



STATE OF

[VOL . 1]

BITTENSOR

Decentralized Intelligence Is Hitting Escape Velocity

Bittensor is no longer just a bold vision; it’s fast becoming core infrastructure for decentralized AI. In the first half of 2025, Yuma helped propel that moment with the launch of seven new subnets, onboarding institutional partners like BitGo and Copper to Yuma’s validator, and forming a first-of-its-kind academic research partnership. Public interest is rising too. According to a Harris poll commissioned by DCG, 77% of consumers surveyed believe decentralized AI is more beneficial to society than centralized systems. Decentralized intelligence is no longer niche. It’s a movement reaching escape velocity, and it’s being built on Bittensor.

There is growing interest in decentralized AI.

The Bittensor ecosystem is growing exponentially.

Yuma is a key partner in powering that growth.

77%

OF RESPONDENTS BELIEVE DECENTRALIZED AI SEEMS MORE BENEFICIAL TO SOCIETY THAN CENTRALIZED AI

HARRIS POLL, DCG, 2025

128

REGISTERED SUBNETS
TOTAL, AUGUST 2025

14

SUBNETS LAUNCHED WITH YUMA
YUMA, TOTAL, 2025

72%

WOULD BE MORE WILLING TO USE AI IF THERE WERE MORE ALTERNATIVES TO THE SYSTEMS CONTROLLED AND DEVELOPED BY BIG TECH

HARRIS POLL, DCG, 2025

32k

NEW WALLETS WITH BALANCES
TAOSTATS. Q2 2025

7

LAUNCHED IN 2025
YUMA, 2025

50%

OF RESPONDENTS ARE ALREADY LEVERAGING OPEN-SOURCE AI

MCKINSEY, 2025

21.5%

INCREASE IN STAKED ALPHA
TAOSTATS. Q2 2025

6

INSTITUTIONAL AND STAKING CUSTODY PROVIDERS ENTERED BITTENSOR VIA THE YUMA VALIDATOR

YUMA, 2025

Subnet Semantics

COMPUTER VISION

AI that can “see” by analyzing images or video, like Score (SN44) spotting players on a soccer field.

EDGE DEVICE

Any device that works outside of a data center, like a phone, laptop, or tablet. These devices can run AI models, like FLock Off (SN96) locally to make decisions without needing to connect to the cloud.

FEDERATED LEARNING

A way to train AI models without sending your data to a central server. Instead, models like FLock OFF (SN96) learn directly on your device, and only the learning updates are shared. This helps keep your data private and secure.

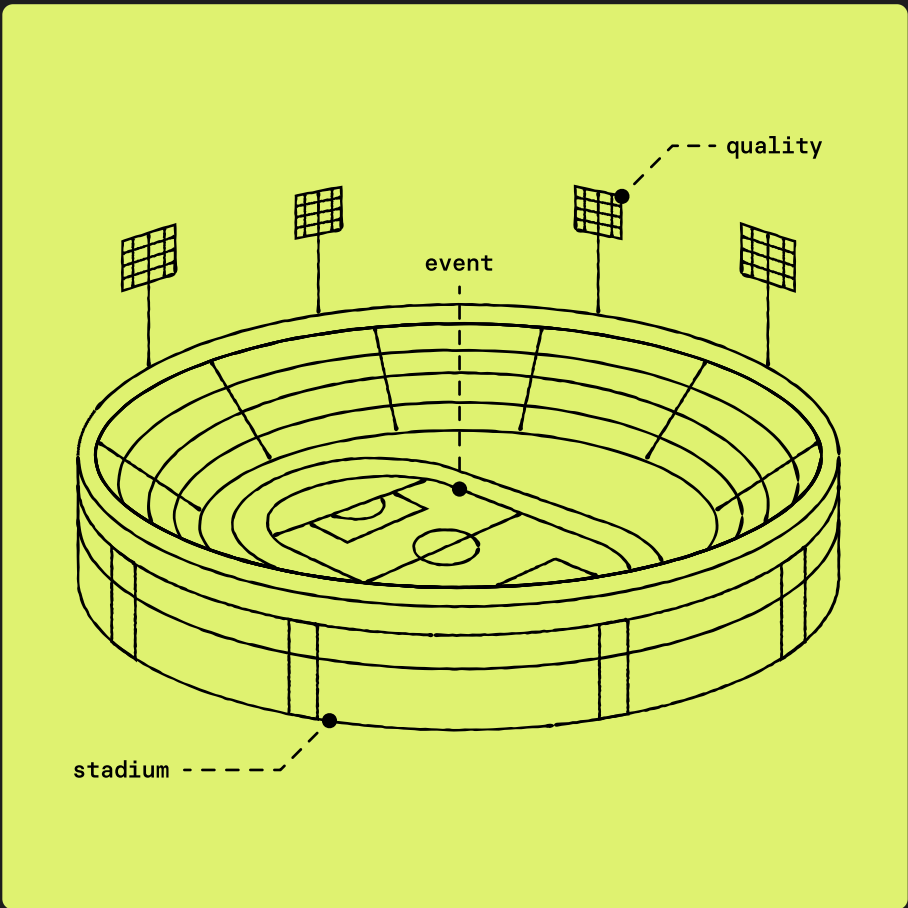
ADVERSARIAL AI

AI like RedTeam by Innerworks (SN61) or Yanez MIID (SN54) designed to test other systems by mimicking attacks or creating tricky inputs, like fake identities or misleading questions, to find weaknesses and improve defenses.

PHYSICAL AI

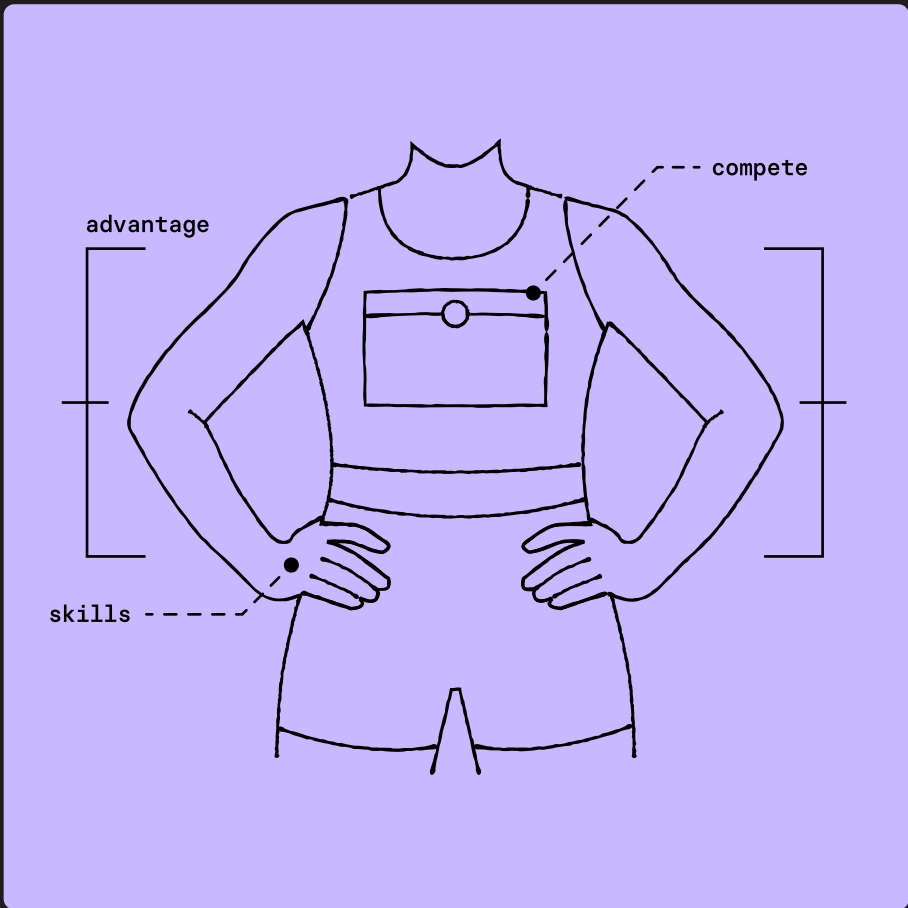
Artificial intelligence like StreetVision by NATIX (SN72) that operates in the real world through devices like robots, autonomous vehicles or sensors, enabling them to see, move and make decisions in physical environments.

Bittensor is like the Olympics for AI



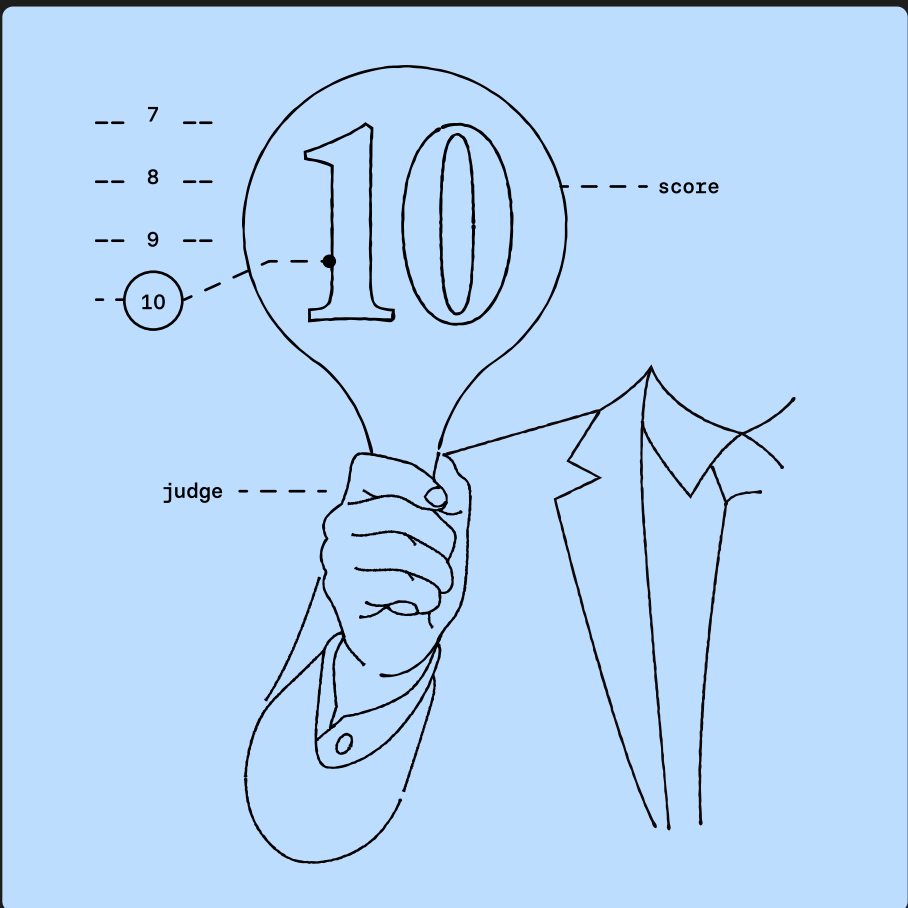
SUBNETS = COMPETITIONS

Each subnet is like a sporting event—it has its own set of rules, objectives, and scoring systems.



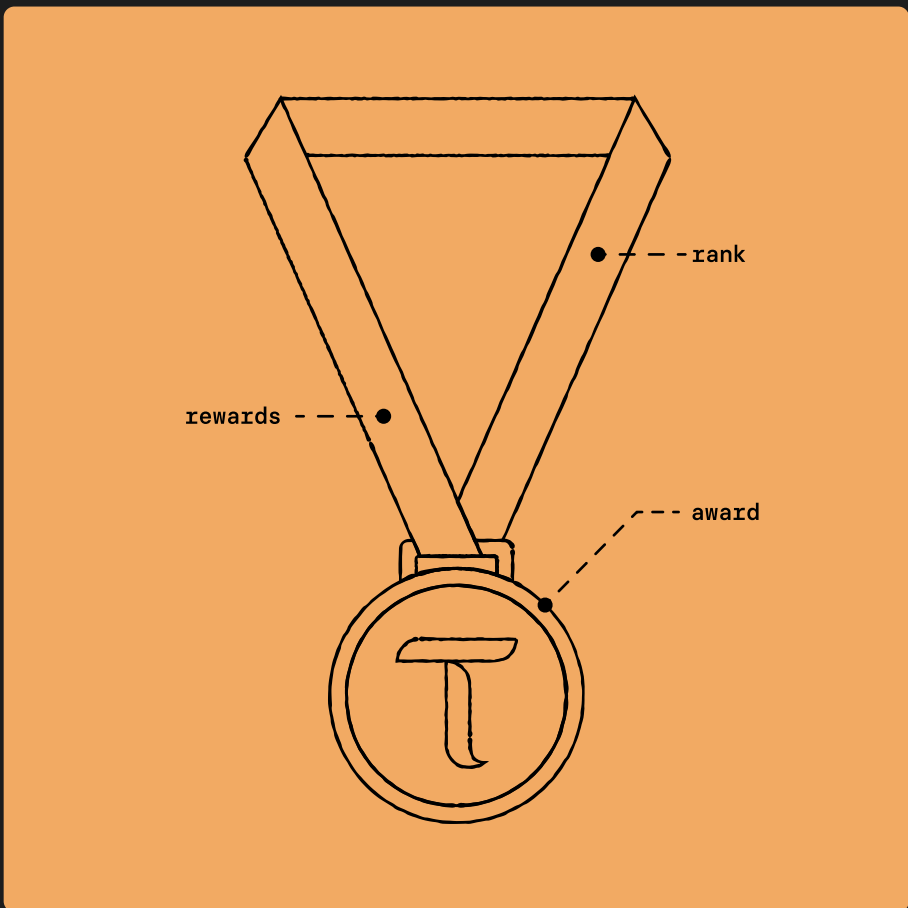
MINERS = ATHLETES

Miners are the competitors. They train (optimize) and perform to deliver the best outputs within the rules of each subnet.



VALIDATORS = JUDGES

Validators review and score miner outputs, determining who performed best and their associated rewards.



EMISSIONS = MEDALS

Top miners are rewarded with emissions—similar to medals, based on performance. (Note: A portion of emissions also go to validators and subnets).

Subnets Powered by Yuma

INFINITE GAMES

SN06

STURDY

SN10

BITQUANT

NEW

SN15

Open Gradient built the BitQuant Subnet as the infrastructure behind a new app for real-time crypto market insights. It runs a decentralized network of AI agents that analyze market data, answer complex questions, and reason in real time. Bittensor makes it possible for BitQuant to access verifiable crypto intelligence without relying on centralized data feeds.

REAL-TIME DATA by Masa

SN42

SCORE

CV

SN44

YANEZ MIID

NEW

⚠

SN54

Yanez is a compliance tech company that builds tools to help financial institutions detect and prevent fraud. The newest layer of their infrastructure stack, the MIID (Multimodal Inorganic Identities Dataset) Subnet, powers the Yanez Compliance Platform by generating synthetic identities that mimic financial crime behaviors. Unlike centralized systems, Bittensor lets Yanez tap decentralized contributors who produce adaptive, high-quality data sets to stress test sanctions screening and ID verification in real time. Yanez MIID is transforming how financial institutions test their systems against rapidly evolving financial crime threats.

PRECOG by Coin Metrics

SN55

DIPPY SPEECH

SN58

AGENT ARENA by Masa

SN59

BITSEC

SN60

REDTEAM by Innerworks

⚠

SN61

VERICORE by dFusion AI

SN70

STREETVISION by NATIX

NEW

📷

SN72

NATIX, a data infrastructure company, is building the largest decentralized street-level data network to power smarter maps and autonomous driving. Using its Drive& app and VX360 device, over 250,000 drivers capture live video as they move through cities. That data flows into the NATIX StreetVision subnet, where miners turn raw footage into ever-improving AI models that detect and classify roadwork for map updates, navigation safety and autonomous vehicle reliability. Bittensor’s architecture ensures the best contributors rise without central control, resulting in cost-effective, real-time visual data for navigation apps, urban planners and autonomous systems globally.

FLOCK OFF

NEW

🛡

📱

SN96

Flock is an AI company building small, efficient language models that run directly on devices like phones and laptops. They launched the “Flock OFF” subnet to crowdsource reliable training data while keeping it private using federated learning, meaning user data never leaves the device. By building on Bittensor, Flock improves its AI with help from a global network instead of relying on big tech or cloud servers. That makes their models scalable and more useful for developers creating on-device apps and researchers working on compact AI models.

Institutional Access Accelerates

BitGo, Crypto.com, Copper, Uphold, Yield.xyz, and Infstones are now connected to Bittensor through Yuma’s validator, marking a major step forward for institutional participation in decentralized AI.

Yuma’s secure, institutional-grade validator is built with top-tier custodians and exchanges in mind, setting the structural foundation for supporting Bittensor’s long-term growth.



99.1%

SUBNET COVERAGE
SOURCE: TAOSTATS, Q2 2025

24/7

ACTIVELY MANAGED &
MONITORED INFRASTRUCTURE
SOURCE: YUMA

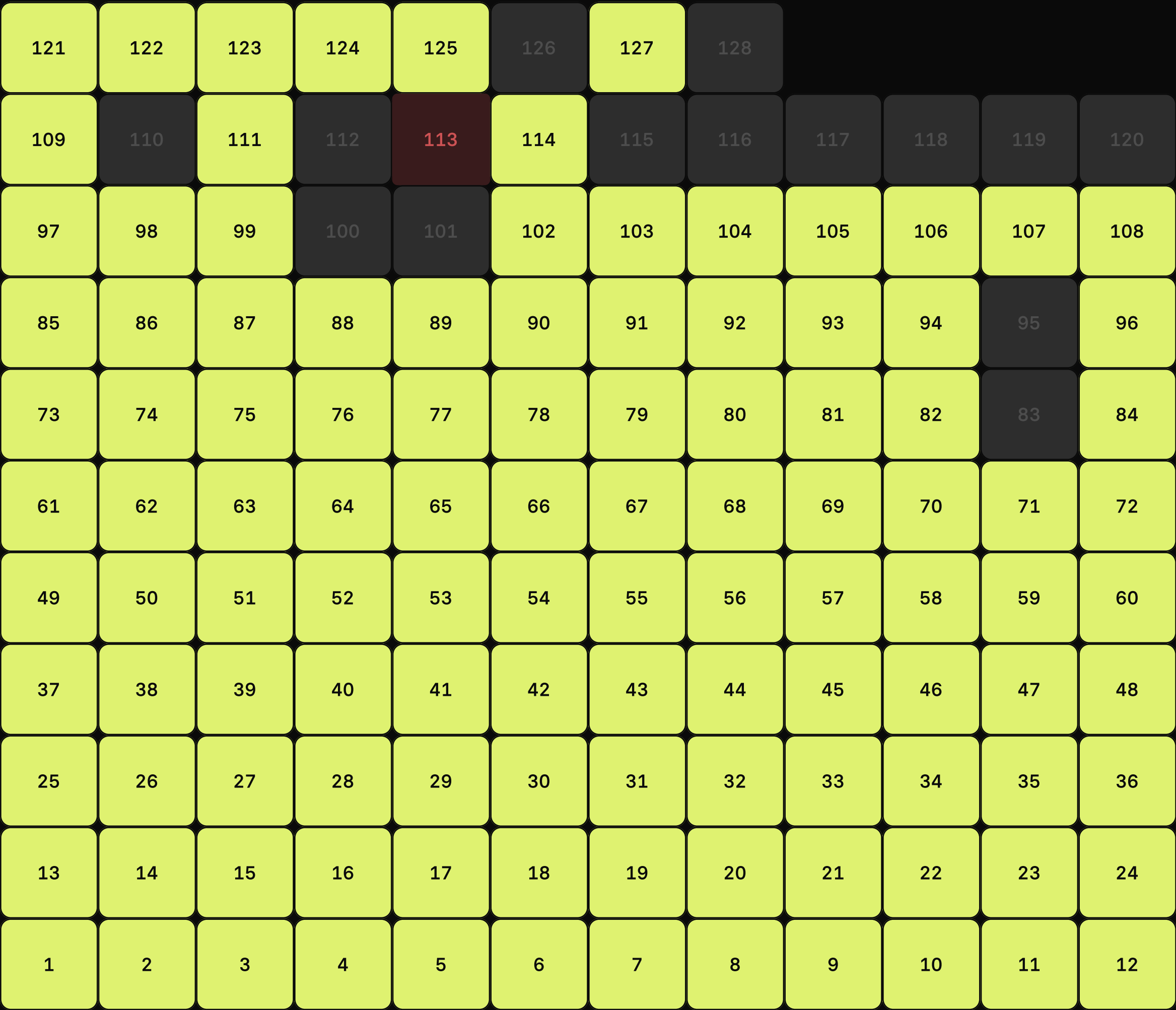
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INSTITUTIONAL AND
STAKING CUSTODY
PROVIDERS ENTERED
BITTENSOR VIA THE YUMA
VALIDATOR
SOURCE: YUMA

Subnet Coverage

The Yuma validator covers nearly all active subnets with **owned, actively managed infrastructure** and provides missed rewards for partners and delegates.

113/114 ACTIVE 113 COVERED 1 NOT COVERED 14 INACTIVE



Q2 2025 Bittensor Ecosystem Impact and Growth

Bittensor continues to accelerate, with ecosystem activity reaching new highs. This past quarter saw a surge in new TAO wallets and increased miner participation. The expanding developer base is building faster, with new subnets launched across domains like inference, finance, and security.

50%

SUBNET GROWTH
SOURCE: TAOSTATS, Q2 2025

16.3%

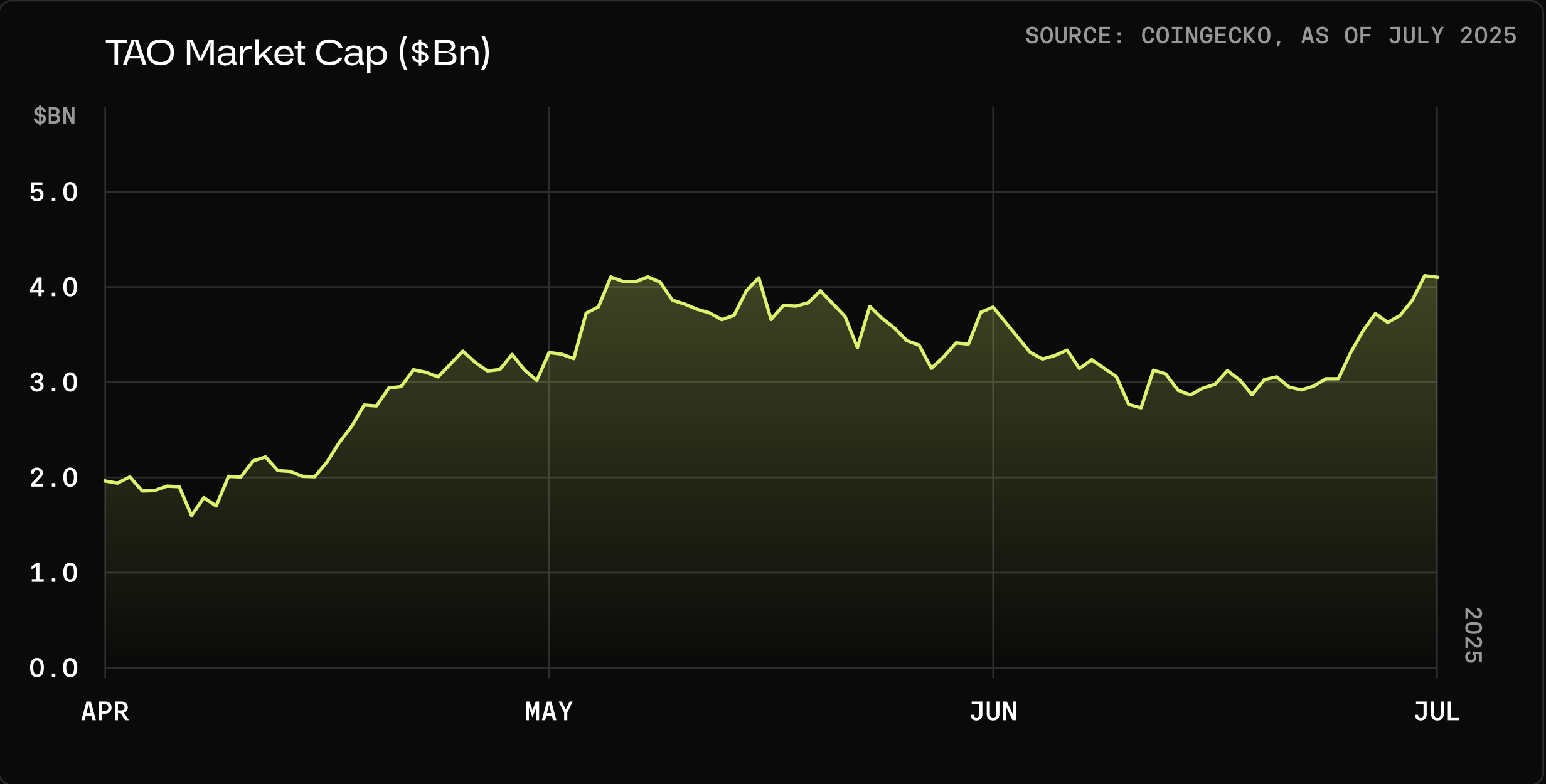
MINER GROWTH
SOURCE: TAOSTATS, Q2 2025

27.8%

NON-ZERO WALLET GROWTH
SOURCE: TAOSTATS, Q2 2025

8.7%

CIRCULATING TAO
BACKING SUBNETS
SOURCE: TAOSTATS, AS OF
JUNE 30 2025



The Next Generation of Business Leaders are Building on Bittensor

In June, Yuma partnered with the University of Connecticut to launch BittBridge, the first university-led subnet program on Bittensor. In addition to training students, this initiative creates a new pathway for top academic talent to participate in decentralized AI.

By providing access to open infrastructure and compute resources that would otherwise be cost-prohibitive through centralized providers, Bittensor enables deeper AI research and development. As interest from universities continues to grow, programs like BittBridge show how Bittensor can serve as infrastructure for AI experimentation and as a talent magnet for the future of AI.

“The transformative power of AI shouldn’t be limited to a few tech giants or well-funded companies with massive compute access”

BARRY SILBERT
Founder & CEO, Yuma



Members of the BittBridge team meet at Yuma HQ. Pictured from left: Barry Silbert, Founder and CEO, Yuma and DCG; Dmitrii Tuzov, Faeze Safari, and Jon Rohardjo, UConn graduate students; Professor Dave Wanik, BittBridge advisor; alumnus Evan Malanga '10, Chief Revenue Officer at Yuma; and Lindsay Stone, Director of Program Management at Yuma



“My five students and I are thrilled to collaborate with Yuma and engage with both the technology and the broader deAI community”

DAVE WANIK
Assistant Professor In-Residence,
University of Connecticut

Bittensor Adoption is Underway

With the second half of 2025 underway, Bittensor is proving itself to be both a tangible and transformative ecosystem. The quality and ambition of the teams launching subnets continue to increase, and I'm inspired by the problems they're tackling. From fraud detection to drug discovery, teams are using Bittensor as the underlying infrastructure layer for innovative AI with world-changing potential.

February's dTAO upgrade, which created a market-based competition for Bittensor emissions, has been a huge success. More than 8% percent of circulating TAO is now staked to subnets. Teams like Dippy and Targon are reinvesting in the network to further incentivize miners and strengthen their products. And it's clear from my conversations with investors and industry leaders that interest in Bittensor is growing exponentially.

While awareness is increasing, it remains difficult for investors to access the ecosystem. As I previewed at Proof of Talk in June, we're preparing to make it easier with the launch of our newest line of business, Yuma Asset Management.

Bittensor is changing the way AI is built and distributed. Yuma is building the institutional-grade infrastructure that accelerates the adoption already underway.



BARRY SILBERT
Founder & CEO, Yuma

[GET IN TOUCH]

Are you a startup, enterprise,
investor, or AI researcher
interested in exploring Bittensor?

Reach out to us at
yumaai.com/contact

