

Rebuild Internet With Web3

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GM of Asia, DFINITY Foundation

 @herbertyang

An Introduction to DFINITY & ICP

SuperChain-AI · 2023/12/17

ICP

is ... ?

ICP

is one of the **largest L1 blockchains**

is the most **misunderstood blockchain**

has the most **hard-to-believe technology**

is one of the most **vibrant developer ecosystems**

Herbert Yang

GM of Asia, **DFINITY** Foundation

Head of Startup, **Amazon Web Services**, Greater China

Director, **Yunfeng Fund** (Jack Ma & David Yu)

Deputy Secretary-General, **Wuzuoren International Foundation of Fine Arts**

CEO, “**Bodhi & Friends**” animation series (under Great Eagle Group in Hong Kong)

CFO, China Mobile’s “**12580**” service & **Impression Wonders Art**

GE Capital / GE / Stanford University / National University of Singapore

Founder, 3x in Beijing & Palo Alto, CA



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Blockchain Singularity

Where the majority of the humanity's
online systems run **100%** on **blockchain**



DFINITY

DFINITY, non-profit foundation, since **Oct 2016**
Founder & Chief Scientist, **Dominic Williams**
HQ, **Zurich, Switzerland**
Largest R&D organization in blockchain
dfinity.org

1,600 research papers
100,000 academic citations
250 technical IPs
270 full-time employees

a16z POLYCHAIN CAPITAL

ELECTRIC CAPITAL

GREYCROFT



SCALAR CAPITAL

WANXIANG BLOCKCHAIN LABS
万向区块链实验室

SNZ FENBUSHI CAPITAL

ZhenFund
真格基金

ANMI Capital

Aspect VENTURES

SVAngel

AMINO CAPITAL

Our Team

All Leadership R&D Operations

Founded **Oct 2016** Research Centers **4** Team Members **250**



What is Internet Computer Protocol ?

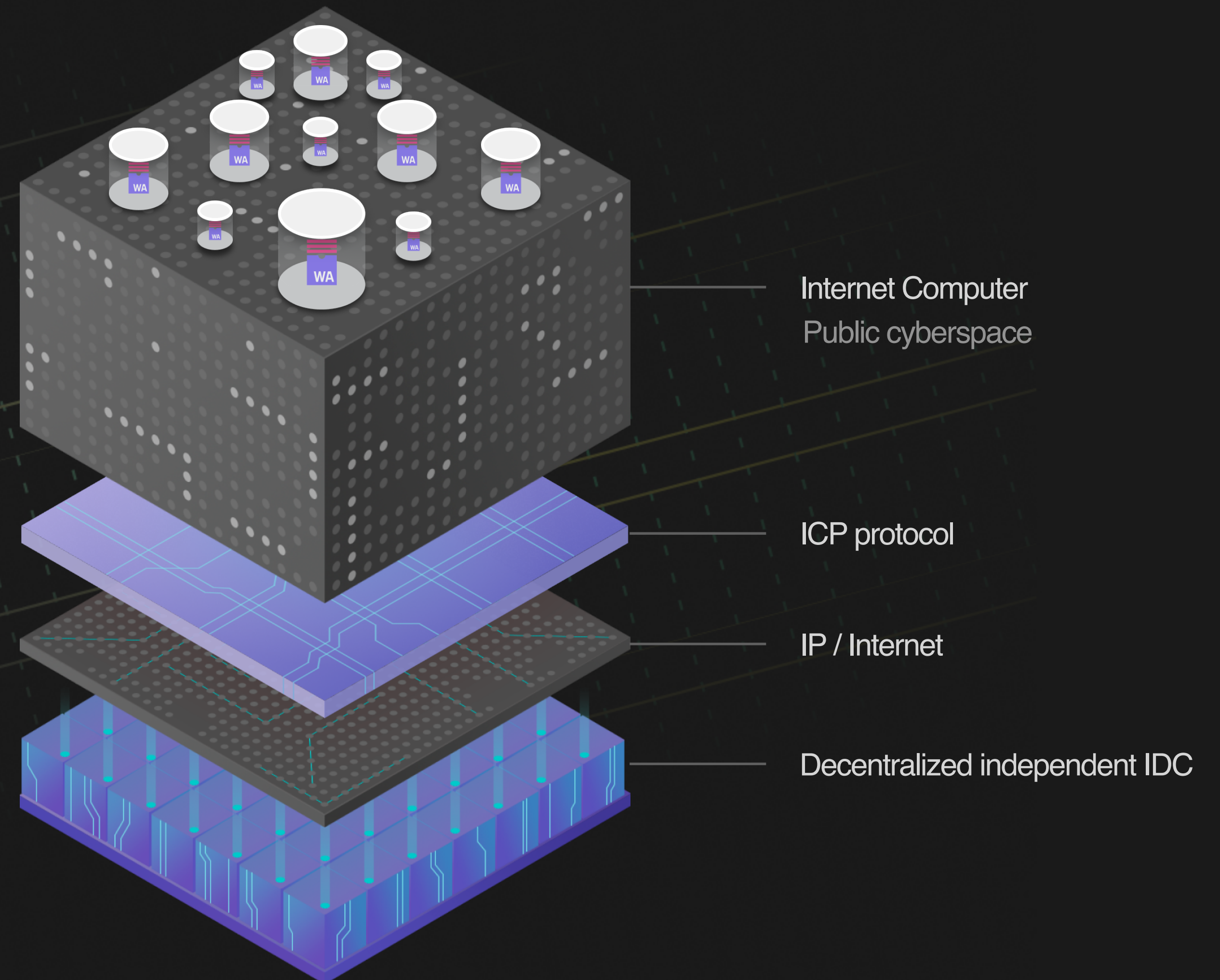
Canister x Smart Contract

Chain Key Technology

Network Nervous System (“NNS”)

Reverse Gas Model

Internet Identity (“II”)



Landscape of Crypto Industry

App Layer

Wallet, DID

NFT

DeFi

Stable Coins (USDT, USDC, DAI, BUSD, TUSD)

Metaverse + Game

Data Storage

Oracle

L2

Stacks

Polygon Arbitrum ImmutableX
Optimism ZkSync Loopring
Aztec Base

L0/1

Digital Gold

Ethereum & and its many "killers"

Infra

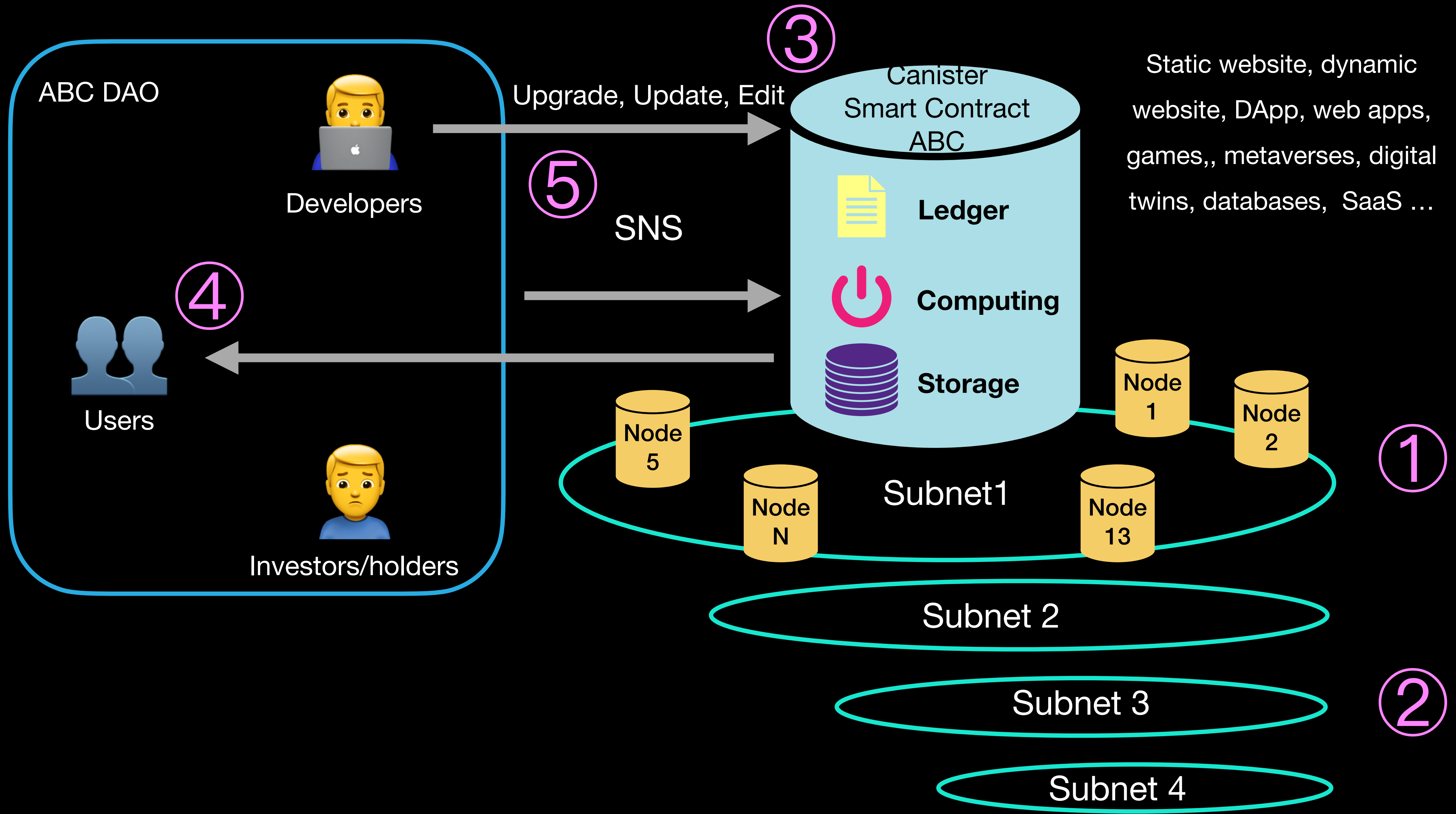
BTC

ETH, Solana, Avalanche, NEAR, Algorand,
BNB, Polkadot, Cosmo, Cardano, Aptos,
Sui, Klaytn, EOS, Conflux

ICP

Filecoin, Arweave,
Chainlink, Helium,
Golem

Unlock Full-Stack Web3



Why Should You Join the IC Ecosystem?



Jan Camenisch



Ben Lynn



Jens Groth



Victor Shoup



Andreas Rossberg

Work with the best scientists, researchers and engineers in cryptography and computer science

Deploy your web apps directly on-chain with only fraction of costs from cloud computing

Transfer your traditional Web2 skills seamlessly to fully leverage ICP's full-stack Web3

Cover wide spectrum of industry verticals to build an expansive career in tech



DFINITY Developer Grants Program



\$200,000,000

dfinity.org/grants

Dev Tooling Infrastructure Integration & API DApps Canister Dev Kits & Agents DeAI Multichain Oracle
Service Crosschain Messaging DAO Tools Multichain Wallet DEX ckBTC BTC-backed Stablecoin Ordinals
Marketplace IC Gamekit DID DePin/IoT App Dev Platform HTTPS Outcalls

The Big Bang of Web3 DApps



Traditional Web2	Built on ICP	Site
Wechat, Telegram, Whatsapp	OpenChat	oc.app
Youtube	DSocial	dsocial.app
MetaMask	AstroX ME	astrox.me
Linkedin	Distrikt	distrikt.io
Gmail, Protonmail	Dmail	dmail.ai
Reddit	DSCVR	dscvr.one
Medium, Substack	Mora	mora.app
Binance	IC Lighthouse	icdex.io
Spotify	Itoka	beta.itoka.xyz
Decentraland, Sandbox	Shiku	shiku.com
ETH L2	Bitfinity Network	bitfinity.network
TickTok	Hot-or-Not	hotornot.wtf
chatGPT/OpenAI	Edge Matrix ("EMC")	edgematrix.pro
Sotheby's	Yumi	yumi.io



Internet Computer is for ...

Technologists with conviction in **decentralization**

Builders with tech skills to **create value**

Rebels with desire to **disrupt** the status quo

Web3 futurists with belief in **data sovereignty**

➔ dfinity.org/grants

