





# 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



## A. Create Biometric ID

1. Customers 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-ode 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

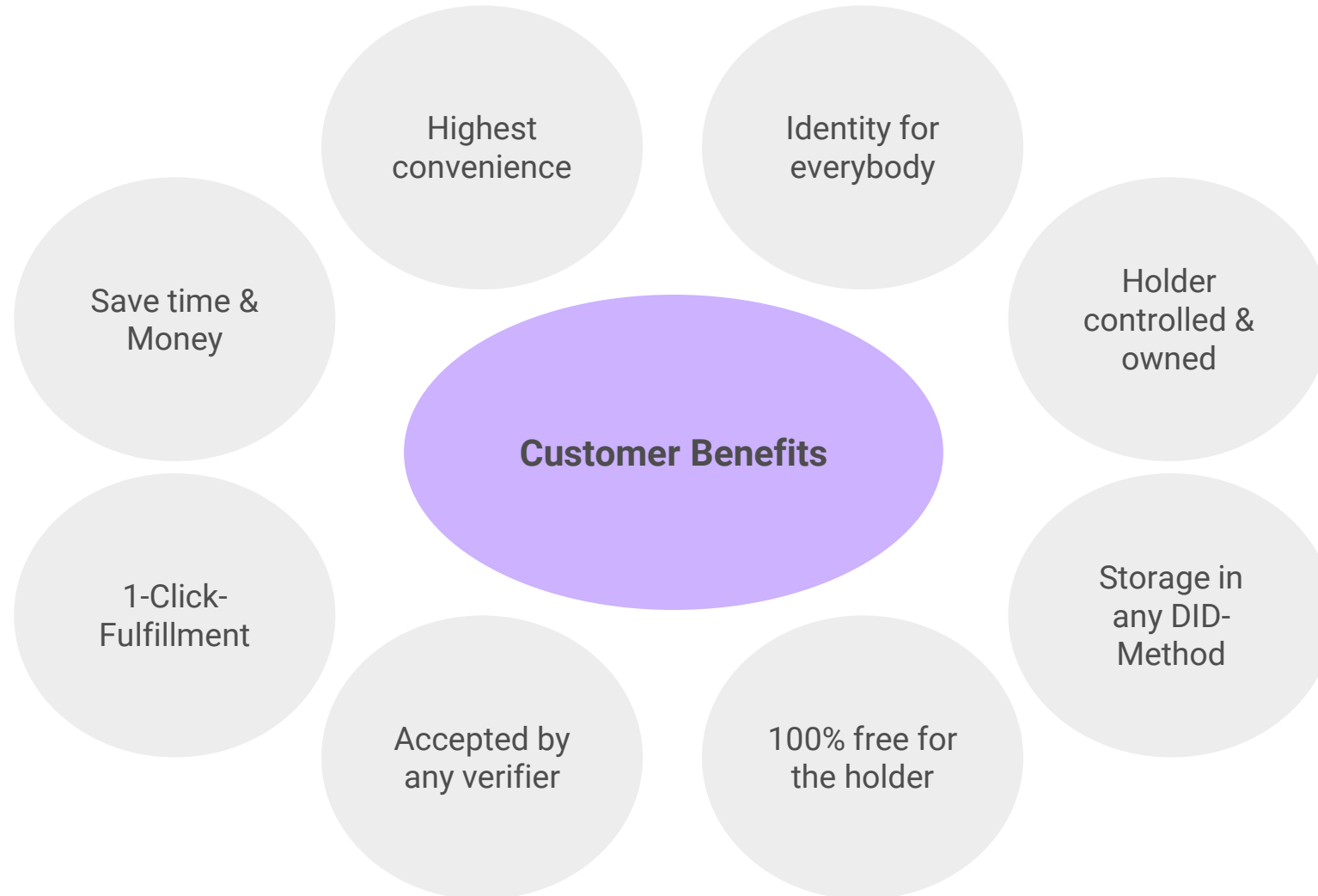
Fingerprint flat, compliant with FBI CJIS Divison ´s Next Generation Identification System Image Quality Specifications (IQS): Appendix F Specifications. Disclaimer: This does not constitute an endorsement, but only attest, that the product meets the above-mentioned standards. Continued acceptance is contingent to the ability of the product to meet the IQS over time.

Electronic passport authentication conformity based on BSI Conformity Tests for Official Electronic ID Documents (German Federal Office for Information Security). Full high resolution color passport scanner, including ultraviolet (UV) and infrared (IR) images, plus image checks. Passport data stored on the chip can be read by integrated RFID Reader. Conformity Specification for Technical Guideline Biometrics in Sovereign Applications. This does not constitute an endorsement, but only attest, that the product meets the above-mentioned standards. Continued acceptance is contingent to the ability of the product to meet the standards over time.

Fingerprint conformity based on BSI Biometrics for Public Sector Applications (German Federal Office for Information Security). Life detection for each finger, fingerprint segmentation. This does not constitute an endorsement, but only attest, that the product meets the above-mentioned standards. Continued acceptance is contingent to the ability of the product to meet the standards over time.

AML conformity: This technology enables the proof of whole set of attributes and properties needed by a verifier to be compliant with AML, 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.

# 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:

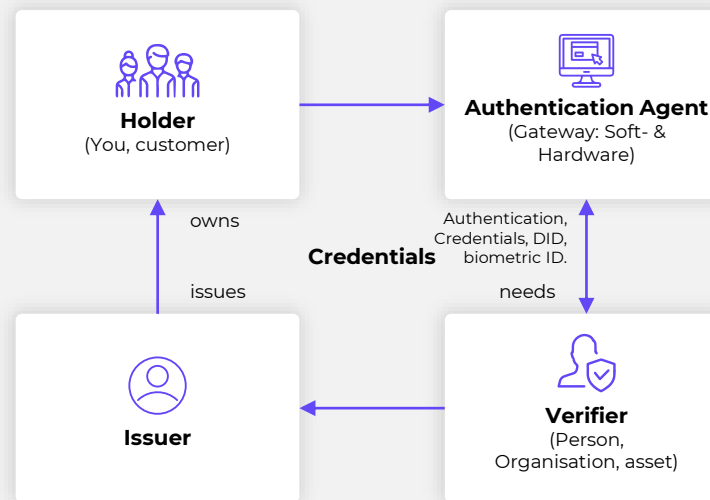
- Decentralized,
- Asynchronous workflows and smart contracts in 30 BUSINESS CASES per developed country:
- Telco, games, paid editorial content, bank, real estate, finance, abos, streaming, rental car, food order, hotel booking, e-commerce, mobility, loan, food delivery, foodboxes, loyalty, price comparison 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 1<sup>st</sup> 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

	HOLDER	VERIFIER	TELCO	STATE
Enables	Biometric Identity	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			

IAMX is an Identity Ecosystem Partner of Cardano and Atala PRISM Pioneer First Round.

<https://github.com/input-output-hk/essential-cardano/blob/main/essential-cardano-list.md>

Disclaimer: IAMX is NO cryptocurrency. IAMX is a token based identity and authentication system.

# THE TECHNOLOGY

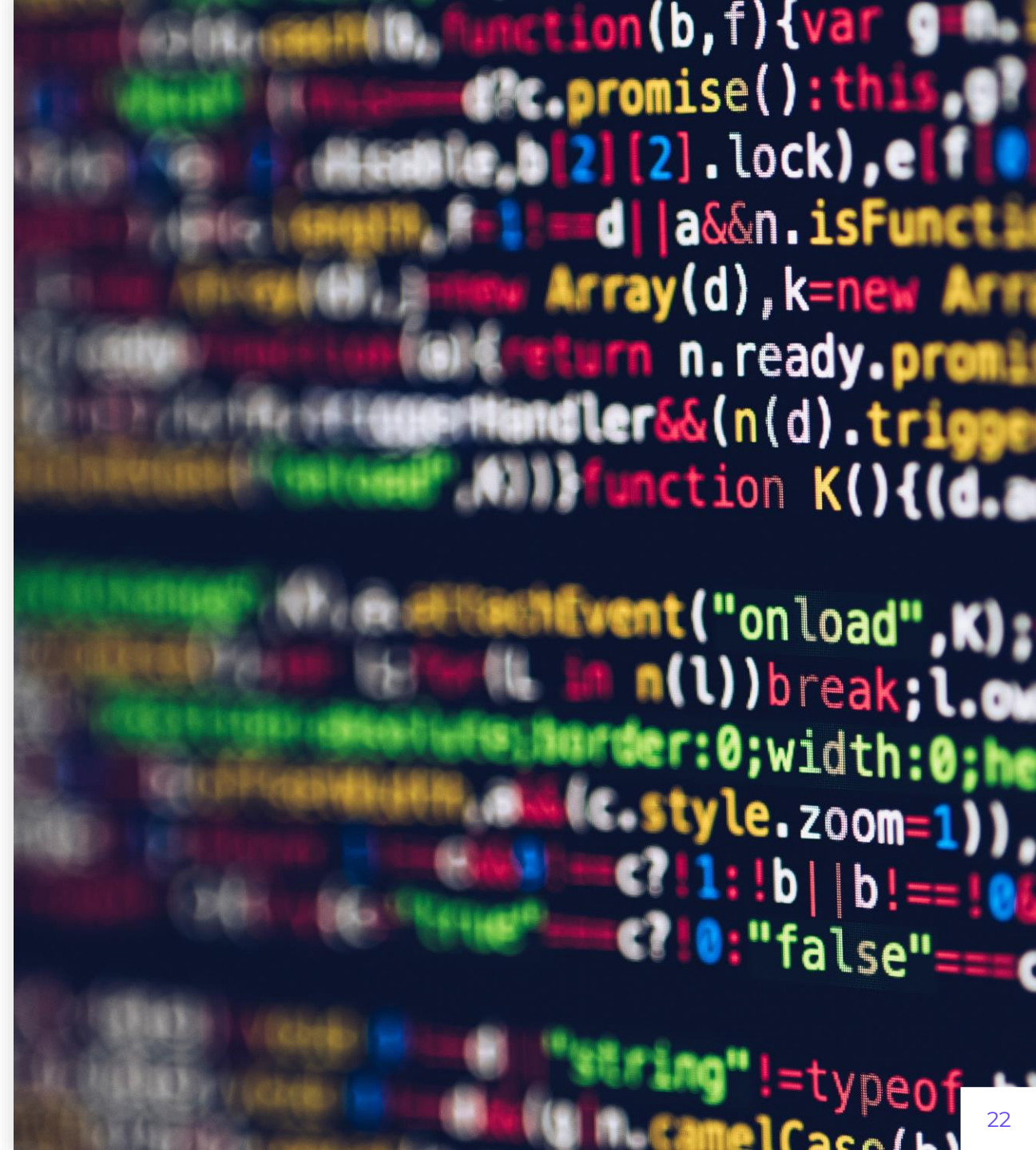
## SOFTWARE | IAMX VERIFIABLE CREDENTIAL CONTAINER SETS

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
<b>Telecommunication Partners Live</b>		3	11	23	34	49
<b>Biometric Identity Terminals Live</b>		500	1.000	1.750	2.500	3.000
<b>Business Cases Live</b>	40	120	270	590	700	840
<b>Wallet</b>	IAMX Identity Wallet Mobile & Desktop	IAMX Identity Wallet Cardano Integration including stable coins	Integration in 3 <sup>rd</sup> party Wallets	Storage in additional DID methods	Delegated Identity Testament Function	White Label Wallet
<b>API</b>	Open SDK / API for 3 <sup>rd</sup> Party	12 3 <sup>rd</sup> party plug-ins for standard solutions	Single Sign-On OAuth2 IAMX Token Marketplace			
<b>Innovations</b>	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
<b>Funding</b>	Initial Stake Pool Offering Private Sale, Institutional Sale					IPO





# Team

# TEAM



**Tim  
Brückmann**

*CMO, Co-Founder*

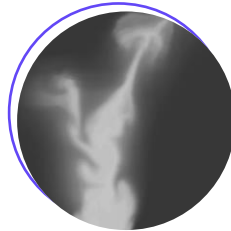
Architect of the team, MBA (marketing, controlling, economy East Asia ), CMO [handy.de](#), Co-Founder and stakepool operator of [StakeforFuture.org](#) [AZU L], co-founder and former CEO of wunderwerk eco fashion & wunderwerk e-commerce, 25 years marketing and sales expertise, expert in sustainable 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

Danzube 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) <a href="https://en.wikipedia.org/wiki/Fibonacci_number">https://en.wikipedia.org/wiki/Fibonacci_number</a>
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> <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	Total Supply	Share	H1 2022	Share
<b>I. OVERVIEW</b>				
<b>Usage   Total</b>	<b>31.747.250.000</b>	<b>96%</b>	<b>0</b>	<b>0%</b>
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%
<b>Building   Hardware, Software, Business Cases</b>	<b>373.400.000</b>	<b>1%</b>	<b>54.550.000</b>	<b>91%</b>
Ecosystem Airdrop Reward	38.400.000	0%	7.000.000	11,7%
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%
<b>Innovation Fund Reserve</b>	<b>879.350.000</b>	<b>3%</b>	<b>5.450.000</b>	<b>9%</b>
<b>Total Amount of Token</b>	<b>33.000.000.000</b>		<b>60.000.000</b>	

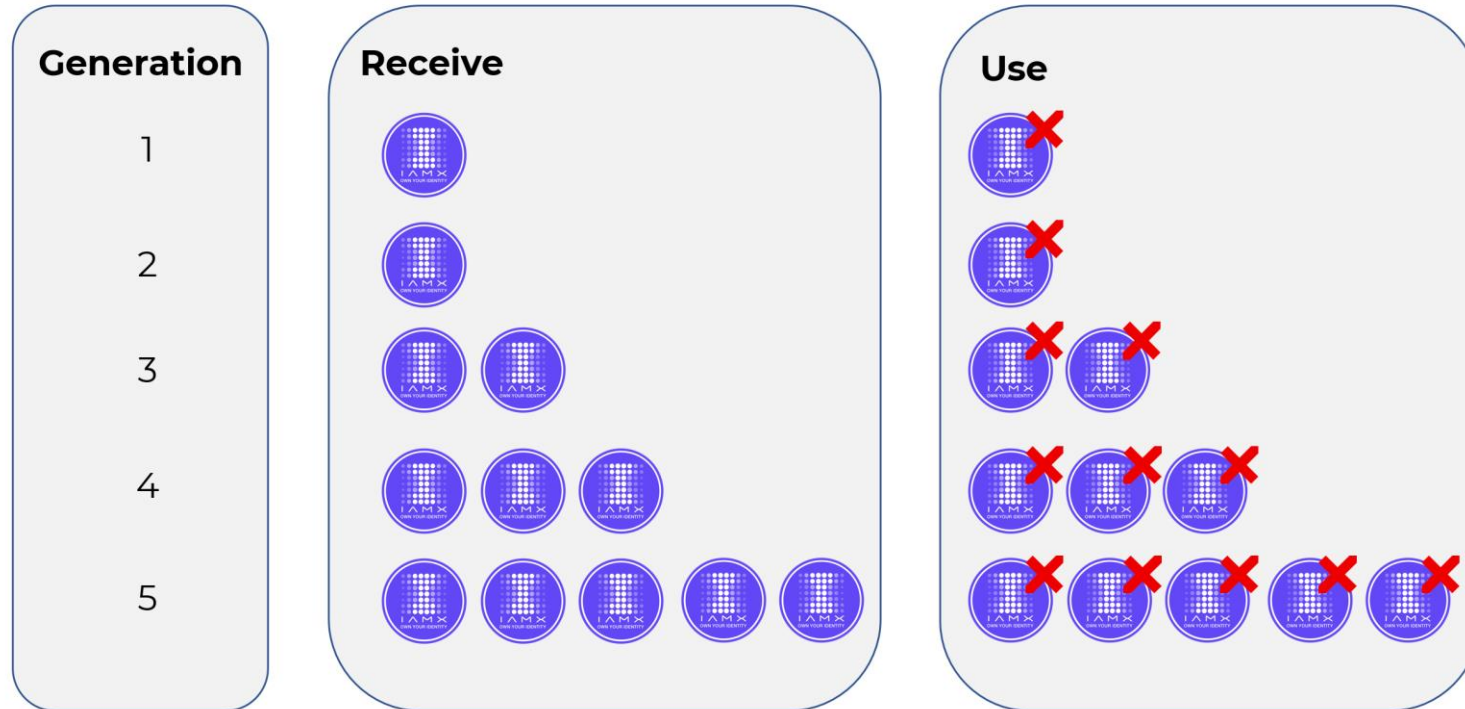
## **i** HOW TO READ

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. 4% 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	<b>Welcome Reward IAMX Token</b> prerequisites: delegation till epoch 310; duration: delegate for 20 epochs	<b>Regular Reward IAMX Token</b> calculated for a duration of 20 epochs	<b>TOTAL Reward IAMX Token</b> 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

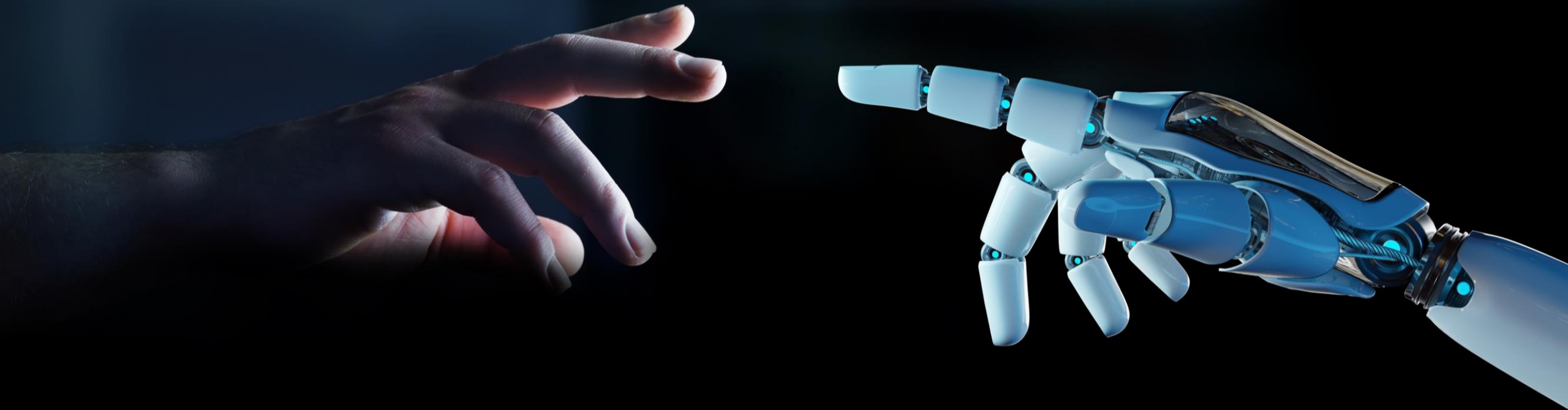


Epoch	Date	UTC	Welcome Reward IAMX Token	Regular Reward IAMX Token
309	16.12.2021	21:45	Delegate to IAMX Pool to qualify for Welcome Reward	Delegate to IAMX Pool
310	21.12.2021	21:45	Staking in IAMX Pool	
311	26.12.2021	21:45	Staking in IAMX Pool	
312	31.12.2021	21:45	Staking in IAMX Pool	Pay Day IAMX 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 <sup>[a]</sup>	Country	UN 2018 population estimates <sup>[b]</sup>	City proper <sup>[c]</sup>				Metropolitan area <sup>[d]</sup>			Urban area <sup>[g]</sup>		
				Definition	Population	Area (km <sup>2</sup> )	Density (/km <sup>2</sup> )	Population	Area (km <sup>2</sup> )	Density (/km <sup>2</sup> )	Population	Area (km <sup>2</sup> )	Density (/km <sup>2</sup> )
1	Tokyo	 Japan	37,400,068	Metropolis prefecture	13,515,271	2,191	6,169 <sup>[14]</sup>	37,274,000	13,452	2,771 <sup>[15]</sup>	39,105,000	8,231	4,751 <sup>[e]</sup>
2	Delhi	 India	28,514,000	Capital City	16,753,235	1,484	11,289 <sup>[16]</sup>	29,000,000	3,483	8,326 <sup>[17]</sup>	31,870,000	2,233	14,272 <sup>[f]</sup>
3	Shanghai	 China	25,582,000	Municipality	24,870,895	6,341	3,922 <sup>[18][19]</sup>	N/A	N/A	N/A	22,118,000	4,069	5,436 <sup>[g]</sup>
4	São Paulo	 Brazil	21,650,000	Municipality	12,252,023	1,521	8,055 <sup>[20]</sup>	21,734,682	7,947	2,735 <sup>[21]</sup>	22,495,000	3,237	6,949 <sup>[h]</sup>
5	Mexico City	 Mexico	21,581,000	City-state	9,209,944	1,485	6,202 <sup>[22]</sup>	21,804,515	7,866	2,772 <sup>[23]</sup>	21,505,000	2,385	9,017
6	Cairo	 Egypt	20,076,000	Urban governorate	9,500,000	3,085	3,079 <sup>[24]</sup>	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 <sup>[25]</sup>	24,400,000	4,355	5,603 <sup>[26]</sup>	22,186,000	1,008	22,010 <sup>[27][i]</sup>
8	Beijing	 China	19,618,000	Municipality	21,893,095	16,411	1,334 <sup>[18][19]</sup>	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 <sup>[28][29]</sup>	14,543,124 <sup>[30]</sup>	N/A	N/A	16,839,000	456	36,928
10	Osaka	 Japan	19,281,000	Designated city	2,725,006	225	12,111 <sup>[14]</sup>	19,303,000	13,228	1,459 <sup>[15]</sup>	15,490,000	3,020	5,129 <sup>[j]</sup>
11	New York	 United States	18,819,000	City	8,804,190	778	11,316 <sup>[31]</sup>	20,140,470	12,093	1,665 <sup>[32]</sup>	23,582,649	34,493	684 <sup>[k]</sup>
12	Karachi	 Pakistan	15,400,000	Metropolitan city	14,910,352	3,530	4,224 <sup>[33][34]</sup>	16,051,521	3,780	4,246 <sup>[35]</sup>	15,292,000	1,044	14,648 <sup>[36]</sup>
13	Buenos Aires	 Argentina	14,967,000	Autonomous city	3,054,300	203	15,046 <sup>[37]</sup>	12,806,866 <sup>[38]</sup>	N/A	N/A	16,216,000	3,222	5,033
14	Chongqing	 China	14,838,000	Municipality	32,054,159	82,403	389 <sup>[39][19]</sup>	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 <sup>[40]</sup>	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 <sup>[41]</sup>	14,035,959	1,851	7,583 <sup>[42]</sup>	18,698,000	1,352	13,830 <sup>[43]</sup>
17	Manila	 Philippines	13,482,000	Capital city	1,780,148	43	41,399 <sup>[44]</sup>	12,877,253	620	20,770 <sup>[44]</sup>	23,971,000	1,873	12,798 <sup>[l]</sup>
18	Lagos	 Nigeria	13,463,000	<sup>[m]</sup>	N/A	N/A	N/A	21,000,000	1,171	17,933 <sup>[45]</sup>	15,487,000	1,966	7,877
19	Rio de Janeiro	 Brazil	13,293,000	Municipality	6,520,000	1,221	5,340 <sup>[46]</sup>	12,644,321	5,327	2,374 <sup>[47]</sup>	12,486,000	2,020	6,181
20	Tianjin	 China	13,215,000	Municipality	13,866,009	11,920	1,163 <sup>[18][19]</sup>	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	<a href="#">Kinshasa</a>	 Democratic Republic of the Congo	14,970,000	2021
2	<a href="#">Lagos</a>	 Nigeria	14,862,000	2021
3	<a href="#">Cairo</a>	 Egypt	10,025,657	2021
4	Giza	 Egypt	9,200,000	2021
5	<a href="#">Dar es Salaam</a>	 Tanzania	7,100,000	2021
6	<a href="#">Khartoum</a>	 Sudan	5,989,024	2021
7	<a href="#">Johannesburg</a>	 South Africa	5,926,668	2021
8	<a href="#">Abidjan</a>	 Cote d'Ivoire	5,381,826	2021
9	Alexandria	 Egypt	5,381,000	2021
10	<a href="#">Addis Ababa</a>	 Ethiopia	5,006,000	2021
11	<a href="#">Nairobi</a>	 Kenya	4,922,000	2021
12	<a href="#">Cape Town</a>	 South Africa	4,710,000	2021 <sup>[1]</sup>
13	<a href="#">Accra</a>	 Ghana	4,200,000	2020
14	<a href="#">Yaoundé</a>	 Cameroon	4,164,167	2021
15	Ekurhuleni (East Rand)	 South Africa	3,982,223	2020 <sup>[1]</sup>
16	Durban (eThekweni)	 South Africa	3,981,205	2020 <sup>[1]</sup>
17	<a href="#">Casablanca</a>	 Morocco	3,793,585	2021
18	<a href="#">Douala</a>	 Cameroon	3,793,363	2021
19	Tshwane ( <i>Pretoria</i> )	 South Africa	3,729,104	2020 <sup>[1]</sup>
20	Ibadan	 Nigeria	3,649,000	2021
21	Kano	 Nigeria	3,550,000	2021
22	Kumasi	 Ghana	3,490,000	2021
23	<a href="#">Abuja</a>	 Nigeria	3,464,123	2021
24	<a href="#">Kampala</a>	 Uganda	3,469,510	2021
25	<a href="#">Dakar</a>	 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.



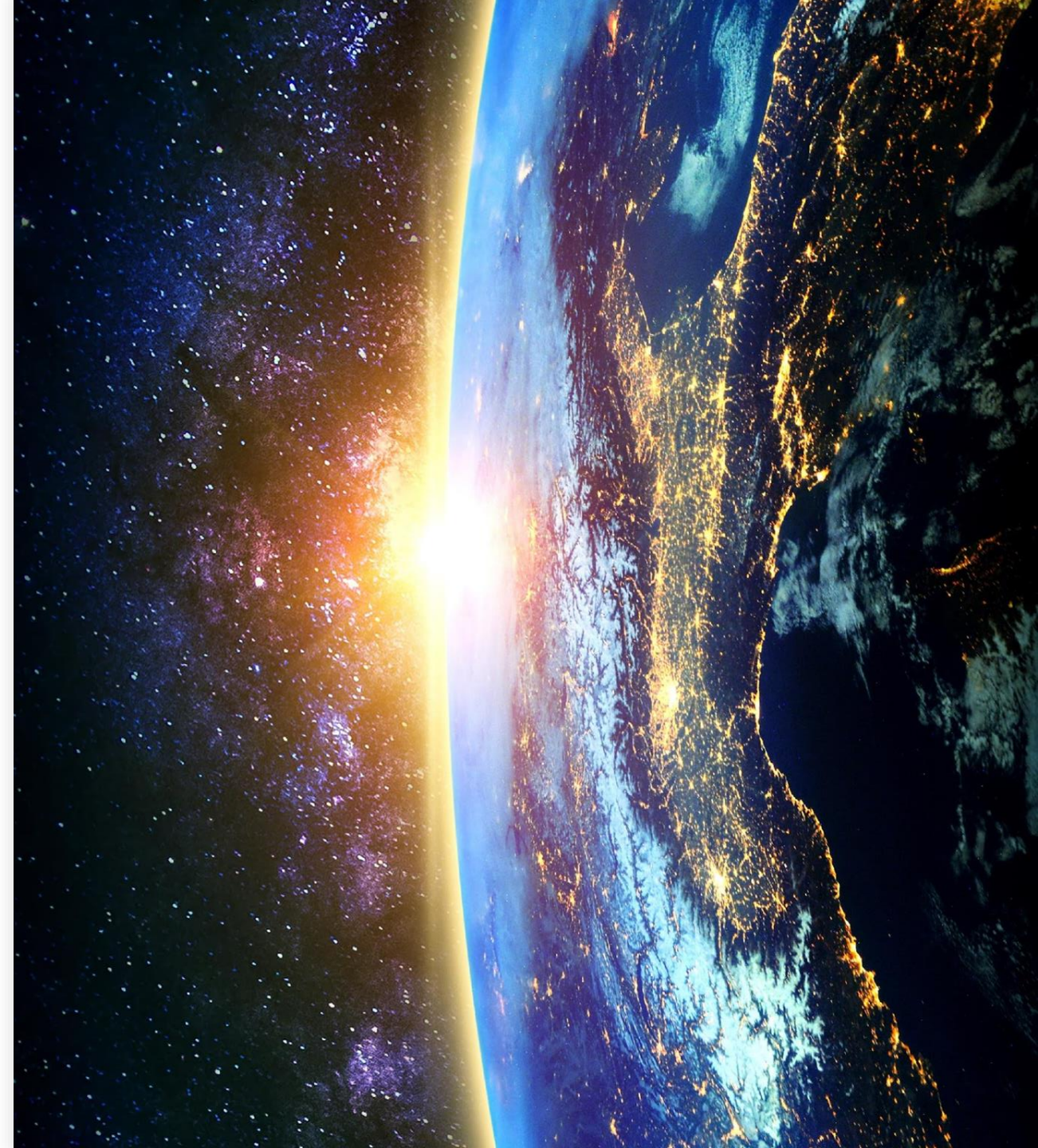
Technology enables decentralized, asynchronous workflows and smart contracts in any business case.



**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.

