



in a nutshell



by

**STAKING
FACILITIES**

heterogeneous multi-chain network

PROJECT DESCRIPTION

The Cosmos network operates via a 'Hub and Spoke' model to allow independent, heterogeneous blockchains to run in parallel and communicate to each other while remaining fully sovereign. There are two main components of the Cosmos network: Zones (independent blockchains) and Hubs (linking points for independent blockchains).

FACTS & FIGURES



founded
2016



live since
03/2019



native token
ATOM

key personnel



Jae Kwon
Co-Founder



Ethan Buchman
Co-Founder



Peng Zhong
CEO Tendermint

key players



INTERCHAIN FOUNDATION (ICF)

A Swiss non-profit foundation set-up to facilitate and streamline the development of the Cosmos network. The Interchain Foundation issues grants, provides educational material, and funds open-source blockchain projects.



TENDERMINT INC. (AKA. ALL IN BITS)

Tendermint Inc. was contracted by the Interchain Foundation to build and launch the Cosmos Hub, the very first blockchain of the Cosmos Network. Tendermint developed their own byzantine fault-tolerant (BFT) consensus mechanism, namely Tendermint Core as well as the Cosmos SDK.

TOKENOMICS



funding
\$16 Million in 2017 ICO for
75% of initial supply

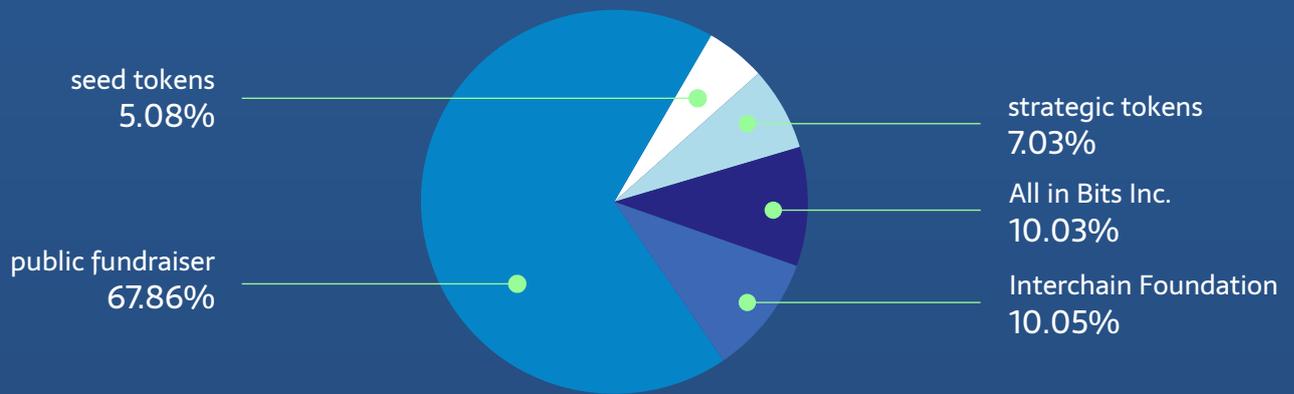


initial supply
236,198,958.12 ATOMs



capped supply
No capped supply

initial allocation



STAKING INFO



inflation rate*
7 -20%



un-bonding period
21days



staking return*
8 - 10%

*dependent on amount staked with a goal of 67% of ATOMs being staked.



Rewards

Rewards must be manually claimed by each delegator. They can then be re-delegated in order to achieve compound effects.



Slashing

Validators & their delegators can be subject to slashing (partial loss of funds) in case of misbehavior by the validator. Double signing: 5% slash; Unavailability (missing 95% of blocks in a timeframe of ~14h): 0.1% slash.



Inter-Blockchain Communication (IBC)

The Inter-Blockchain Communication protocol enables interoperability between different blockchains by allowing them to exchange the value of digital assets as well as data with one another.



Cosmos SDK

The Cosmos SDK is an open-source blockchain development framework for application-specific PoS & PoA blockchains. Chains created with the Cosmos SDK are natively able to interoperate with other blockchains. By separating the application layer from the consensus and networking layers, developers can use their preferred programming language for their application.



Tendermint Core

Tendermint Core is a Byzantine Fault Tolerant consensus engine to securely and consistently replicate an application on many machines. The protocol is responsible for sharing blocks and transactions between nodes as well as establishing a canonical/immutable order of transactions.

ECOSYSTEM & PROJECT MAP



Kava

DeFi Lending Platform



Terra

Decentralized Algorithmic Stablecoin



Regen Network

Marketplace for Ecological Data



Band Protocol

Crosschain Oracle Platform



Thorchain

Crosschain Liquidity Network

LINKs



website:
cosmos.network



whitepaper:
cosmos.network/resources/whitepaper

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