26,903,104
Verifications in last 7 days	75,525
Countries with World ID users	160+
Active Orbs ↗	1,600

**See disclaimer below.

Directions

we've set major directions for the next 12 months:

- **Scaling Ethereum mainnet**

- **Scaling blobs**

- **Improving UX, including L2 interop + application layer**

Scale L1 - Gas Limit Increase

ethresearchbot ✔
@ethresearchbot

🤖 New EIP: 9698

By:
- Dankrad Feist

🔗 github.com/ethereum/EIPs/...

EIP 9698 proposes an exponential increase in the Ethereum gas limit, allowing it to grow 100x over four years through client-side defaults. This aims to create a predictable and sustainable gas limit trajectory, enhancing coordination and transparency in the gas limit adjustment process, while maintaining backward compatibility with existing mechanisms.

ethereum/EIPs

#9698 **Add EIP: Exponential Gas Limit Increase**

💬 8 comments   💬 10 reviews   📄 1 file   **+68 −0** ■■■■■

👤 dankrad · April 27, 2025 · 9 commits

Add EIP: Exponential Gas Limit Increase by dankrad · Pull Request #9698 · ethereum/E...

Ethereum Economy

Monthly application fee vs. transaction fee spend on Ethereum

Chain GDP measures how much the end users paid to interact with the chain's applications in a given period of time

Monthly Ethereum GDP (sum of fees for apps on Ethereum L1)
- Aggregated

Monthly transaction fees
— Ethereum

Scale L1 - throughput

Chain	Yesterday	24h	30 days	1 year
Base	34.99 Mgas/s	-0.0%	+16%	+599%
OP Mainnet	7.65 Mgas/s	+2.4%	+50%	+204%
Arbitrum One	5.34 Mgas/s	+3.1%	+18%	-4.6%
Soneium	2.80 Mgas/s	+3.7%	+1.0%	—
Celo	1.83 Mgas/s	+3.2%	+1.0%	+66%
World Chain	7.86 Mgas/s	+5.8%	+28%	—
Unichain	5.00 Mgas/s	+7.3%	+513%	—
Ink	4.40 Mgas/s	-7.7%	+27%	—
Blast	2.47 Mgas/s	-1.0%	-1.6%	-1.0%
Mode Network	1.51 Mgas/s	+11%	+75%	-38.8%
Ethereum Mainnet	1.50 Mgas/s	+0.4%	-0.7%	+20%

zkVM

	Multi-machine			Single machine		
block ⓘ	gas used ⓘ	cost per proof ⓘ	cost per Mgas ⓘ	proving time ⓘ	proof status ⓘ	
22 542 700 19 minutes ago	17 755 055	$0.0299 avg $0.0343	$0.0017 avg $0.0019	2m 3s avg 2m 22s	⬡ 4 3m 17s	→
22 542 600 39 minutes ago	4 252 450	$0.0109 avg $0.0135	$0.0026 avg $0.0032	45.4s avg 54.7s	⬡ 4 1m 5s	→
22 542 500 59 minutes ago	35 655 499	$0.0606 avg $0.0756	$0.0017 avg $0.0021	2m 59s avg 5m 26s	⬡ 4 7m 5s	→
22 542 400 1 hour ago	11 491 748	$0.0255 avg $0.0290	$0.0022 avg $0.0025	1m 46s avg 2m	⬡ 4 2m 43s	→

zkVM - real time proving (Succinct)

Proving Latency *on* **Ethereum Blocks**

April 19th 2025 - May 3rd 2025 (200 NVIDIA RTX 4090 GPUs)
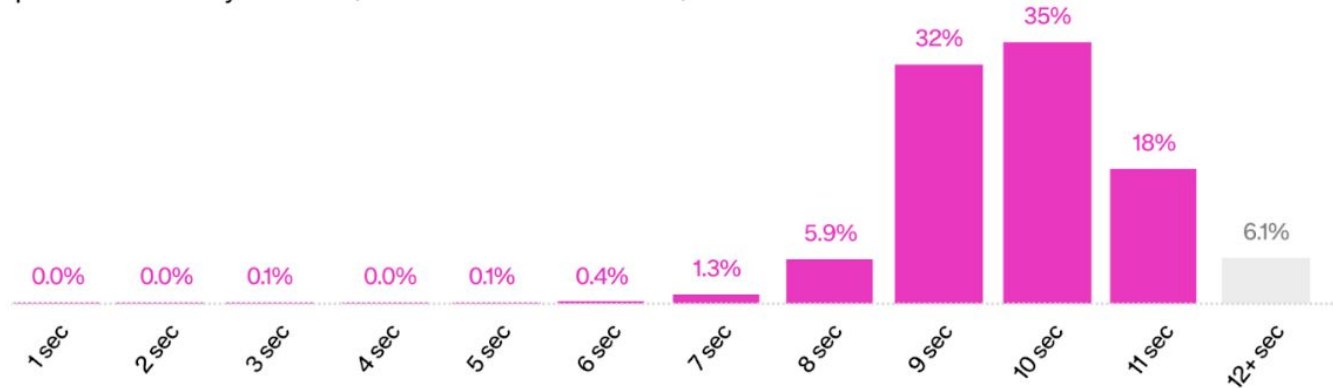
1 sec	2 sec	3 sec	4 sec	5 sec	6 sec	7 sec	8 sec	9 sec	10 sec	11 sec	12+ sec
0.0%	0.0%	0.1%	0.0%	0.1%	0.4%	1.3%	5.9%	32%	35%	18%	6.1%

zkVM - real time proving (Succinct)

zkVM - real time proving (Risc Zero)
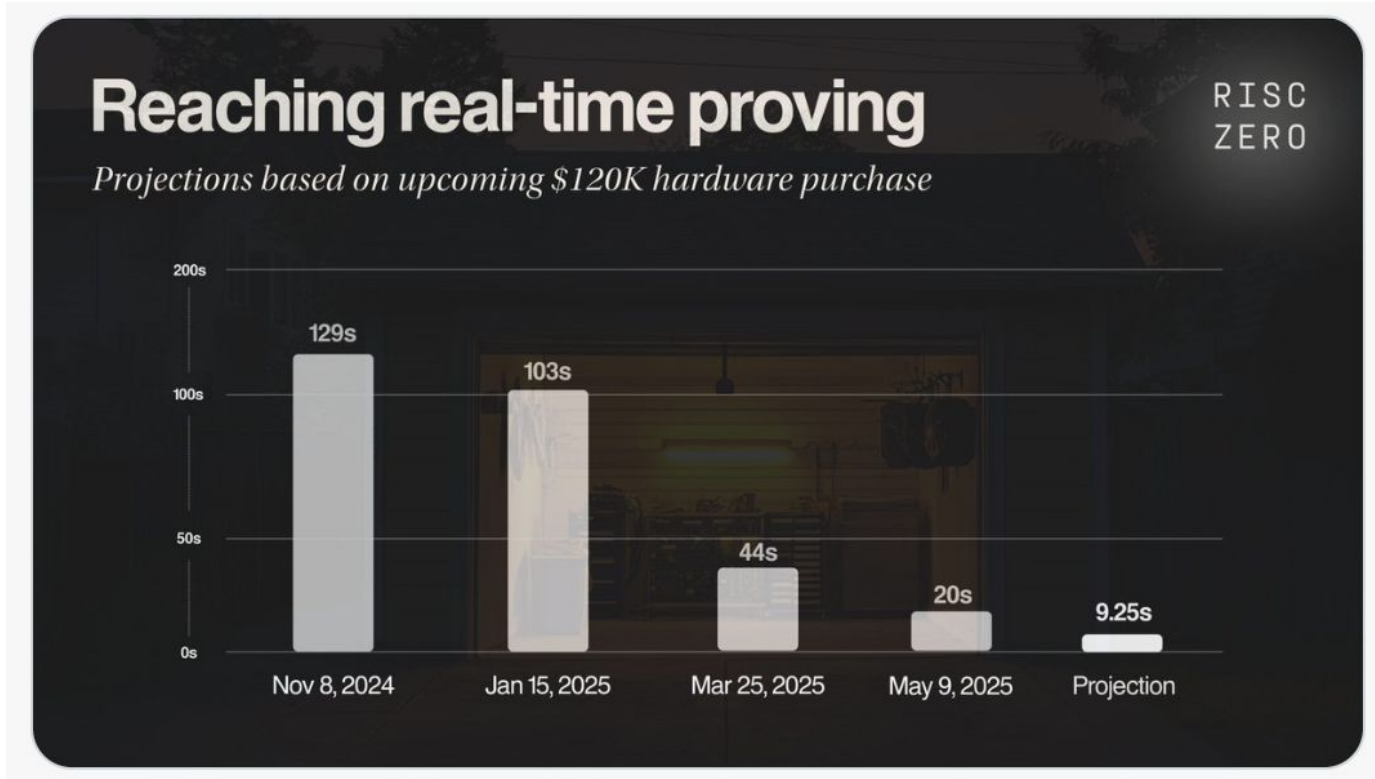
Fusaka

⬆ Share

Ethereum's Next Upgrade 'Fusaka' Could Cut Layer-2 and Validator Costs

Developers have thus far agreed to include one technical change, "PeerDAS," designed to improve data availability.

BY MARGAUX NIJKERK | EDITED BY SAM KESSLER

Updated May 12, 2025, 4:52 p.m.   Published May 12, 2025, 3:37 p.m.

The forthcoming Ethereum upgrade, Fusaka, is partly named after Osaka, a city in Japan ...   Read More ▾

Scale blobs

Blobs Posted
Since Dencun

Legend (top to bottom):
- All
- Unknown
- Hemi
- pegglecoin
- River
- ZORA
- Arbitrum One
- Inscriptions
- Unichain
- Infinaeon
- ZERO Network
- Abstract
- Arena-Z
- Ink
- Soneium

Y-axis: 0, 50k, 100k, 150k

X-axis: Mar 2024, Jun 2024, Aug 2024, Nov 2024, Feb 2025, May 2025

@hildobby
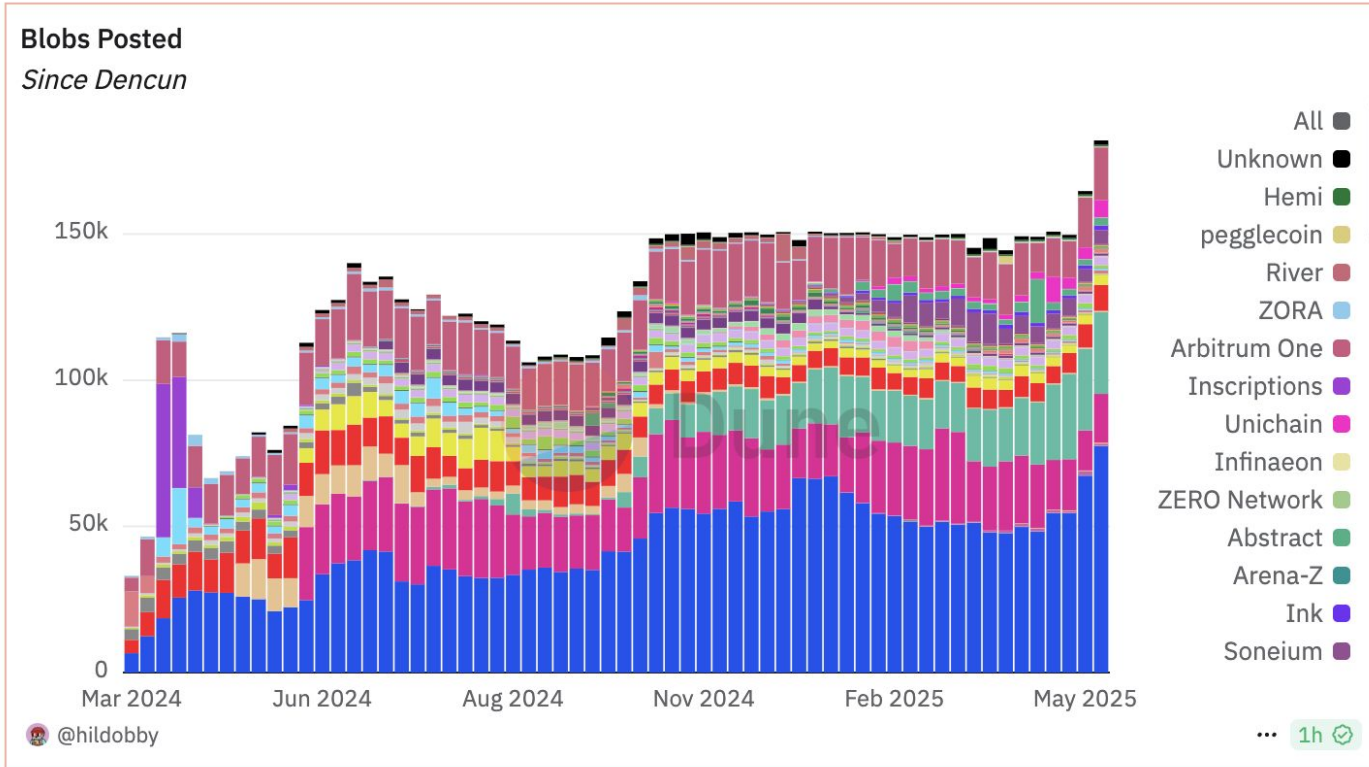
Ethereum - native rollups

- simplicity
- security
- EVM equivalence
- zk gas cost
- synchronous composability

https://ethresear.ch/t/native-rollups-superpowers-from-l1-execution/21517

Trillion Dollar Security

Billions of individuals are each comfortable storing more than $1000 onchain, collectively amounting to trillions of dollars secured on Ethereum.

Companies, institutions or governments are comfortable storing more than 1 trillion dollars of value inside a single contract or application.

Decentralization Research and Advocacy

Thank You

Tomasz K. Stańczak

Mail: tomasz.stanczak@ethereum.org

LinkedIn: /in/tomaszkajetanstanczak

Telegram: @tkstanczak

Twitter: @tkstanczak

Signal: @tkstanczak.42