

Crypto Ecosystem One-Pager

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Key Takeaways

- ❖ The Crypto Ecosystem One-Pager provides a bird's eye view of the crypto landscape. We break down the crypto ecosystem into three broad categories - Application Layer; Infrastructure; Blockchain Network.
- ❖ Application layer consists of decentralized applications (“dApps”) across different verticals in crypto and is usually the front-end interface that general users interact with.
- ❖ Infrastructure is made up of providers that offer the necessary framework, foundation, or functionalities, that other projects can build on or integrate with.
- ❖ Blockchain Network includes Layer 1 and Layer 2 blockchains. These form the cornerstone of the crypto ecosystem.
- ❖ This map is compiled based on publicly available data, research, and qualitative analysis. It is not intended to be an exhaustive list of projects in the industry. Projects showcased are mapped according to their primary use cases. The mention of specific projects does not constitute endorsement or recommendation by Binance.

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Crypto Ecosystem One-Pager

Application Layer

DeFi	Spot DEX Curve, UNISWAP, PancakeSwap, SushiSwap, Balancer	Derivative DEX GMX, dYdX, Lyra, Perpetual Protocol, ApolloX, Aperture	Lending Compound, truefi, Goldfinch, maple	Yield convex finance, SPYRAXIS, Alpaca Finance, TRANCHESS	Fixed Income ElementFi, GAPWINE, PENDLE, notional	Liquid Staking stader, LIDO, ROCKETPOOL, Marinade, Ankr
	Stablecoin MAKER, Helio, Frax, UXD	Insurance ARMOR, Nexus, Mutual	Index Set, Index	Synthetics SYNTHETIX, UMA, INJECTIVE	Liquidity TOKEMAK, Olympus	

NFT	Marketplace sudoswap, LOOKSRARE, SuperRare, MZ, MAGIC, element, xyz, gem, BLUR	Lending BendDAO, nftfi, JPEG'd	Liquidity / Index fractional, NIFTEX, unic.ly	Pricing Abacus, FLOOR_DAO, UPSHOT	Derivative nftperp	Rental DOUBLE (reNFT)
	Storage Pinata, NFT STORAGE	Music AUDIUS				

Gaming / Metaverse	Games axie, STAR ATLAS, FALLEN WORLDS, LUVIUM, HARVEST	Gaming Infra Treasure, BinaryX, GALA GAMES, MOBOX	Guild Merit Circle, AVOCADO DAO, BREEDERCARD, BlackPool, GUILDFI	Metaverse SANDBOX, Decentraland, CRYPTOVOXELS, SOMNIUM SPACE

DAO Tooling	Framework COLONY, ARAGON	Access Guild.xyz, Collab.Land	Treasury Mgmt Gnosis Safe, Coordinape	Voting snapshot	Analytics Tally, DeepDAO	Streaming Pay Sablier, Superfluid, Zebec

Social	Social Infra CyberConnect, DeSo, LENS, RSS3	Social dApp farcaster, Context, Lenster	Messaging Infra Dialect, XMTP	Messaging dApp Blockscan, nansen	Fan Economy chiliz, rally, Roll

Others	Education RabbitHole, HOOKED	Prediction Polymarket

Infrastructure

Data Usage and Tooling	RPC Provider NODEREAL, INFURA, Ankr, QuickNode, moralis, POCKET, alchemy	Data Indexing the graph	Analytics nansen, glassnode, Dune Analytics, token terminal, DefiLlama	Oracle API3, Band Protocol, UMA, PYTH NETWORK, Chainlink

Security and Privacy	Security ZOKYO, GAUNTLET	Privacy NYM, AUTOMATA	Bridge Connectivity, Multichain, Hop, Synapse, stargate, connext, Celer cBridge

Automation and Storage	Smart Contract Automation Gelato Network, Keep3r.network	Storage Filecoin, arweave	Wallet XDEFI, Trezor, Ledger, Trust Wallet, web3auth, NGRAVE, SafePal	DID ENS, SPACE ID, GALXE, Bonfida, brightID, unstoppable domains	MEV EEDEN, ROOK, manifold

Blockchain Network

L2	Optimism Rollup ARBITRUM, boba	ZK Rollup zkSync, Aztec, STARKNET, Scroll, TAIKO, IMMUTABLE X	Side Chain polygon, rsk, SKALE, Gnosis Chain	State Channel Celer, RAIDEN

L1	EVM BNB CHAIN, AVALANCHE, FANTOM	Non-EVM Fuel, TRON, SOLANA, sui, flow, APTES, CELESTIA, NEAR, Algorand	Cosmos Kava, OSMOSIS, THORCHAIN, AXELAR, cronos	Polkadot M=onbeam, Acala, ASTAR

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Binance Research is the research arm of Binance, the world's leading cryptocurrency exchange. The team is committed to delivering objective, independent, and comprehensive analysis and aims to be the thought leader in the crypto space. Our analysts publish insightful thought pieces regularly on topics related but not limited to, the crypto ecosystem, blockchain technologies, and the latest market themes.



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Jie Xuan (“JX”) is currently working for Binance as Macro Researcher. Prior to joining Binance, he worked as a Global Investment Specialist with J.P. Morgan and had prior Equity Research experiences at various fund houses. JX is a CFA charterholder. He has been involved in the cryptocurrency space since 2017.



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