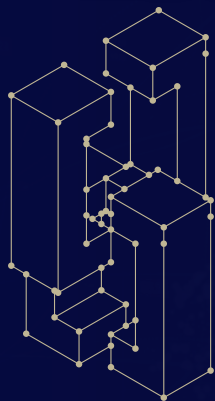


# ABOUT GLOBAL LAYER ONE (GL1)



**Global Layer One (GL1)** is a collaborative project between the Monetary Authority of Singapore (MAS), international policymakers, and financial institutions, that aims to develop a multi-purpose shared ledger infrastructure based on Distributed Ledger Technology (DLT). The project focuses on enhancing cross-border payments and the settlement of capital market instruments by providing an open, standards-based platform for financial institutions. **Read the [whitepaper \(released June 2024\) here](#)**

*Financial institutions include:*

- BNY
- Citi
- J.P. Morgan
- MUFG Bank, Ltd
- Societe Generale-FORGE

*International policymakers include staff from the:*

- European Central Bank
- Banque de France
- International Monetary Fund

## ARCHITECTURE & INFRASTRUCTURE



**Four-layered model:** Access, Service, Asset, and Platform Layers

- **Access Layer:** Provides wallet capabilities, KYC checks, and client onboarding
- **Service Layer:** Allows deployment of services like interbank transfers and collateral management
- **Asset Layer:** Supports native issuance and tokenization of various assets
- **Platform Layer:** Foundational blockchain infrastructure with privacy controls

## DESIGN PRINCIPLES



- Open and standards-based for ease of application deployment
- Regulatory compliance and built-in governance
- Transparent governance with no single entity control

## SCALABILITY & SECURITY



- Scalable infrastructure for large-scale deployments
- Security measures including privacy, permissioning, and data segregation

## PARTICIPANTS IN THIS PROJECT

**GL1** involves contributions from several prominent global financial institutions. This diverse group of contributors collaborates to create a versatile and interoperable shared ledger infrastructure for financial assets and applications

## NEXT STEPS



- Establishment of a non-profit organization to develop common principles, policies, and standards for operating GL1
- Formation of independent operating companies to build and deploy the GL1 infrastructure