Polkadot.

in a nutshell — by **STAKING FACILITIES**

> heterogeneous, sharded multi-chain

PROJECT DESCRIPTION

Polkadot is an open-source protocol that focuses on interoperability, security, and scalability. Its main objective is to provide a platform for independent, unique and heterogeneous blockchains (i.e. Parachains) to connect and share information while providing common security through the Relay Chain - the main chain of the Polkadot network.

FACTS & FIGURES

founded	live since	native token
2016	05/2020	DOT

founding team

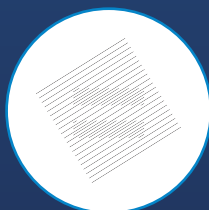**Dr. Gavin Wood**

Robert Habermeier

Peter Czaban

key players

WEB 3 FOUNDATION

A Swiss non-profit foundation set-up to facilitate and streamline the development of Polkadot. The Web 3 Foundation issues grants, provides educational material, and works towards growing the overall Web 3 ecosystem.

PARITY

Blockchain infrastructure and development company. Closely worked with the Web 3 Foundation while developing Polkadot and Substrate.

STAKING FACILITIES

Polkadot is a protocol built by developers for developers. At Parity, we've gone to great lengths to generalize our blockchain building framework Substrate to provide a neutral foundation upon which other developers can build the application they want, the way they want it.

– Robert Habermeier

TOKENOMICS

ICO
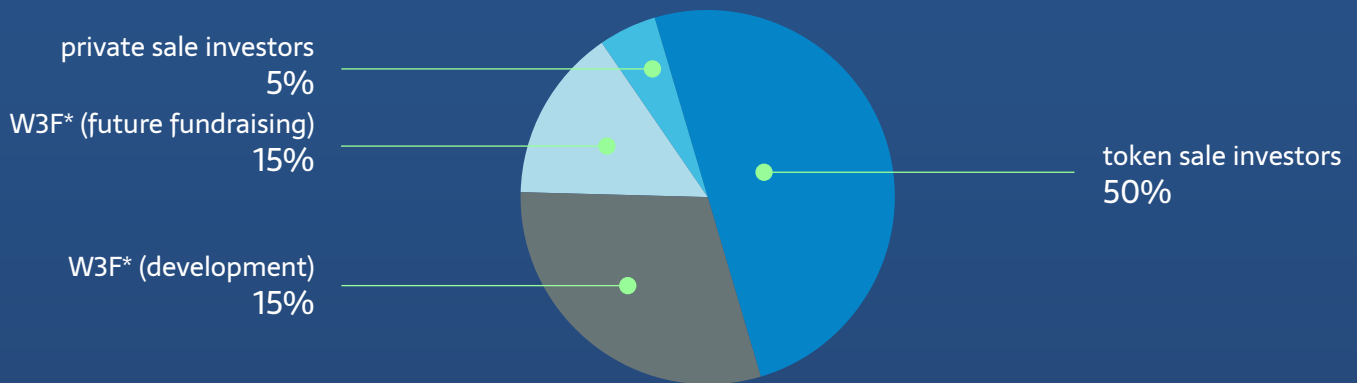$145 Million in 2017
for 50% of initial supply

initial supply
10 Million DOTs (old)

capped supply
No capped supply

initial allocation

private sale investors
5%

W3F* (future fundraising)
15%

W3F* (development)
15%

token sale investors
50%

*Web 3 Foundation

STAKING INFO

inflation rate (max)
10%

un-bonding period
28 days

staking return
~20%
if 50% of DOTs are staked

Rewards

Users can choose to compound their rewards (re-stake them) or have them liquid right away.

Rewards are calculated once per day.

Rewards must be claimed - otherwise, they will be lost after 84 days!

Slashing

Validators & their nominators can be subject to slashing (partial loss of funds) in case of misbehavior by the validator (offline; malicious)

Nominated Proof-of-Stake (nPoS):

nPoS is the mechanism used to select the validator set of the Polkadot network. It encompasses two roles to maximize the security of the chain:

Validators - produce blocks, validate parachain blocks, guarantee finality

Nominators - token holders who back up to 16 validators through their stake.

Substrate

Blockchain development framework and the technology stack on which Polkadot itself is built upon.

ECOSYSTEM & PROJECT MAP

Acala Network

Cross-chain DeFi Hub & Stablecoin

Energy Web Foundation

Non-profit comprised of Energy Corporations

Centrifuge

DeFi Dapp Development

Kilt

Credentials for Web 3.0

Laminar

Open Finance Platform

LINKs

website:
polkadot.network

whitepaper:
polkadot.network/PolkaDotPaper.pdf

wiki:
wiki.polkadot.network

lightpaper:
polkadot.network/Polkadot-lightpaper.pdf

DISCLAIMER

STAKING FACILITIES