





About

About IAMX



Buy everything with 1Click.

Access things, prove your identity, vote
and cross borders with your biometrics.



Problem

Problem Emerging Markets

1,4 Billion People have no Identity.

1 in 2 Women in low income countries have no identity.

237 million children under 5 have no birth certificate.

Without identity, there is: no ownership, no economic progress,
no prosperity, no legally binding actions.

Problem Developed Markets

400 days of your life:

You fill in forms online

You do an Ident or KYC process

like 4 bn other customers

over and over.



Market

Market Size 2022

| | Mio | Share |
|--------------------------------|-------|-------|
| World Population | 7.954 | |
| Children (0-14) | 2.024 | 25% |
| Working Age (15-64) | 5.187 | 65% |
| Elderly (65+) | 742 | 9% |
| No Proof of Identity | 1.337 | 17% |
| Sub-Saharan Africa | 494 | 6% |
| South Asia | 312 | 4% |
| East Asia & Pacific | 74 | 1% |
| Worldwide Mobile Phone Numbers | 7.950 | 100% |
| Worldwide Unique Mobile Phones | 5.747 | 72% |
| Worldwide Unique Smartphones | 4.835 | 61% |



Solution

OUR TOKEN BASED SSI IDENTITY SYSTEM ENABLES LEGALLY BINDING ACTIONS **IN 1CLICK**



E-Commerce



Continuing Obligations



Finance



Notarization

Shopping Flights

Insurance Telco

Bank Loan

Real Estate Assets

Internet 2.0
Time

Form
5 Minutes

Ident
5 Minutes

KYC
15 Minutes

Public, Notary
Time

Authentication
45 Minutes

Internet 3.0
Time

IAMX 1Click-Fulfillment
1 second

Comparison: PayPal-Checkout enables certain Shopping Partners, based on post address and payment.

IAMX enables the proof of whole set of attributes and properties needed by the verifier, in order to be able to legally binding interact, e.g. authenticated passport-no, first name, last name, street, street no, zip, city, country, birthdate, place of birth, nationality. IAMX also enables organizations and enables control of assets such as real estate.

OUR TOKEN BASED SSI IDENTITY SYSTEM PROVIDES BIOMETRIC IDENTITY ON **STATE LEVEL**



Face



Iris



Fingerprints

Why It Matters?

1,4 billion people in the world are unable to prove their identity and therefore lack access to vital services including healthcare, social protection, education and finance.

The majority live in Africa and Asia and more than a third are children who are unregistered.

Our Contribution

The impact for the people, resulting from our contribution, is the highest in emerging markets.

We have developed a terminal, consisting of scanner, biometric camera, touch screen display screen, payment that provides biometric identity consisting of face, iris, fingerprints still, fingerprints rolled.

We issue this biometric identity chained (combining 4 unique biometrics identifiers) to the holder.

Identity is the premise for ownership and legally binding interaction. Identity is like a Minecraft building block 1 for prosperity.

BIOMETRIC IDENTITY GATEWAY



Biometric Identity Gateway

Customer Mass Onboarding via Terminal Biometric Identity Gateway.

Hardware: Ready built terminal. 296cm high, 242 kg (...) Scanner and Biometric Camera state-level.

Gateway to convert credentials from the real world, such as state issued documents (ID, driver's license, diploma) to verifiable credential set containers.

Provide biometric IDENTITY of face, iris, fingerprints still, fingerprints rolled.

Recovery Function: Wallet Recovery via Biometrics. No more seed recovery phrases necessary.

A. Create Biometric ID

1. Customer goes to Terminal
2. Customer chooses >new biometric ID
3. Terminal creates biometric ID: face, iris, fingerprints
4. Terminal creates Import QR-Code for biometric identity
5. Customer receives Import QR-Code
6. Customer chooses 2FA Import-PIN. Connects Import QR-code with permission to receive the VCC.
7. Customer chooses new wallet or existing wallet

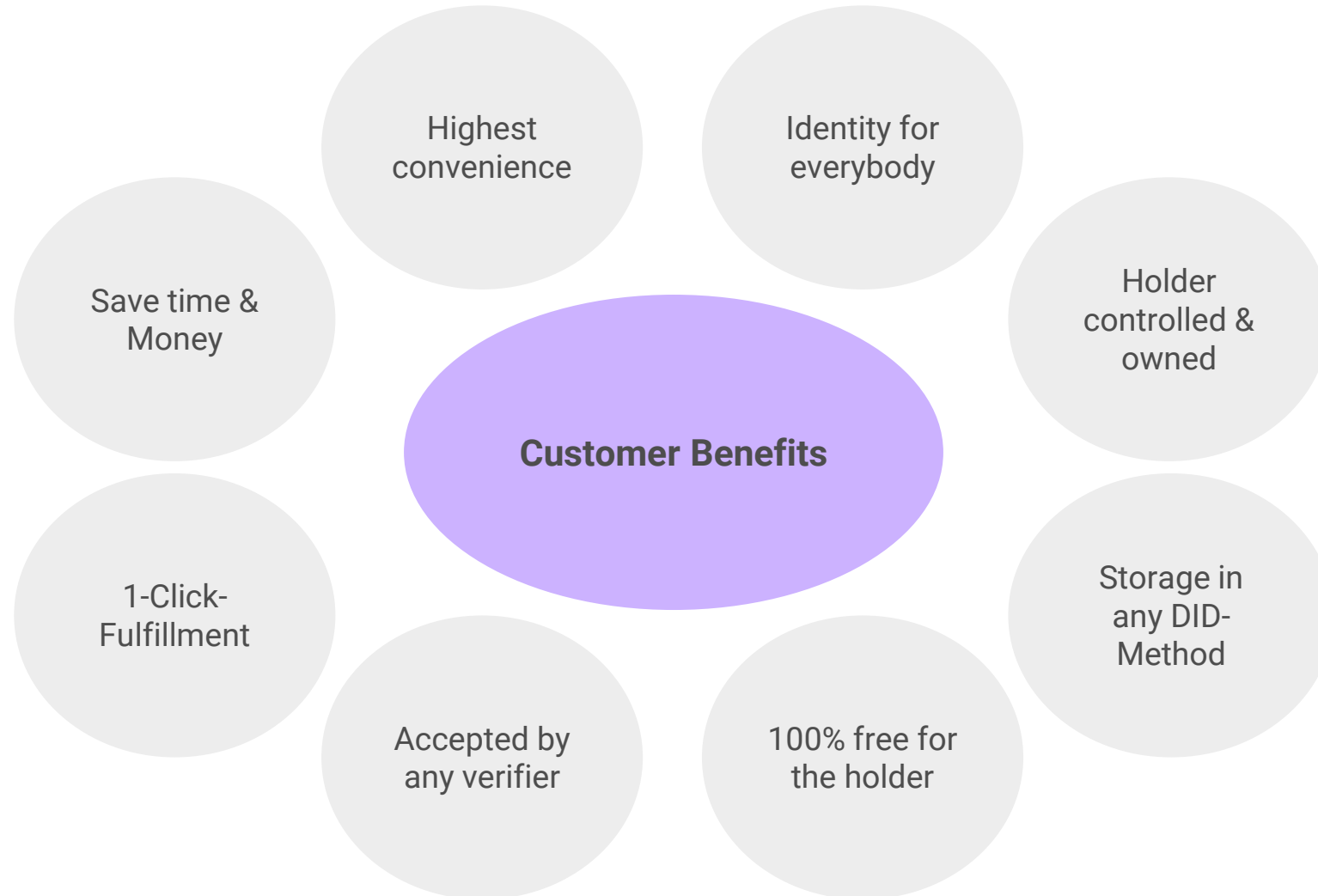
B. New Wallet

1. Customer scans the Download-QR-Code to install the wallet on the smartphone. Customer can use free WLAN to download and install the app.
2. Customer scans Import-CR-Code or opens the app and chooses import data
3. Customer fills in 2FA
4. Import VCC to Wallet, creation of DID and keypair private and public key, VCC in DID

C. Existing Wallet

1. Customer scans Import-CR-Code or opens the app and chooses import data
2. Customer fills in 2FA
3. Import VCC to Wallet, creation of DID and keypair private and public key, VCC in DID

Customer Benefits





Business Model

BUSINESS MODEL ARCHITECTURE

Holder

- Gets it for free
- 100% ready product with business cases
- Save time and money
- Highest convenience

Where can this be used?

1. IAMX identity connects people (you), organisations (smart contracts) and things (real estate, cars, autonomous driving) via IVC and gateway.
2. Internet: 1CLICK-Fulfillment
3. Metaverse: identify, interact legally binding, gateway to any API

IAMX credentials enable for holder and verifier:

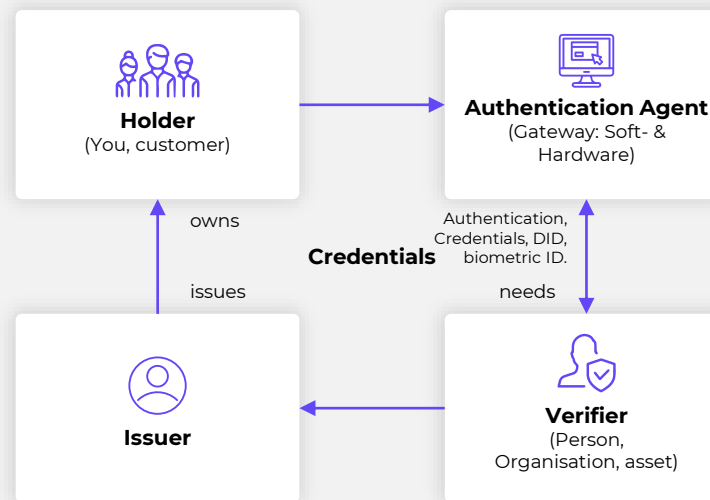
- Decentralized,
- Asynchronous workflows and smart contracts in 30 BUSINESS CASES per developed country:
- Telco, games, paid editorial content, bank, real estate, finance, abos, streaming, rental car, food order, hotel booking, e-commerce, mobility, loan, food delivery, foodboxes, loyalty, price comparison sites, intellectual property, assets
- All in real-time with 1click-fulfilment whilst both saving time and money

Creation of verifiable credentials

Attributes are converted via a technical process [IAMX Allegra, ZKP, GDPR proof] to IVC including: ..., source, timestamp, certificate of authentication agent, certificate of issuer.

Holder and Verifier

- Safe time and money executed in highest convenience,
- Most solid contract right, 0 fraud, copy proof, digital rights management.
- Authentication agent Gateway 2 operates on state-level | enables holder to create its credentials immediately | enables identification and authentication



Type: Gateway

Role: enable workflows, connect real world and chain world.

1. Gateway 1: Software Conversion of attributes to IVC in IAMX Allegra Model from Level1-partners (patent filing).
2. Gateway 2: Hardware
 - a. plastic and paper to VC,
 - b. adding ID, adding biometrics face, iris, fingerprints (chained) and
 - c. providing the most solid form of biometric ID as a credential set to deliver identity [emerging markets]

Partner: Telco

Type: Seller, Interactor

Role: profit-oriented





Function: Holder Onboarding

1. Additional Revenue Stream for the telco: x% of recurring revenues by monetizing the onboarded holder transactions to the Fortune 1.000 partners via the IAMX gateway (business cases)
2. Saving 14% in process and fraud costs.
3. First Mover approach to offer in their branch the first internet based 1CLICK-Fulfillment Customer acquisition.

IAMX verifiable credentials (IVC) as the foundational element for self-sovereign identity (SSI)

REVENUE STREAMS AND NET RESULT CONTRIBUTION FOR THE TELCO PARTNER VIA IAMX



| |  Voucher |  Travel |  Insurance |  Utilities |
|---|--|---|--|--|
| Revenue per Sale Onetime Sales Commission | 0,25 USD | 2,50 USD | 25,00 USD | 25,00 USD |
| Lifetime Revenues Recurring Revenues | | | Confidential % | Confidential % |
| Years Contract Duration Recurring Revenues. Average | | | 12 | 5 |
| Net Result Contribution | 3 USD per Customer per Year | | | |

Valid for Telcos in developed Countries.

MARKETPLACE-APPROACH: BECOME STANDARD BY DE-FACTO-USAGE



Telco



Germany
Austria



United
Kingdom



Ghana



Zambia



India



+ 44 More

Terminal



Berlin
Vienna



London



Accra



Lusaka



Mumbai
Delhi



New York
Shanghai
Osaka

1 Click
-
Fulfilment

IAMX Verifiable Credential Container Sets, that are trusted by any Verifier.
Storage in any DID method | Biometric Identity | Conformity: GDPR, AML.
Customer-owned, customer-controlled Identity-Wallet.

Gateway: Verification by any Verifier, Fulfillment and Monetization of each transaction with e-Commerce Revenues.

700 Business
Cases from
Fortune 1,000



Mobile Plan,
Games,
Vouchers



Membership,
Real Estate as
Collateral



Micro-lending



Proof Real
Estate



Electronics



Rental Car,
Streaming, Paid
Editorial Content

30 business cases live per country for onboarding each telecommunication partner.



Competition

Competition and Evaluation

1. Auth0: \$6.5B (acquired by Okta)
2. Clear: \$4.5B (going public)
3. ForgeRock: \$3.5B (going public)
4. Ping Identity: \$1.2B (went public)
5. Ekata: \$800M (acquired by MasterCard)
6. Kount: \$630M (acquired by Equifax)
7. Transmit Security: \$543M
8. Trulioo: \$394M
9. 1Password: \$200M
10. Jumio: \$150M
11. Evernym (acquired by Avast; the purchase price was not disclosed)
12. Spruce (raised \$7,5M 1st round, the amount of sold shares was not published)
13. Onfido: \$100M
14. OneLogin: \$100M
15. ID.me: \$100M
16. Beyond Identity: \$75M
17. Veriff: \$69M
18. ID R&D: \$49M (acquired by Mitek)
19. Hypr: \$35M
20. Incode: \$25M
21. Paravision: \$23M



Technology

STAKEHOLDER ADVANTAGES

Buy everything with 1Click. Access things and verify your identity with your biometrics.



| | HOLDER | VERIFIER | TELCO | STATE |
|---|---|--------------------------------|--------------------------------|-----------------------|
| Enables | Biometric Identity Verifiable Presentation | Customer Acquisition | Monetizing Customer Base | Decide Currency |
| Lifetime Benefit | Ownership Decentral Storage | Profit Contribution | Profit Contribution | Taxation |
| How to Exercise It | Identity Wallet Smart Contract | Rules Engine Smart Contract | Rules Engine Smart Contract | Law Smart Contract |
| All In Common | Enable blockchain and internet based interactions and transactions. Safe time and money. Direct 0 fraud exchange of service, product, payment, taxation. | | | |
| All in common IAMX Gateway. Storage verifiable credentials in any DID is supported | 1Click Fulfillment | | | |

THE TECHNOLOGY

SOFTWARE | IAMX VERIFIABLE CREDENTIAL CONTAINER SETS

Pre-authenticated verifiable credential set containers, that are [trusted by](#) any verifier, [owned and controlled by](#) the holder, portable, [issued by](#) the telco as an authentication agent for this pre-authenticated data.

[[IP Filing](#): Authentication of persons, organizations, things, properties, attributes and credentials via a technical procedure for providing zero-knowledge proof between entities].

GDPR-conformity by design, ZKP by design.

Low transaction costs and high speed processing due to low computational resources by design.



THE TECHNOLOGY

HARDWARE | INFRASTRUCTURE | TERMINAL

Provide **biometric IDENTITY** of face, iris,
fingerprints still, fingerprints rolled.
Chaining of unique identifiers



Authenticate 200 passports, match
person on passport and physical person
via matching by biometrical camera,
issue verifiable credential container sets
to the holder, issued by the terminal as
an authentication agent for this
physically authenticated ID, signature of
authentication agent terminal.



Create IAMX Verifiable Credential
Container Sets



Conformity: GDPR, AML, AFIS, FBI
Appendix F. API FIND, MIND.



AML: IAMX enables the proof of whole set
of attributes and properties needed by
the verifier, in order to be able to legally
binding interact, e.g. authenticated
passport-no, first name, last name, street,
street no, zip, city, country, birthdate,
place of birth, nationality.

Verifiable Credentials | Current Technology vs IAMX

| | Current Technology | Gateway 1: Telecommunication Partner | Gateway 2: Biometric Terminal |
|--------------------------|--|--|--|
| Source | Passport Other documents, sources | Passport Other documents, sources | Biometrics Passport Other documents, sources |
| Authentification | Smartphone Other process forms | Identification by the use of Post-Ident, Video-Ident by partners, checking identity in state governed sectors. Telecommunication Sector. | Hardware: Scanner, authenticates 200 passports. Used in states of developed countries. Biometric camera. Software. |
| Issuer | Various | Partner with pre-authenticated data | Biometric Terminal |
| Storage | Link, leading to a scan or a picture. Some solutions decompose passport contained info into attributes and store those attributes. | No storage of personal data. Storage, that Authentication Agent has authenticated the x attributes needed by the verifier. Embedded scheme, unchangeable meta-info, timestamp, certificate of issuer and certificate of authentication agent. | No storage of personal data. Storage, that Authentication Agent has authenticated a) Biometric Identity of face, iris and fingerprints, possible to combine with b) X attributes needed by the verifier, in container sets c) Adding of biometrics to the attributes |
| Hash | Yes | Yes | Yes |
| Encryption | Yes | Yes | Yes |
| GDPR | GDPR applies due to storage of personal data. Access needs to be granted to change, delete data. This is not possible, if holder uses his master key phrase. | No storage of personal data. GDPR does not apply. Absolute anonymization through the use of verifiable data containers. It is not possible to assign the data to a known person. | No storage of personal data. GDPR does not apply. Absolute anonymization through the use of verifiable data containers. It is not possible to assign the data to a known person. |
| AML Conformity | No | Yes: Post-Ident, Prepaid Europe. | Yes: Usage with Passport. Credentials are only generated, when credentials derived from attributes are fully matching with biometric camera. |
| State Conformity | Various | Various | AFIS, FBI Appendix F, MIND, FIND |
| Quantum proof encryption | No | Yes. Handshake based. | Yes. Handshake based. |



Roadmap

Roadmap IAMX



| | H1 2022 | H2 2022 | H1 2023 | H2 2023 | H1 2024 | H2 2024 |
|--|---|---|---|--|---|--|
| Telecommunication Partners Live | | 3 | 11 | 23 | 34 | 49 |
| Biometric Identity Terminals Live | | 500 | 1.000 | 1.750 | 2.500 | 3.000 |
| Business Cases Live | 40 | 120 | 270 | 590 | 700 | 840 |
| Wallet | IAMX Identity Wallet Mobile & Desktop | IAMX Identity Wallet Cardano Integration including stable coins | Integration in 3 rd party Wallets | Storage in additional DID methods | Delegated Identity Testament Function | White Label Wallet |
| API | Open SDK / API for 3 rd Party | 12 3 rd party plug-ins for standard solutions | Single Sign-On OAuth2 IAMX Token Marketplace | | | |
| Innovations | Real Estate as Collateral on Chain | Biometric Recovery Rules Engine Smart Contracts | Self-Onboarding via NFC Enterprise Solution | Digital Document Signature with DID Physical Access Control | Aviation Key End2End Encryption based on DID Keys | Autonomous Driving Delegated DID IoT |
| Funding | Initial Stake Pool Offering Private Sale, Institutional Sale | | | | | IPO |



Team

TEAM



**Tim
Brückmann**

CMO, Co-Founder

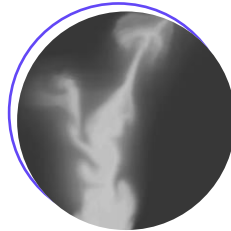
Architect of the team, MBA (marketing, controlling, economy East Asia), CMO [handy.de](#), Co-Founder and stakepool operator of [StakeforFuture.org](#) [AZU L], co-founder and former CEO of wunderwerk eco fashion & wunderwerk e-commerce, 25 years marketing and sales expertise, expert in sustainable lifestyle products, 10 years climbing partner of Jochen CTO, 25 years coop with Tim CEO, PADI Divemaster, winner Bundespreis ECODESIGN, winner PETA award



**Tim
Heidfeld**

CEO, Co-Founder

Tim has operational Know-how and strategic expertise from e-Commerce and electronics marketplaces Scout24, Allianz24, moneysupermarket.com, preis24.de, handy.de. Tim has a direct personal connection to the business cases and the telecommunication companies based on his operational work. His core competence is business development. Tim is a Certified European Financial Analyst. Sport Passion: Racing bike Enthusiast.



**Garry
Ledge**

CFO, Co-Founder

30 years of financial / tax / legal / management / CFO operational expertise in various companies and strategic know-how from consulting.



**Jochen
Leinberger**

CTO, Co-Founder

UX Design & SW Development, Digital Product Development & Toolchain management at German Car manufacturer, Telekom new Products & Innovations Department Bonn (Smart Home, Entertain, Retail Solutions, Payment)



**Dr. Carl Frieder
Schuppert**

COA

Co-Founder of TrueNorth Management Consultants PartGmbH, PhD in economics Roland Berger, Management Consultants – Corporate Performance, CEO in media companies i.a. with Holzbrinck Publishing Group



**Dennis
Mittmann**

Chief Solutions Architect

Dennis has his background based on high traffic web services in high availability environments and scalable real-time data services. Database Architect, Payment-Systems, Statistics 5+ years Tech Lead Database Developer, 8+ years Team Lead Web Developer, Blockchain since 2011

TEAM



**Andrew
Forson**

Head of Africa

MBA, PG Dip Bus Admin, STEP Dip International Trust Management, ICOSA Cert. Offshore Financial Administration, ACAMS, Mensa Member, Director of Securities and Commerce Institute. 20+ years of Investment Banking, Executive Training, and web application development in Finance, Risk Management, SaaS, and blockchain.



**André
Eilertsen**

Community Lead

16 years of experience from sales & marketing. B2B and B2C. Proud member of the Cardano Community since 2017. Blockchain enthusiast. Outdoorsman with an eco-friendly view.



**Marc
Majewski**

Advisor

22 years of performance marketing & content commerce. Founder of tech & marketing platform advanced store, B2C platform mycashbacks, and more than 6 years into blockchain (investor, advisor, entrepreneur, user)



**Lars
Schulze**

Advisor

Co-Founder UFOstart, Digital Marketing & Blockchain Advisor, Professional Digital Marketing since 1996, Blockchain since 2013



**Sebastian
Bongartz**

Advisor

Master of Science in finance, managing director of the German logistic company, more than 9 years experience in logistics (specialized in warehousing & Last Mile delivery), cost and process optimization projects in different industries, consultancy background, blockchain since 2015



**Günther
Schrammel**

Advisor

CEO NTS Retail. Passionate about Telco Retail, Experienced Owner with a demonstrated history of working in the information technology and services industry. Skilled in Integration, Management, Requirements Analysis, Pre-sales, and Business Development. Strong entrepreneurship professional graduated from Johannes Kepler University Linz.

ADVISOR



Michael Hoffman

Advisor

International E-Commerce and Digital Retail Expert in the field of Telecom, Private Aviation, and various industries. 10+ year of experience in developing Digital projects within EMEA region with a strong focus on unattended Self Service processes, especially automating Authentication and KYC processes. Degree in operations management at University of Applied Sciences, Austria // Dublin City University.



Nikolas Kroeske

Advisor

Private Equity Real Estate Portfolio Manager with a strong background in M&A advisory and financial controlling. Enthusiastic private investor constantly searching for the next big thing. Fascinated by blockchain since 2014. Graduated from Rotterdam School of Management, Erasmus University.



Felix Leithoff

Advisor

12 years experience in M&A, Head of M&A at Vaillant Group, BA in Business Management, Experienced M&A banker with a demonstrated history of working in the investment banking industry. Skilled in Corporate Finance & Corporate Restructuring. Strong professional with a Master focused in Finance & Accounting.



Alex Moreno

Advisor

Computer Engineer, CEO of IDASSA. Security Engineering Company, Systems Admin, 15 years of Security Systems Designer, Founder of Quixote Dream Project and SPO of Quixote Dream Pool and Developer of Drone Automatic Systems.



Joe Frankiewicz

Software architect and mobile app developer

Software architect and mobile app developer with ~20 years of development experience, focusing on front-end applications. Experience managing mobile applications with over 1M downloads. Co-founder of the Cardano EAGLE pool. Developer of the Pool Peek mobile application, which allows users to view and select Cardano stake pools.



Roberto C. Morano

FLOSS, DevOps and decentralization advocate

FLOSS, DevOps and decentralization advocate with more than 15 years of experience in systems integration and cloud architecture design (former AWS/GCP certified architect). Cardano ninja since Byron genesis, former Emurgo's Yoroi DevOps lead. Cardano Catalyst Pioneer as Gimbalabs co-founder. Dandelion Founder and Op. PEACE Stake Pool Op.

ADVISOR



**Jochen
Heinz**

*Software development
& data integration
specialist*

Founder and stakepool operator of Cardano Blockhouse [CBH] / B. Sc. computer science / highly specialized in data integration, data quality and data governance / 20+ years of experience in software development with different programming languages / working as a freelancer for 10+ years.



**Cardano
Expert**

*FLOSS, DevOps and
decentralization
advocate*

"A Cardano community member that occasionally surfaces to share views on Twitter. Works in traditional finance/asset management, specializing in managing strategies with an emphasis on quantitative strategies and emerging markets."



Partnerships

Partnerships **IAMX**



MELD

Blockpit

Danube Tech

WADA

And many more.



IAMX Tokenomics

IAMX Tokenomics | Detailed Information



| Type | Native Token |
|--|--|
| Value | Create a verifiable credential, or authenticate a verifiable credential. Create identity. |
| Market Comparison Value | The costs of authenticating a verifiable credential amount to 10 EUR / 10 USD |
| Credential | IAMX verifiable credential container (IVC) |
| DID | Storage on any DID is supported. Additional storage / transaction costs apply. Identity Eco System Partner of Cardano. |
| Maximum Token Generation | 33,000,000,000 |
| Maximum Float | 400,000,000,000 |
| Token Generation Event | Enabling Usage (use of Token for value = onboarding identities, credentials, transactions) |
| Functionality | Usage of the token (value) leads to generation of further tokens for the owner in the sequence 1+1+2+3+5 (reward). Equals Fibonacci sequence. Used to add evolution to the tokenomics to reach balance. |
| Information Maximum Token Generation Fibonacci | Maximum float is mathematically calculated on a 100% usage of 1+1+2+3+5 resulting in 33 bn + 33 + 67 + 100 + 167 = 400.000.000.000 (19,46^9) https://en.wikipedia.org/wiki/Fibonacci_number |
| Information Maximum Float Darwin | Evolutionary algorithms (stochastic, metaheuristic optimization methods whose operation are inspired by the evolution of natural creatures) result in the maximum float by applying replicator equations. The amount is a result of the de-facto-usage with 100% leading to 400 bn and e.g. 25% to 100 bn. |
| Information Market Size global identity in transacations | The maximum supply is derived from the worlds population of 7,9 bn in Oct 2021. Calculation: 4 bn holders with 100 transactions (value) per month. |



IAMX Tokenomics | Detailed Information

| | |
|---|--|
| Information Usage | Describes the usage of IAMX Token for creating a verifiable credential, or authenticating a verifiable credential. ID conformity with regulations, GDPR, AML money laundry, FBI and BSI approval fingerprints still and rolled. |
| Information Next Token Generation Event | Enabling Usage for new customers, new business cases, providing identity. Providing biometric identity in emerging markets with state and telco. |
| Information Governance | Self governed by rules. Right to intermediate by holder. |
| Information DNA Ratio and balance | Darwinian quantity equation in combination with fibonacci sequence to ensure that the quantity of token and the quantity of value in the economy as a whole are always in the right ratio. Designates Sponsor / Market Maker Function via exchange to provide liquidity and to reallocate the Token back to the supply with a cost+ method. |
| Information Set-up in architecture to reach the following goals regarding transaction costs | <div><div>A. Holder</div><div>1. IAMX Token is free for the holder via software gateway</div><div>2. Usage of IAMX Token is rewarded by additional Token</div><div>3. Storage Costs per DID / Ledger are supported by the Ledger tending to 0 currency storage costs if possible</div><div>4. Holder centric ownership, holder centric control</div><div>B. Verifier</div><div>1. IAMX Token with lowest transaction costs for creating and authenticating a verifiable credential container set.</div><div>2. IAMX Token fasted in processing and performance by demand of low computational power</div><div>3. IAMX Token enables decentralized, asynchronous workflows and smart contracts, with verifiable credentials, that are trusted by the verifier on any level. Technology for verifiable credentials is zero-knowledge-proof, GDPR-conform, verifier-accepted, biometric, AML-conform via Gateway Hardware and filed as [intellectual property].</div><div>4. Storage on any DID is supported.</div></div> |

IAMX Tokenomics | Detailed Information

Information
IAMX verifiable credential (IVC)

1. Software
Pre-authenticated verifiable credential set containers,
that are trusted by any verifier,
owned and controlled by the owner,
portable,
authenticated by the authentication agent.
[IP Filing: Authentication of persons, organizations, things, properties, attributes and credentials via a technical procedure for
providing zero-knowledge proof between entities.]
Conformity with rules, regulations, conformity: GDPR, AML, state law.
2. Hardware
Real word Onboarding Gateway plastic and paper to verifiable credentials via machine including scanner, biometrical camera,
touchscreen, payment.

Further Information

Lock-up period 12 months, followed by a monthly release of 1/12 over the following months.

IAMX Tokenomics | Detailed Information



| Ratio Calculation, economic foundation | | | | |
|--|---------------------------------|--------------------------|----------------------|---|
| Nr | Ratio | Ratio: 1 Token per Epoch | Ratio 1 ADA | Explanation |
| 1 | Delegation ADA ₳ | 1.460 | 1 | Amount of ADA delegation to IAMX Pool |
| 2 | APR% | 5% | 5% | Internal APR calculation Delegator |
| 3 | ADA ₳ | 73 | 0,05 | Amount of ADA based on delegated amount per year |
| 4 | Token Price ADA ₳ | 1,00 | 1,00 | Calculated Token Price with 12 Usages |
| 5 | Epochs | 73 | 73 | Amount of Epochs per Year (1 Epoch = 5 days)+ |
| 6 | Amount of Token per Epoch | 1 | 0,000684931506849315 | Amount of token per epoch based on ADA delegation |
| 7 | Amount of Token per Year | 73 | 0,05 | Epochs * Amount of Token per Epoch |
| 8 | Market Value KYC ADA ₳ | 8,33 | 8,33 | Post Ident, Video-Ident market price 10 EUR / 10 USD |
| 9 | Calculated deduction % | -76% | -76% | Deduction of Market Value KYC conservative approach |
| 10 | Deducted Market Value KYC ADA ₳ | 2,00 | 2,00 | Estimated Value of KYC conservative approach |
| 11 | Token Value ADA ₳ | 146,00 | 0,10 | Amount of token per year *Deducted Market Value KYC ADA ₳ |
| 12 | ROI% | 10% | 10% | Token Value ADA ₳ / Delegation ADA ₳ |
| 13 | Fibonacci Token Effect | 12 | 12 | First Receiver Benefit based on usage 1-1-2-3-5 |
| 14 | Amount of Token Fibonacci | 876 | 0,6 | Amount of Token per Year * Fibonacci Token Effect |
| 15 | Token Value ADA ₳ Fibonacci | 1752,00 | 1,20 | Deducted Market Value KYC ADA ₳ * Amount of Token Fibonacci |
| 16 | ROI% | 120% | 120% | Token Value ADA ₳ Fibonacci / Delegation ADA ₳ |

IAMX Tokenomics | Detailed Information



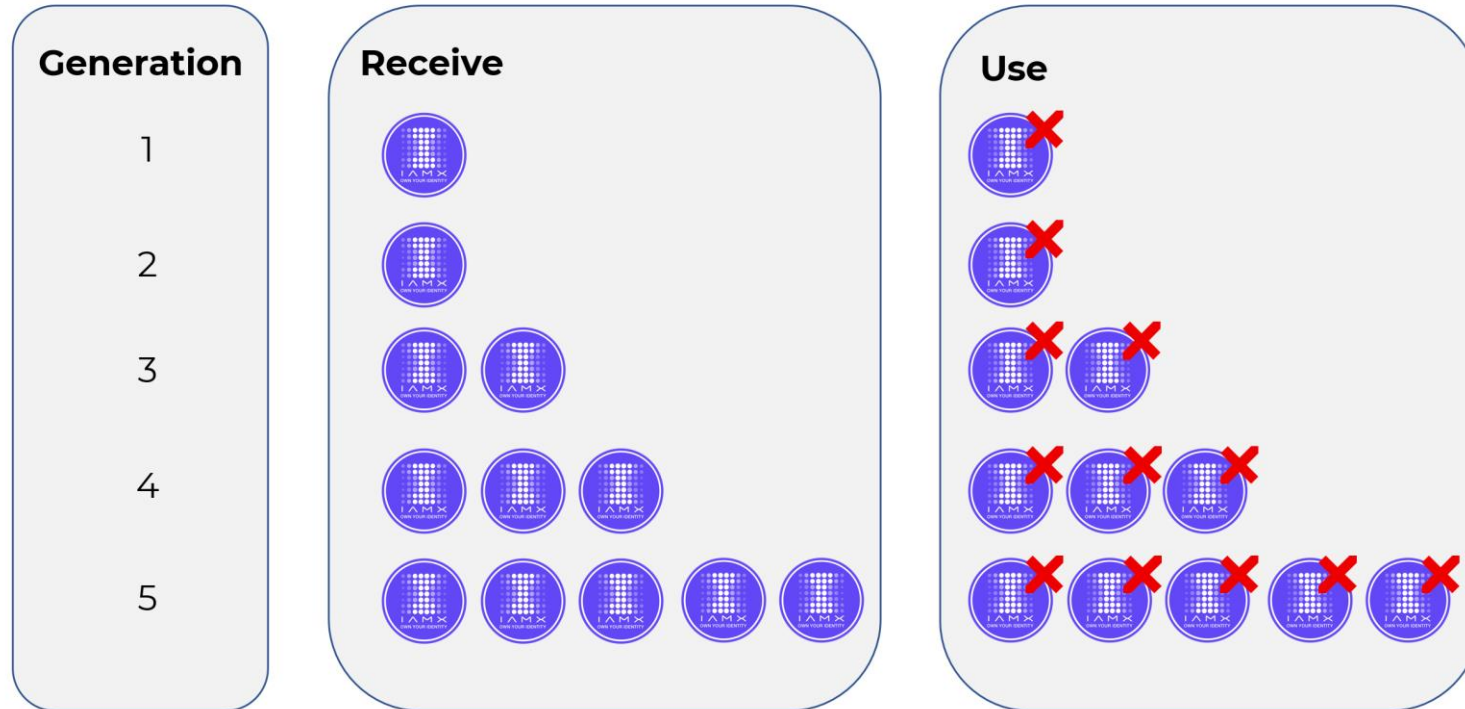
| IAMX TOKENOMICS, Details and appropriation of funds | Total Supply | Share | H1 2022 | Share |
|---|-----------------------|------------|-------------------|------------|
| I. OVERVIEW | | | | |
| Usage Total | 31.747.250.000 | 96% | 0 | 0% |
| Usage Gateway Telecommunication | 20.000.000.000 | 61% | 0 | 0% |
| Usage Gateway Biometric Identity Terminal | 2.079.000.000 | 6% | 0 | 0% |
| Usage Business Cases Authenticate | 9.668.250.000 | 29% | 0 | 0% |
| Building Hardware, Software, Business Cases | 363.800.000 | 1% | 47.700.000 | 80% |
| Ecosystem Airdrop Reward | 28.800.000 | 0% | 150.000 | 0,3% |
| Ecosystem Airdrop Reward Bonuses | 60.000.000 | 0% | 1.200.000 | 2,0% |
| Institutionale Sale | 95.000.000 | 0% | 31.350.000 | 52,3% |
| Team Reward Development | 180.000.000 | 1% | 15.000.000 | 25% |
| Innovation Fund Reserve | 888.950.000 | 3% | 12.300.000 | 21% |
| Total Amount of Token | 33.000.000.000 | | 60.000.000 | |

i HOW TO READ

1. 96% are reserved for Usage, meaning creating identity, verifiable credentials and verification
2. 1% is needed for Building, meaning invest in hardware (Terminal) , software and business cases
3. 3% are secured for innovations such as real estate on the chain as an collateral or other
4. Prerequisite for the creation of tokens per half-year are Usage and Building, so supply only being raised based on customer mass onboarding and business cases.

Evolution of IAMX TOKEN

1 IAMX Token unlocks 12 IAMX Token based on Fibonacci Sequence



First Receiver Benefit

Usage of the token leads to generation of further tokens for the first receiver / owner in the sequence $1+1+2+3+5$ (reward). Equals Fibonacci sequence.

Balance

Darwinian quantity equation in combination with Fibonacci sequence to ensure that the quantity of token and the quantity of value in the economy as a whole are always in the right ratio.

Usage is unlocking value

The value of the token is to create a verifiable credential container, or to create biometric identity or to authenticate a verifiable credential container.

Reading example: You buy or receive one IAMX Token via an Airdrop. When this 1 token is used to create identity or fulfill a verification process for a verifier in 1Click-Fulfillment you receive a second token as an reward in your wallet. When this 1 token is used, you receive another token in your wallet. If this token is also used, you receive 2 token as an reward. If those 2 token are used, you receive 3 more token in your wallet. If those 3 token are used, you receive 5 token as an reward in your wallet. 1 IAMX Token can therefore unlock the value of 12 IAMX Token and you as the first receiver, receive ALL those rewards.

IAMX Tokenomics | Detailed Information



| Functionality Fibonacci sequence | | | | | | | |
|----------------------------------|--------------|-------------|---------------------------------------|-----------------------|---------------------------|--|------------|
| Token Generation | Total supply | Token Usage | Condition for First Receiver Reward | First Receiver Reward | IAMX Receive Wallet | IAMX Treasury | IAMX Total |
| 1 | 1 | 1 | 1 Generation-1 Token needs to be used | 1 Generation-2 Token | Burn 1 Generation-1 Token | Mint 1 Standard IAMX Token without Fibonacci | 1 |
| 2 | 1 | 1 | 1 Generation-2 Token needs to be used | 2 Generation-3 Token | Burn 1 Generation-2 Token | Mint 1 Standard IAMX Token without Fibonacci | 2 |
| 3 | 2 | 2 | 2 Generation-3 Token need to be used | 3 Generation-4 Token | Burn 2 Generation-3 Token | Mint 2 Standard IAMX Token without Fibonacci | 4 |
| 4 | 3 | 3 | 3 Generation-4 Token need to be used | 5 Standard Token | Burn 3 Generation-4 Token | Mint 3 Standard IAMX Token without Fibonacci | 7 |
| 5 | 5 | 5 | No condition | No Reward | Keep the Token | No action | 12 |

IAMX Tokenomics | Detailed Information | Calculation per Delegation



| Delegation Amount, Welcome Reward, Regular Reward | | | |
|---|--|--|--|
| Delegation Amount in ADA | Welcome Reward IAMX Token prerequisites: delegation till epoch 310; duration: delegate for 20 epochs | Regular Reward IAMX Token calculated for a duration of 20 epochs | TOTAL Reward IAMX Token calculated for a duration of 20 epochs |
| 500 | 5 | 6 | 11 |
| 600 | 6 | 8 | 14 |
| 700 | 7 | 9 | 16 |
| 800 | 8 | 10 | 18 |
| 900 | 9 | 12 | 21 |
| 1.000 | 10 | 13 | 23 |
| 1.200 | 12 | 16 | 28 |
| 1.400 | 14 | 19 | 33 |
| 1.600 | 16 | 21 | 37 |
| 1.800 | 18 | 24 | 42 |
| 2.000 | 20 | 27 | 47 |
| 2.200 | 22 | 30 | 52 |
| 2.400 | 24 | 32 | 56 |
| 2.600 | 26 | 35 | 61 |
| 2.800 | 28 | 38 | 66 |
| 3.000 | 30 | 41 | 71 |
| 3.200 | 32 | 43 | 75 |
| 3.400 | 34 | 46 | 80 |
| 3.600 | 36 | 49 | 85 |
| 3.800 | 38 | 52 | 90 |
| 4.000 | 40 | 54 | 94 |
| 4.200 | 42 | 57 | 99 |
| 4.400 | 44 | 60 | 104 |
| 4.600 | 46 | 63 | 109 |
| 4.800 | 48 | 65 | 113 |
| 5.000 | 60 | 68 | 128 |
| 50.000 | 700 | 684 | 1.384 |
| 100.000 | 1.500 | 1.369 | 2.869 |
| 1.000.000 | 18.000 | 13.698 | 31.698 |

- Epoch: 5 days
- Reward: per epoch, independent of block minting
- Cumulative Airdrop: Cumulative claim reward collecting, till reward threshold of 1,0 IAMX Token is reached
- Welcome Reward:
 - a) Secured after 20 continuous Epochs of staking with IAMX Pool
 - b) Valid: Delegation to IAMX Pool in Epoch 308, 309, 310
- **Update:**
 - Epoch 310 also qualifies for Welcome Reward IAMX Token.
 - Linear Welcome Reward IAMX Token for Delegation Amount between 500 – 4.999 ADA of 1,00% e.g. 4.800 ADA = 48 IAMX Token for 20 epochs

IAMX Tokenomics | Detailed Information | Delegation in Epoch 308



| Epoch | Date | UTC | Welcome Reward IAMX Token | Regular Reward IAMX Token |
|-------|------------|-------|---|------------------------------|
| 308 | 11.12.2021 | 21:45 | Delegate to IAMX Pool to qualify for Welcome Reward | Delegate to IAMX Pool |
| 309 | 16.12.2021 | 21:45 | Staking in IAMX Pool | |
| 310 | 21.12.2021 | 21:45 | Staking in IAMX Pool | |
| 311 | 26.12.2021 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 309 |
| 312 | 31.12.2021 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 310 |
| 313 | 05.01.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 311 |
| 314 | 10.01.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 312 |
| 315 | 15.01.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 313 |
| 316 | 20.01.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 314 |
| 317 | 25.01.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 315 |
| 318 | 30.01.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 316 |
| 319 | 04.02.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 317 |
| 320 | 09.02.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 318 |
| 321 | 14.02.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 319 |
| 322 | 19.02.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 320 |
| 323 | 24.02.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 321 |
| 324 | 01.03.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 322 |
| 325 | 06.03.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 323 |
| 326 | 11.03.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 324 |
| 327 | 16.03.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 325 |
| 328 | 21.03.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 326 |
| 329 | 26.03.2022 | 21:45 | | Pay Day IAMX Token Epoch 327 |
| 330 | 31.03.2022 | 21:45 | Payout of Welcome Reward IAMX Token | Pay Day IAMX Token Epoch 328 |
| 331 | 05.04.2022 | 21:45 | | Pay Day IAMX Token Epoch 329 |
| 332 | 10.04.2022 | 21:45 | | Pay Day IAMX Token Epoch 330 |

IAMX Tokenomics | Detailed Information | Delegation in Epoch 309

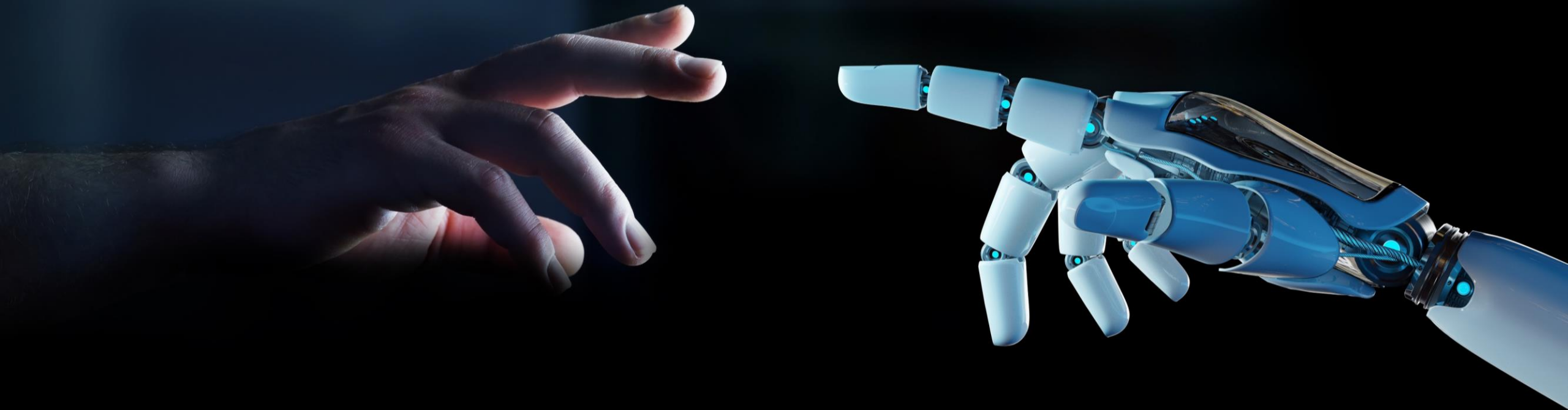


| Epoch | Date | UTC | Welcome Reward IAMX Token | Regular Reward IAMX Token |
|-------|------------|-------|---|------------------------------|
| 309 | 16.12.2021 | 21:45 | Delegate to IAMX Pool to qualify for Welcome Reward | Delegate to IAMX Pool |
| 310 | 21.12.2021 | 21:45 | Staking in IAMX Pool | |
| 311 | 26.12.2021 | 21:45 | Staking in IAMX Pool | |
| 312 | 31.12.2021 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 310 |
| 313 | 05.01.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 311 |
| 314 | 10.01.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 312 |
| 315 | 15.01.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 313 |
| 316 | 20.01.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 314 |
| 317 | 25.01.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 315 |
| 318 | 30.01.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 316 |
| 319 | 04.02.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 317 |
| 320 | 09.02.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 318 |
| 321 | 14.02.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 319 |
| 322 | 19.02.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 320 |
| 323 | 24.02.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 321 |
| 324 | 01.03.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 322 |
| 325 | 06.03.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 323 |
| 326 | 11.03.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 324 |
| 327 | 16.03.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 325 |
| 328 | 21.03.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 326 |
| 329 | 26.03.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 327 |
| 330 | 31.03.2022 | 21:45 | | Pay Day IAMX Token Epoch 328 |
| 331 | 05.04.2022 | 21:45 | Payout of Welcome Reward IAMX Token | Pay Day IAMX Token Epoch 329 |
| 332 | 10.04.2022 | 21:45 | | Pay Day IAMX Token Epoch 330 |
| 333 | 15.04.2022 | 21:45 | | Pay Day IAMX Token Epoch 331 |

IAMX Tokenomics | Detailed Information | Delegation in Epoch 310



| Epoch | Date | UTC | Welcome Reward IAMX Token | Regular Reward IAMX Token |
|-------|------------|-------|---|------------------------------|
| 310 | 21.12.2021 | 21:45 | Delegate to IAMX Pool to qualify for Welcome Reward | Delegate to IAMX Pool |
| 311 | 26.12.2021 | 21:45 | Staking in IAMX Pool | |
| 312 | 31.12.2021 | 21:45 | Staking in IAMX Pool | |
| 313 | 05.01.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 311 |
| 314 | 10.01.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 312 |
| 315 | 15.01.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 313 |
| 316 | 20.01.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 314 |
| 317 | 25.01.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 315 |
| 318 | 30.01.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 316 |
| 319 | 04.02.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 317 |
| 320 | 09.02.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 318 |
| 321 | 14.02.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 319 |
| 322 | 19.02.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 320 |
| 323 | 24.02.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 321 |
| 324 | 01.03.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 322 |
| 325 | 06.03.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 323 |
| 326 | 11.03.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 324 |
| 327 | 16.03.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 325 |
| 328 | 21.03.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 326 |
| 329 | 26.03.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 327 |
| 330 | 31.03.2022 | 21:45 | Staking in IAMX Pool | Pay Day IAMX Token Epoch 328 |
| 331 | 05.04.2022 | 21:45 | | Pay Day IAMX Token Epoch 329 |
| 332 | 10.04.2022 | 21:45 | Payout of Welcome Reward IAMX Token | Pay Day IAMX Token Epoch 330 |
| 333 | 15.04.2022 | 21:45 | | Pay Day IAMX Token Epoch 331 |
| 334 | 20.04.2022 | 21:45 | | Pay Day IAMX Token Epoch 332 |



CONTACT

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













BACK UP

Countries and Population without a national Identity

| Economy | Region | Income | Country code | Share of population (age 15+) without a national ID | Share of women (age 15+) without a national ID | Share of men (age 15+) without a national ID | Population (age 15+) without a national ID | Women (age 15+) without a national ID | Men (age 15+) without a national ID |
|--------------------|--------|--------|--------------|---|--|--|--|---------------------------------------|-------------------------------------|
| India | SAR | LMIC | IND | 3,2% | 3,3% | 3,2% | 31.922.000 | 15.785.000 | 16.137.000 |
| Pakistan | SAR | LMIC | PAK | 20,5% | 27,9% | 13,6% | 26.904.000 | 17.814.000 | 9.090.000 |
| Ethiopia | SSA | LIC | ETH | 41,0% | 50,6% | 30,9% | 26.477.000 | 16.566.000 | 9.910.000 |
| Bangladesh | SAR | LMIC | BGD | 17,1% | 18,7% | 15,4% | 20.495.000 | 11.231.000 | 9.264.000 |
| Indonesia | EAP | LMIC | IDN | 9,6% | 8,2% | 11,1% | 18.748.000 | 7.986.000 | 10.761.000 |
| China | EAP | UMIC | CHN | 1,5% | 1,6% | 1,3% | 16.910.000 | 9.285.000 | 7.625.000 |
| Mexico | LAC | UMIC | MEX | 10,8% | 11,7% | 9,8% | 10.421.000 | 5.759.000 | 4.662.000 |
| Malawi | SSA | LIC | MWI | 84,3% | 84,4% | 84,1% | 9.086.000 | 4.653.000 | 4.433.000 |
| Mozambique | SSA | LIC | MOZ | 41,9% | 48,6% | 34,7% | 7.090.000 | 4.291.000 | 2.800.000 |
| Niger | SSA | LIC | NER | 55,2% | 68,0% | 42,9% | 6.143.000 | 3.804.000 | 2.338.000 |
| Afghanistan | SAR | LIC | AFG | 28,6% | 51,6% | 5,8% | 5.966.000 | 5.322.000 | 644.000 |
| South Sudan | SSA | LIC | SSD | 78,6% | 88,6% | 68,4% | 5.943.000 | 3.368.000 | 2.575.000 |
| Egypt, Arab Rep. | MENA | LMIC | EGY | 7,8% | 10,9% | 4,7% | 5.168.000 | 3.609.000 | 1.559.000 |
| Chad | SSA | LIC | TCO | 62,7% | 79,4% | 45,0% | 5.113.000 | 3.274.000 | 1.838.000 |
| Cote d'Ivoire | SSA | LMIC | CIV | 31,9% | 31,5% | 32,4% | 4.589.000 | 2.220.000 | 2.369.000 |
| Myanmar | EAP | LMIC | MMR | 11,2% | 12,8% | 9,4% | 4.465.000 | 2.647.000 | 1.818.000 |
| Vietnam | EAP | LMIC | VNM | 5,9% | 4,1% | 7,9% | 4.385.000 | 1.557.000 | 2.828.000 |
| Uganda | SSA | LIC | UGA | 18,6% | 19,5% | 17,7% | 4.334.000 | 2.306.000 | 2.029.000 |
| Guinea | SSA | LIC | GIN | 55,4% | 60,6% | 50,3% | 4.193.000 | 2.291.000 | 1.902.000 |
| Benin | SSA | LIC | BEN | 54,0% | 62,8% | 45,0% | 3.569.000 | 2.102.000 | 1.466.000 |
| Cameroon | SSA | LMIC | CMR | 23,8% | 25,1% | 22,4% | 3.372.000 | 1.787.000 | 1.585.000 |
| South Africa | SSA | UMIC | ZAF | 8,1% | 9,2% | 6,9% | 3.317.000 | 1.941.000 | 1.376.000 |
| Madagascar | SSA | LIC | MDG | 21,1% | 26,1% | 15,5% | 3.288.000 | 2.079.000 | 1.209.000 |
| Colombia | LAC | UMIC | COL | 8,4% | 6,2% | 10,8% | 3.188.000 | 1.201.000 | 1.988.000 |
| Mali | SSA | LIC | MLI | 29,3% | 36,9% | 21,4% | 2.937.000 | 1.876.000 | 1.061.000 |
| Togo | SSA | LIC | TGO | 60,2% | 68,5% | 51,9% | 2.826.000 | 1.617.000 | 1.209.000 |
| Lao PDR | EAP | LMIC | LAO | 59,3% | 59,2% | 59,3% | 2.783.000 | 1.409.000 | 1.375.000 |
| Kenya | SSA | LMIC | KEN | 9,1% | 11,2% | 6,7% | 2.775.000 | 1.753.000 | 1.022.000 |
| Brazil | LAC | UMIC | BRA | 1,6% | 1,7% | 1,5% | 2.697.000 | 1.471.000 | 1.226.000 |
| Senegal | SSA | LIC | SEN | 27,6% | 28,0% | 27,1% | 2.572.000 | 1.357.000 | 1.214.000 |
| Russian Federation | ECA | UMIC | RUS | 2,1% | 0,8% | 3,5% | 2.433.000 | 536.000 | 1.897.000 |
| Poland | ECA | HIC | POL | 6,7% | 5,4% | 8,1% | 2.167.000 | 920.000 | 1.247.000 |
| Burkina Faso | SSA | LIC | BFA | 19,3% | 24,6% | 14,3% | 2.099.000 | 1.346.000 | 753.000 |
| Guatemala | LAC | LMIC | GTM | 18,3% | 14,6% | 22,4% | 2.067.000 | 850.000 | 1.217.000 |
| Haiti | LAC | LIC | HTI | 27,5% | 23,6% | 31,5% | 2.056.000 | 905.000 | 1.151.000 |
| Turkey | ECA | UMIC | TUR | 3,3% | 4,3% | 2,4% | 2.052.000 | 1.341.000 | 711.000 |

List of worldwide cities by population

| | City ^[a] | Country | UN 2018 population estimates ^[b] | City proper ^[c] | | | | Metropolitan area ^[d] | | | Urban area ^[g] | | |
|----|---------------------|---|---|----------------------------|------------|-------------------------|-----------------------------|----------------------------------|-------------------------|-----------------------------|---------------------------|-------------------------|-----------------------------|
| | | | | Definition | Population | Area (km ²) | Density (/km ²) | Population | Area (km ²) | Density (/km ²) | Population | Area (km ²) | Density (/km ²) |
| | | | | | | | | | | | | | |
| 1 | Tokyo |  Japan | 37,400,068 | Metropolis prefecture | 13,515,271 | 2,191 | 6,169 ^[14] | 37,274,000 | 13,452 | 2,771 ^[15] | 39,105,000 | 8,231 | 4,751 ^[e] |
| 2 | Delhi |  India | 28,514,000 | Capital City | 16,753,235 | 1,484 | 11,289 ^[16] | 29,000,000 | 3,483 | 8,326 ^[17] | 31,870,000 | 2,233 | 14,272 ^[f] |
| 3 | Shanghai |  China | 25,582,000 | Municipality | 24,870,895 | 6,341 | 3,922 ^{[18][19]} | N/A | N/A | N/A | 22,118,000 | 4,069 | 5,436 ^[g] |
| 4 | São Paulo |  Brazil | 21,650,000 | Municipality | 12,252,023 | 1,521 | 8,055 ^[20] | 21,734,682 | 7,947 | 2,735 ^[21] | 22,495,000 | 3,237 | 6,949 ^[h] |
| 5 | Mexico City |  Mexico | 21,581,000 | City-state | 9,209,944 | 1,485 | 6,202 ^[22] | 21,804,515 | 7,866 | 2,772 ^[23] | 21,505,000 | 2,385 | 9,017 |
| 6 | Cairo |  Egypt | 20,076,000 | Urban governorate | 9,500,000 | 3,085 | 3,079 ^[24] | N/A | N/A | N/A | 19,787,000 | 2,010 | 9,844 |
| 7 | Mumbai |  India | 19,980,000 | Municipality | 12,478,447 | 603 | 20,694 ^[25] | 24,400,000 | 4,355 | 5,603 ^[26] | 22,186,000 | 1,008 | 22,010 ^{[27][i]} |
| 8 | Beijing |  China | 19,618,000 | Municipality | 21,893,095 | 16,411 | 1,334 ^{[18][19]} | N/A | N/A | N/A | 19,437,000 | 4,172 | 4,659 |
| 9 | Dhaka |  Bangladesh | 19,578,000 | Capital city | 8,906,039 | 338 | 26,349 ^{[28][29]} | 14,543,124 ^[30] | N/A | N/A | 16,839,000 | 456 | 36,928 |
| 10 | Osaka |  Japan | 19,281,000 | Designated city | 2,725,006 | 225 | 12,111 ^[14] | 19,303,000 | 13,228 | 1,459 ^[15] | 15,490,000 | 3,020 | 5,129 ^[j] |
| 11 | New York |  United States | 18,819,000 | City | 8,804,190 | 778 | 11,316 ^[31] | 20,140,470 | 12,093 | 1,665 ^[32] | 23,582,649 | 34,493 | 684 ^[k] |
| 12 | Karachi |  Pakistan | 15,400,000 | Metropolitan city | 14,910,352 | 3,530 | 4,224 ^{[33][34]} | 16,051,521 | 3,780 | 4,246 ^[35] | 15,292,000 | 1,044 | 14,648 ^[36] |
| 13 | Buenos Aires |  Argentina | 14,967,000 | Autonomous city | 3,054,300 | 203 | 15,046 ^[37] | 12,806,866 ^[38] | N/A | N/A | 16,216,000 | 3,222 | 5,033 |
| 14 | Chongqing |  China | 14,838,000 | Municipality | 32,054,159 | 82,403 | 389 ^{[39][19]} | N/A | N/A | N/A | 8,261,000 | 1,536 | 5,378 |
| 15 | Istanbul |  Turkey | 14,751,000 | Metropolitan municipality | 15,519,267 | 5,196 | 2,987 ^[40] | N/A | N/A | N/A | 15,311,000 | 1,375 | 11,135 |
| 16 | Kolkata |  India | 14,681,000 | Municipality | 4,496,694 | 205 | 21,935 ^[41] | 14,035,959 | 1,851 | 7,583 ^[42] | 18,698,000 | 1,352 | 13,830 ^[43] |
| 17 | Manila |  Philippines | 13,482,000 | Capital city | 1,780,148 | 43 | 41,399 ^[44] | 12,877,253 | 620 | 20,770 ^[44] | 23,971,000 | 1,873 | 12,798 ^[l] |
| 18 | Lagos |  Nigeria | 13,463,000 | ^[m] | N/A | N/A | N/A | 21,000,000 | 1,171 | 17,933 ^[45] | 15,487,000 | 1,966 | 7,877 |
| 19 | Rio de Janeiro |  Brazil | 13,293,000 | Municipality | 6,520,000 | 1,221 | 5,340 ^[46] | 12,644,321 | 5,327 | 2,374 ^[47] | 12,486,000 | 2,020 | 6,181 |
| 20 | Tianjin |  China | 13,215,000 | Municipality | 13,866,009 | 11,920 | 1,163 ^{[18][19]} | N/A | N/A | N/A | 10,932,000 | 2,813 | 3,886 |

Source: Wikipedia.

List of cities in Africa by population

| Rank ↕ | City ↕ | Country ↕ | Population ↕ | Date of estimate ↕ |
|--------|-------------------------------|--|--------------|---------------------|
| 1 | Kinshasa |  Democratic Republic of the Congo | 14,970,000 | 2021 |
| 2 | Lagos |  Nigeria | 14,862,000 | 2021 |
| 3 | Cairo |  Egypt | 10,025,657 | 2021 |
| 4 | Giza |  Egypt | 9,200,000 | 2021 |
| 5 | Dar es Salaam |  Tanzania | 7,100,000 | 2021 |
| 6 | Khartoum |  Sudan | 5,989,024 | 2021 |
| 7 | Johannesburg |  South Africa | 5,926,668 | 2021 |
| 8 | Abidjan |  Cote d'Ivoire | 5,381,826 | 2021 |
| 9 | Alexandria |  Egypt | 5,381,000 | 2021 |
| 10 | Addis Ababa |  Ethiopia | 5,006,000 | 2021 |
| 11 | Nairobi |  Kenya | 4,922,000 | 2021 |
| 12 | Cape Town |  South Africa | 4,710,000 | 2021 ^[1] |
| 13 | Accra |  Ghana | 4,200,000 | 2020 |
| 14 | Yaoundé |  Cameroon | 4,164,167 | 2021 |
| 15 | Ekurhuleni (East Rand) |  South Africa | 3,982,223 | 2020 ^[1] |
| 16 | Durban (eThekweni) |  South Africa | 3,981,205 | 2020 ^[1] |
| 17 | Casablanca |  Morocco | 3,793,585 | 2021 |
| 18 | Douala |  Cameroon | 3,793,363 | 2021 |
| 19 | Tshwane (<i>Pretoria</i>) |  South Africa | 3,729,104 | 2020 ^[1] |
| 20 | Ibadan |  Nigeria | 3,649,000 | 2021 |
| 21 | Kano |  Nigeria | 3,550,000 | 2021 |
| 22 | Kumasi |  Ghana | 3,490,000 | 2021 |
| 23 | Abuja |  Nigeria | 3,464,123 | 2021 |
| 24 | Kampala |  Uganda | 3,469,510 | 2021 |
| 25 | Dakar |  Senegal | 3,229,800 | 2021 |

EXECUTIVE SUMMARY



Free, holder-owned, holder-controlled **global identity and authentication based on SSI**.



Decentral: Storage on any DID / Ledger is supported. Start with Cardano Eco.



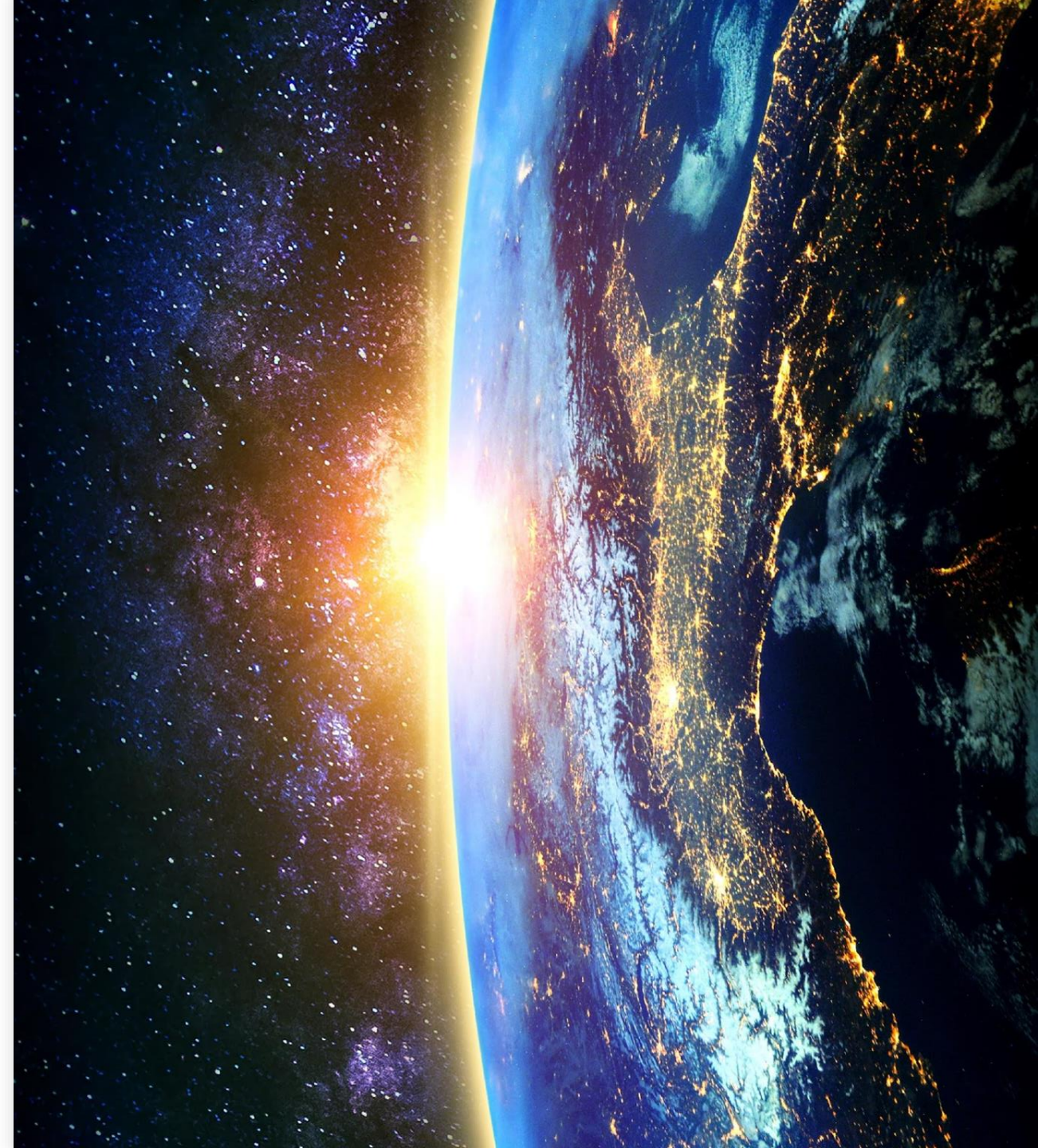
Technology enables decentralized, asynchronous workflows and smart contracts in any business case.



IAMX is an Identity Eco System Partner of Cardano
<https://github.com/input-output-hk/essentialcardano/blob/main/essential-cardano-list.md>.



The impact for the people, resulting from our contribution, is the highest in emerging markets.



EXECUTIVE SUMMARY



Founding Team:

The founding team of 4 co-founders have been friends for 25 years, each co-founder with a business expertise of more than 20 years. Strong track record in Telecommunication and Mass media Entertainment Partners



Product Software: mobile plan (SIM only), unlimited LTE, 50% discount, 1Click-Fulfillment live.



Comparison: PayPal-Checkout enables certain Shopping Partners, based on post address and payment. **IAMX** enables the proof of whole set of attributes and properties needed by the verifier, in order to be able to legally binding interact across the full value chain and, e.g. authenticated passport-no, first name, last name, street, street no, zip, city, country, birthdate, place of birth, nationality. IAMX also enables organizations and enables control of assets such as real estate.

