

@THEBLOCKCHAINCODERS

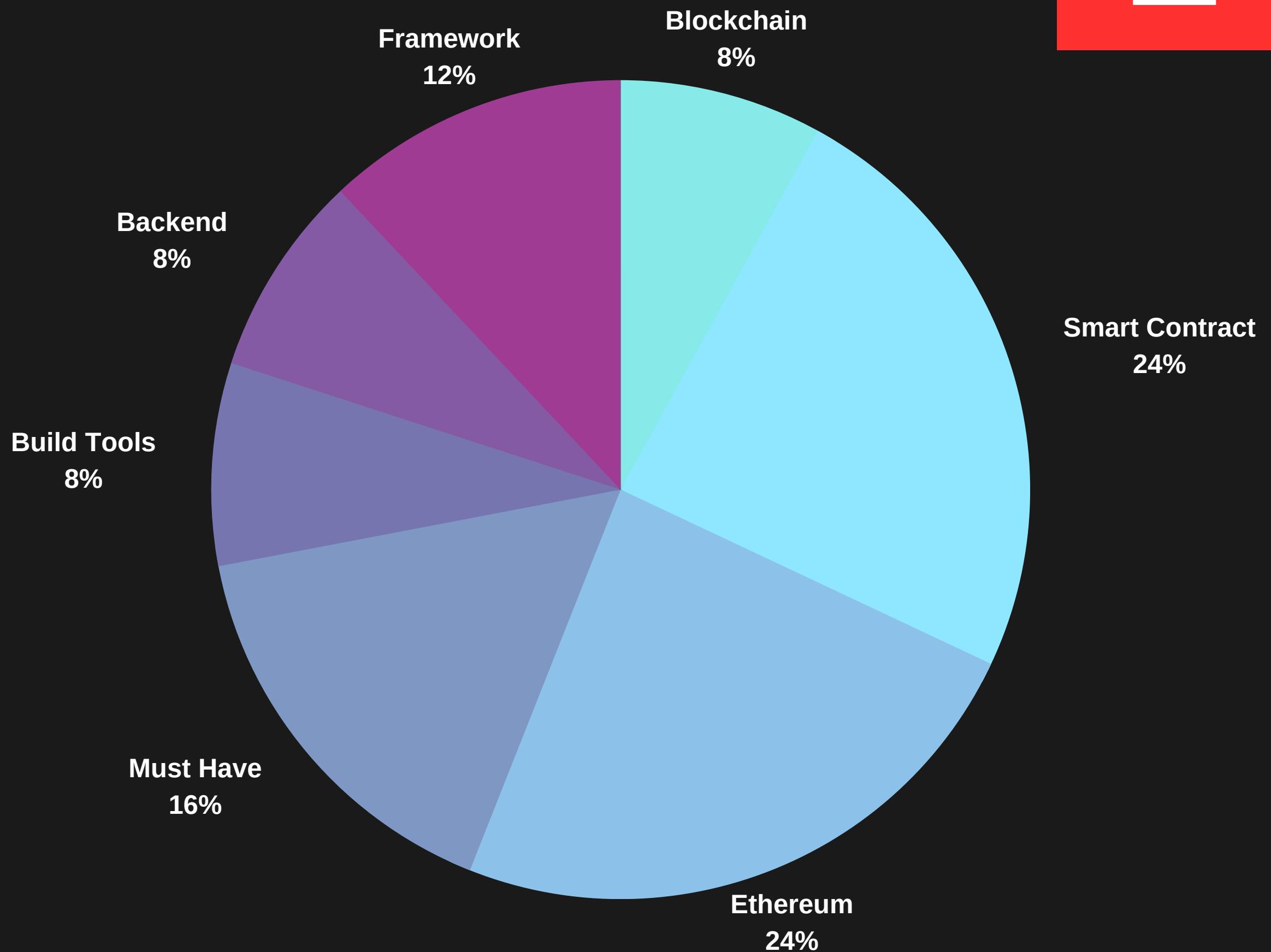
# DEFI ROADMAP

MASTER DEFI DEVELOPMENT 2023

# DEFI DEVELOPER MODULE

*Master Defi (Topics) 2023*

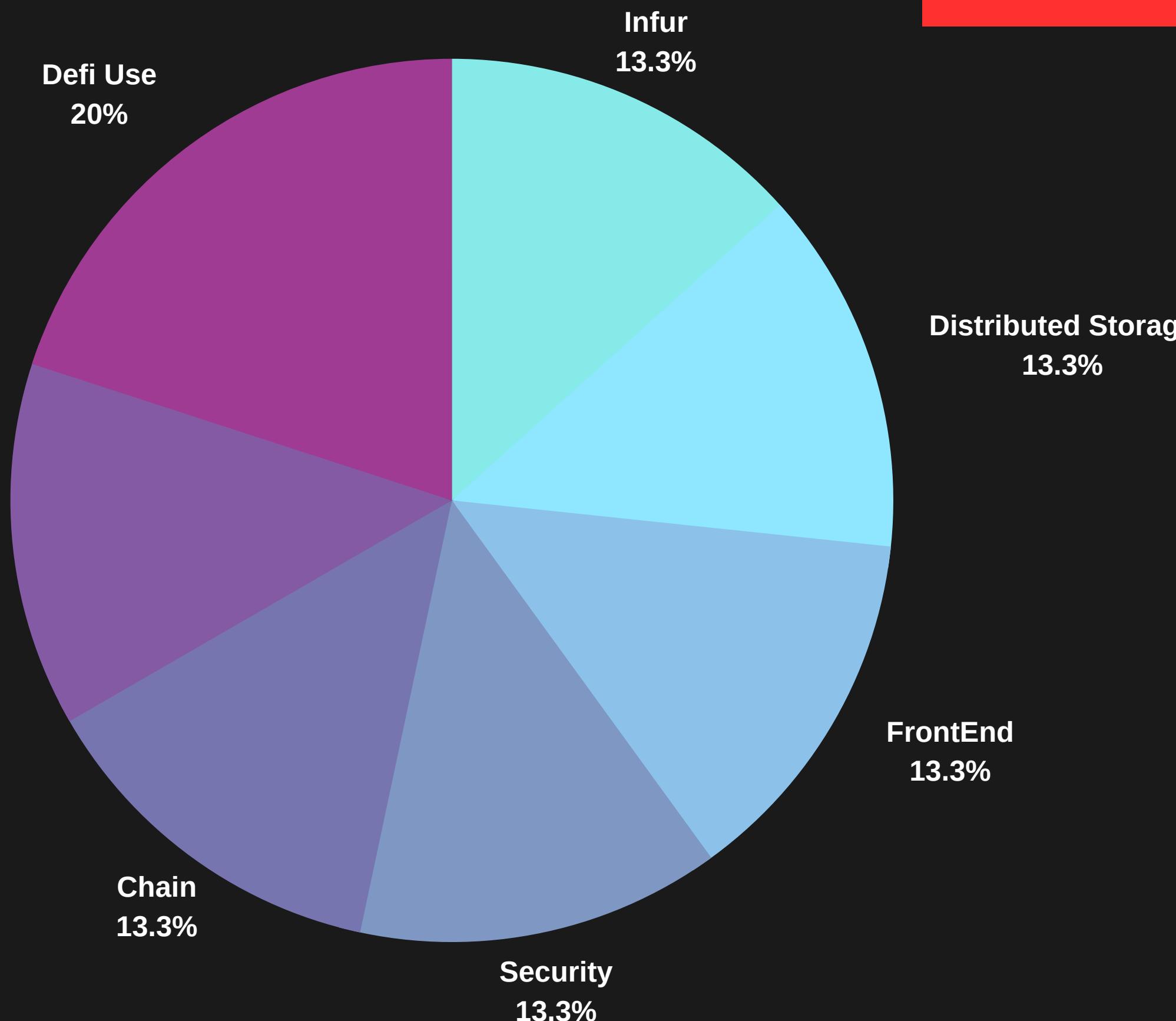
- BLOCKCHAIN
- SMART CONTRACT
- ETHEREUM
- MUST HAVE
- BUILD TOOLS
- BACKEND
- FRAMEWORK



# DEFI DEVELOPER MODULE

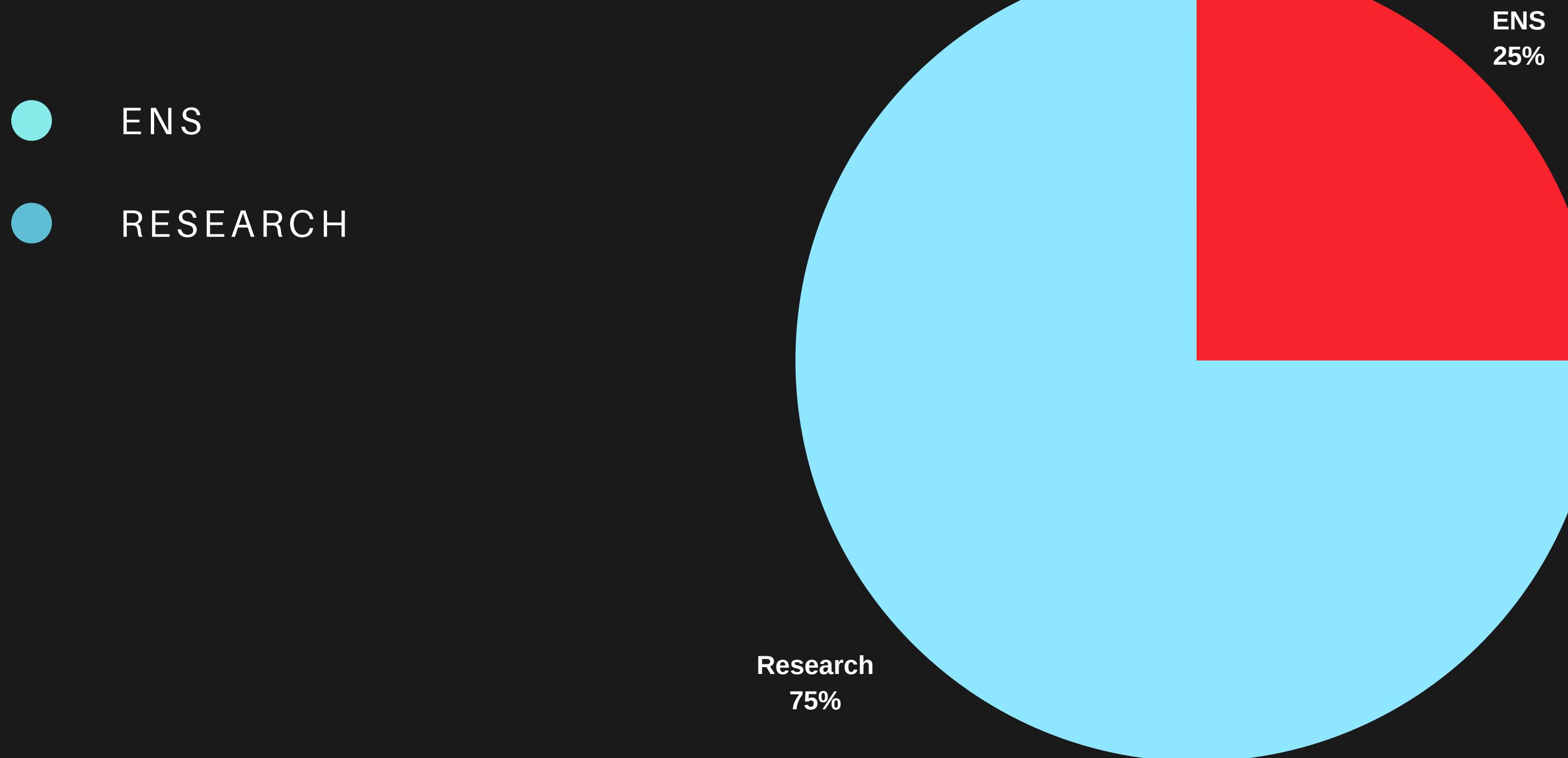
*Master Defi (Topics) 2023*

- INFURA
- DISTRIBUTED STORAGE
- FRONTEND
- SECURITY
- CHAIN
- ETHEREUM FUTURE
- DEFI USE



# DEFI DEVELOPER MODULE

*Master Defi (Topics) 2023*



# BLOCKCHAIN

## Topic (1)



BITCOIN WP



DISTRIBUTED  
LEDGER (DLT)



ELLIPTIC CURVE  
CRYPTOGRAPHY  
(ECC)

# SMART CONTRACT

## Topic (2)



COMPILING, TESTING  
AND DEPLOYING  
CONTRACT



BASIC OF SMART  
CONTRACT



ETHEREUM HIGH  
LEVEL LANGUAGE



LIFE CYCLE OF  
SMART CONTRACT

# ETHEREUM

## Topic (3)



ERC20, ERC721,  
ERC1155



ETHEREUM  
VIRTUAL MACHINE  
(EVM)



ETHEREUM  
NETWORKS(MAINNET,  
TESTNET)



ETHEREUM  
TRANSACTION WITH  
WALLET



ETHEREUM  
CLIENTS/NODES  
EG (GETH)



INTERACTING  
WITH  
DEPLOYMENT  
SMART CONTRACT



WALLET,  
ADDRESS,  
GAS, PRIVATE &  
PUBLIC KEYS

# MUST HAVE

## Topic (4)



GIT - VERSION CONTROL  
(GITHUB, BITBUCKET, GITLAB)



HTTP/HTTPS, RPC  
PROTOCOL



BASIC WEB2.0



PYTHON



JAVASCRIPT

# BUILD TOOLS

Topic (5)



PACKAGE  
MANAGERS

PNPM

YARN

NPM



BUILD TOOLS

SOLIDITY

VYPER

SERPENT



IDES

REMIX ID

ETHFIELD

# BACKEND

## Topic (6)



JSON RPC



ETHEREUM EVM



DEPLOYED  
CONTRACT



ABI

# FRAMEWORKS

Topic (7)



RARE



TRUFFLE



HARDHAT



DAPP TOOLS



BROWNIE

# TESTING

## Topic (8)



TRUFFLE



HARDHAT



SOLIDITY



GANACHE



MOCHA



DRIZZLE

# INFURE

## Topic (9)



MAINNET



ROPSTEN



POLYGON



KOVAN



RINKEBY



IPFS



LOCALHOST

# FRONTEND

Topic (10)



REACT JS



NEXT JS



VUE JS



HTML, CSS, JAVASCRIPT



ANGULAR

# DISTRIBUTED STORAGE

Topic (11)



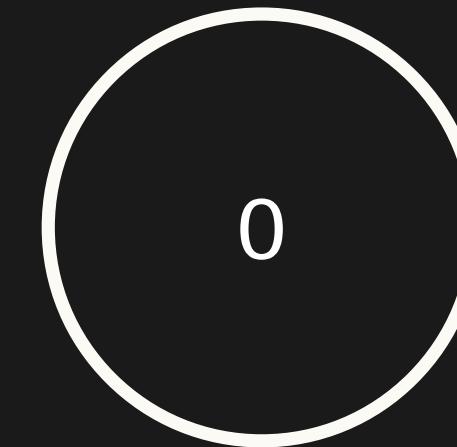
IPFS



SWARM



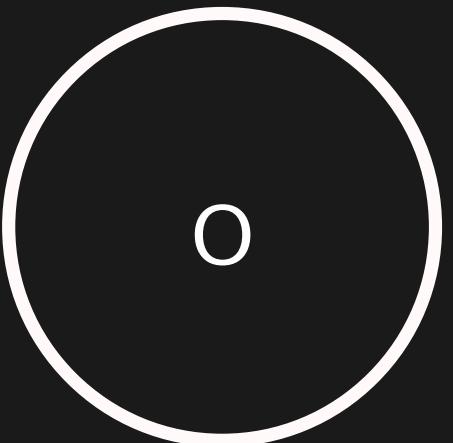
SIA



STOREJ

# SECURITY

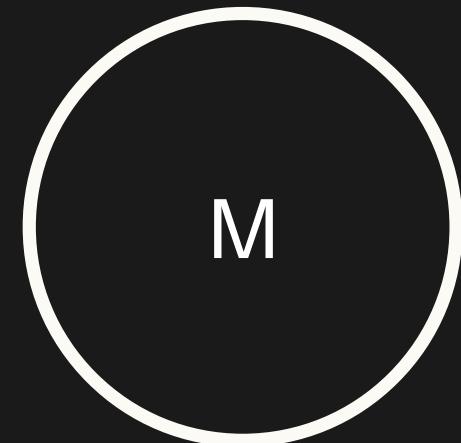
## Topic (12)



FORENSIC



CHECKLIST  
TESTING



KNOW ATTACKS  
REPEATING



TX ANALYSIS



THE SCOPE OF  
AUDIT

# CHAIN

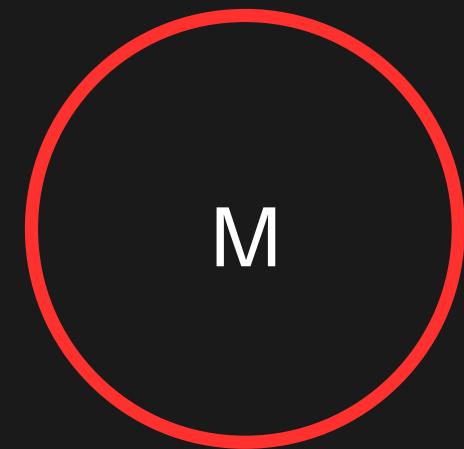
## Topic (13)



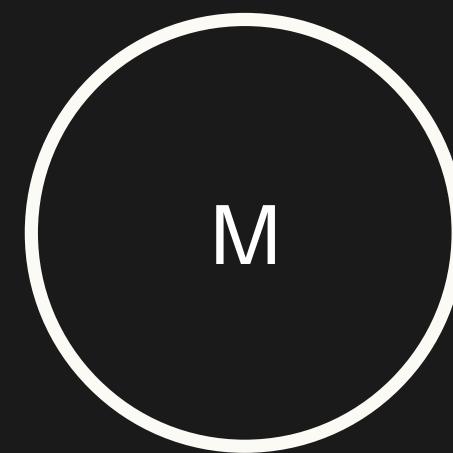
DEX



SIDE CHAINS



BSC/POLYGON/SOL  
ANA



MEV

# L1/L2 SOLUTIONS

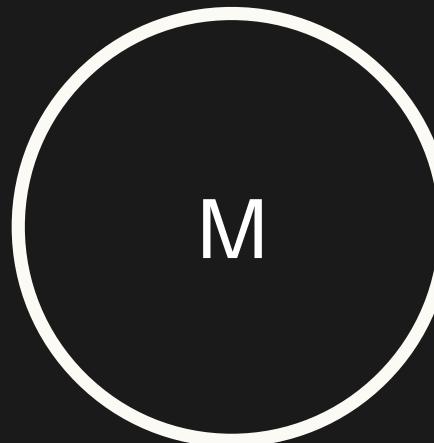
Topic (14)



ZK-ROLLUPS



OPTIMISTIC  
ROLLUPS



STATE CHANNELS



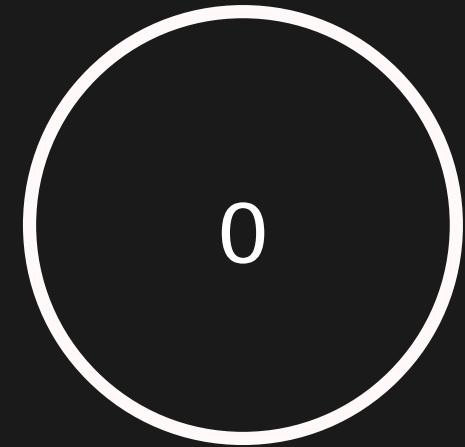
PLASMA



RESEARCH BASE  
CHECK

# ETHEREUM IN FUTURE

Topic (15)



EIP 1559



ETHEREUM 2.0

# DEFI USE CASE

Topic (16)



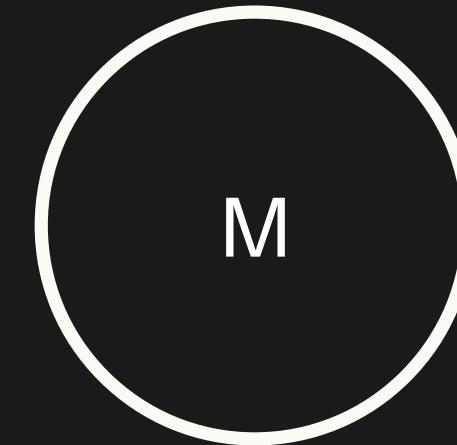
LENDING



FARMING



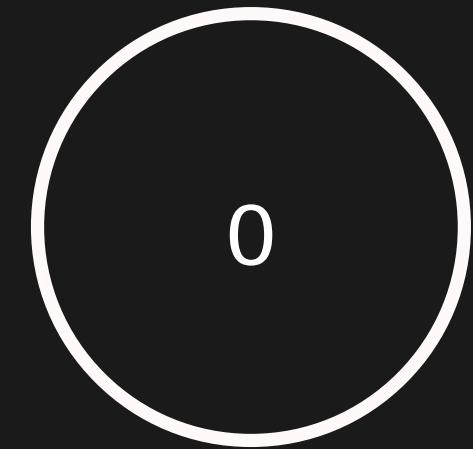
STABLE



NFTS

# ENS

Topic (17)



ETHEREUM NAME  
SERVICE



RESOLVER

# Get job ready



by Daulat Hussain

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