TEMASEK

Temasek believes that the application of blockchain technology as well as other innovative technologies can generate business value and drive social impact.

Our Blockchain team was set up in 2019 to build blockchain technology related capabilities and explore opportunities in the sector.

Efforts by our Blockchain team now span across venture building, fund investing and direct investing.

Our Purpose Statement

Being a Purpose-driven organisation gives us alignment and direction in the face of uncertain and complex times.

We aspire to help every generation thrive by empowering the well-being of our people, portfolio companies, partners, communities, and the planet we share as a common home.

Importantly, we see the responsibility to do this not just for today's, but also for future generations.

So every Generation prospers

Driven by our views of the trends shaping societies, we invest today with tomorrow in mind.

We aim to build a forward looking and resilient portfolio that delivers sustainable returns over the long term.

We deploy capital to catalyse solutions that can enable the transition to a low carbon economy, and tap on opportunities to build future growth sectors and leading enterprises through our efforts in innovation.

Our investment activities are aligned to four structural trends that shape our long term portfolio construction, and efforts in our Blockchain space are demonstrated within the Digitisation trend.



Digitisation
Cross-sectoral digital technologies



Sustainable Living
Products and services for sustainability



Future of Consumption
New shifts in consumption types and patterns



Longer Lifespans
Growing needs driven by longevity

For more information about Temasek, please visit **temasek.com.sg**

BLOCKCHAIN@TEMASEK

Our Blockchain team was formed as part of an institutional initiative to help us understand and explore the disruptive impact and potential of the technology on our business and portfolio.

Beyond investments, we also strive to build and scale game-changing ventures that leverage blockchain technologies, through partnerships with like-minded companies and enabling initiatives to advance the use of blockchain technology and support the growth of the ecosystem in Singapore and beyond.

3 KEY FOCUS AREAS

Programmable Money

We see significant opportunities in the global payments space – digital currencies are evolving rapidly and will have a meaningful impact in the future.

Backed by DBS, J.P. Morgan, Standard Chartered, Temasek and Peak XV, Partior is reshaping the way industry players approach existing cross-border payments and enabling the development of new capabilities and products through its unified ledger.

Digital Assets Tokenisation

We continue to be excited by the ability of blockchain technologies to reform existing market infrastructure and transform processes and systems.

Marketnode is a digital market infrastructure backed by Euroclear, HSBC, Singapore Exchange, and Temasek. Marketnode operates infrastructure enabling use cases in funds, credit, and structured products.

Through Marketnode and its various solutions, the development of an end-to-end digital markets infrastructure that is built by and for the ecosystem is now a reality.

Decentralised Identity & Data

We see the challenges with data ownership, and the need to reclaim control and ownership of data.

To that end, Affinidi and Trustana, are portfolio companies that work together at providing all communities with trusted ownership, sharing, and distribution of data.

affinidi

CHANGING DATA OWNERSHIP FOR GOOD

We empower individuals to reclaim their digital identity by providing developers with the technology to create a new wave of Holistic Identity solutions.

Holistic Identity (HI)
A comprehensive integrated self-view in the digital world to exercise full control over one's data – Allowing individuals to discover, collect, share, store, and even monetise it.



Holistic Identity **unifies fragmented digital identities** from the multitude of online platforms

Restores ownership, allowing Individuals to regain full control over their digital identities

Fosters digital trust, unlocking private, autonomous and **authentic credential verification** across borders and industries

THE POWER OF HOLISTIC IDENTITY

Return consumer control over their fragmented data and digital identities

Unlock consumer-consented data sets

New innovations for businesses around personalisation unlocked

Solutions with an emphasis on user-centricity, Affinidi provides innovative solutions that prioritise privacy and interoperability in a decentralised infrastructure through the Affinidi Trust Network (ATN):

Affinidi Element
A fully managed tech stack for scalable development and secure integration of holistic identity-related functionalities.

Affinidi Login
Enables passwordless authentication for user onboarding.

Affinidi Messaging
Enables authenticity in communication between sender and receiver.

ATN

Affinidi Vault
Empowers individuals with a secure "360-degree view of oneself" to collect, store, share and monetise data that aligns with their preferences and values.

Affinidi Concierge
A personalised AI that manages data in accordance with user values and preferences.

Affinidi Connector
Provides secure integration with various types of data sources

ATN's suite of solutions integrate data from authoritative sources, ensures the integrity of data custody, and enables individuals to provide consent for data sharing while verifying the identities of all parties involved.

For more information about Affinidi, please scan this QR code

TRUSTANA

We help brands and retailers automate and enrich digital product data, leading to superior buying experiences for customers.

AEON · Toys"R"Us · Shark NINJA · little farms · YUE HWA CHINESE PRODUCTS · reebelo

Did you know...

- **$2 Trillion** is lost each year due to bad product discovery globally
- **71%** of customers believe high-quality product data impact decision to buy
- **5 in 10 returns** are blamed on misleading product specifications

Win modern commerce with Trustana's automated, flexible product catalog

- Automated Data Enrichment
- Minimal Data Inputs Required
- Customizable Taxonomy
- High Accuracy Data Transformation
- Flexible & Scalable
- AI-Powered Digital Asset Manipulation



Ready to experience the magic? Visit www.trustana.com

Transforming financial market infrastructure and unlocking new capabilities and products for financial institutions and their customers

Partior, the blockchain-based fintech for real-time clearing and settlement, is building on the inherent features of its global unified ledger and atomic settlement capabilities to address key operational inefficiencies faced by industry players.

The journey of traditional cross-border payments faces challenges, including delays, high costs, lack of transparency on timings, multiple intermediaries, variable processing speeds, and differing compliance standards across correspondent banks. By solving these inefficiencies, we are helping to facilitate the movement of liquidity for financial institutions and their customers.

Partior is backed by founding shareholders DBS, J.P. Morgan, Standard Chartered, Temasek, as well as Series B lead investor Peak XV.

Reimagining Clearing and Settlement Around the World

Today's market infrastructures face challenges from siloed ledgers operating across different time zones and currencies, each maintaining separate asset records for individual entities. This fragmentation leads to inefficiencies, delays, and operational risks.

Partior simplifies clearing and settlement by eliminating the complexities of disjointed messaging and intermediaries. Our platform transforms wholesale clearing and settlement by seamlessly integrating digital fiat, tokenised deposits, tokenised assets, and central bank digital currencies across a wide range of global financial use cases. From payments and FX to liquidity and securities, our decentralised and programmable infrastructure breaks down existing silos, creating a more streamlined clearing and settlement ecosystem.

Moreover, Partior's network interoperates with both digital and non-digital assets, as well as various currency networks, offering a comprehensive suite of real-time multi-currency payments, along with Payments versus Payments (PvP) and Delivery versus Payments (DvP) settlement capabilities.

Creating Value for Financial Institutions and Their Customers

Partior's platform is designed to foster interoperability among banks, application providers, and ecosystem partners, enabling a diverse range of traditional and innovative use cases.

Rooted in the foundational principles of decentralisation, programmability, composability, interoperability, and tokenisation, our platform facilitates the development of capabilities such as intraday FX swaps, cross-currency repos, programmable enterprise liquidity management, and just-in-time multi-bank payments, aimed at optimising liquidity for banks and corporates.

Our platform offers a multitude of benefits for industry players, including:

- 24x7 value dated ledger
- Atomic settlement
- Interoperability across networks
- Programmable functionality
- Composability for enhanced transactions

Uniting the Ecosystem

At Partior, we are not just introducing new technology; we are shaping the financial infrastructure of the future. By enabling a comprehensive and efficient financial ecosystem that is inclusive, transparent, and optimised for the digital age, we help financial institutions remain at the forefront of this transformation, unlocking innovative solutions and revenue streams in wholesale settlement and beyond.
We achieve this through the commitment and collaboration of multiple stakeholders, and we look forward to welcoming more ecosystem partners to join us in this endeavor.

For more information about Partior, please visit **partior.com**

We welcome Commercial banks, Central Banks & Market Infrastructures and technology partners to join our network. Reach us via email contact@partior.com

MARKETNODE

In partnership with Euroclear, HSBC, SGX Group and Temasek

DIGITAL MARKET INFRASTRUCTURE

A collaborative cornerstone for tomorrow's financial infrastructure

Enabling Game-changing Possibilities

Blockchain technology is able to transform processes, connect counterparties seamlessly, and create new venues for liquidity. These new business opportunities excite us.

We help institutions go to market faster and mutualise operational costs, providing flexible, industry-driven solutions that address complex industry challenges.

Need for Best-in-Class, Trusted and Neutral Operator

Marketnode is well positioned to be a best-in-class, trusted and neutral operator that provides a level playing field and enables the market to develop – in Asia-Pacific and beyond.

We bring together diverse partners, customers and stakeholders, ensuring that they can tap into the collective strength of the industry to achieve their business objectives.

Plug and Play Infrastructure

As we shape our collective digital future, constant innovation of financial market infrastructure is important to support the industry's growth.

We eliminate the burden of institutions having to build from scratch, providing the industry with ready-to-use solutions that capitalise on innovative asset tokenisation and blockchain applications.

GATEWAY

An end-to-end platform enabling market participants to accelerate workflows, lower time to market and capitalise on the transformative potential of tokenisation for funds, credit and structured products

FUNDNODE

Blockchain-based fund settlement infrastructure, providing the funds ecosystem with a single platform for transaction management processing and record-keeping

For more information about Marketnode, please visit **marketnode.com**

menyala

Building a future where **technology benefits** are

accessible to all

For more information, please visit
menyala.com

Menyala is a venture builder founded by Temasek in 2021. We bring together builders, ideas, network, and capital to build disruptive ventures that ignite new possibilities and unlock limitless human potential

Focus Areas

Fintech | Web3 | AI

Our Fintech Innovations

splore

Splore's Agentic AI Engine transforms financial, research, and operational data into impactful decisions, helping businesses scale complex data and automate analytical processes.

splore.com

xweave

Xweave revolutionizes global money movement by blending Web 2 payments universe with digital assets; powered by a network of regulatory-approved digital asset liquidity partners and our proprietary Payment Routing Engine.

xweave.io

Other Ventures From Menyala

JOVO

Jovo enables people to shop for digital assets where they already shop and pay how they typically pay.

jovo.io

blinklabs.ai

Blink AI is a Generative AI powered launchpad that enables anyone to create seamless web3 experiences.

blinklabs.ai