Youth agency market place

February 2021

Imagine …

A youth Agency Market goes G-local

- by end 2021 1.5 mio youth Engage, Learn and Earn while achieving impact

- Within a digital trust ecosystem facilitated by SSI, a universal token and privacy preserving AI

A Market Creating Innovation

While Talent is Universal Opportunities are not

Matching

- global demand for impact with youth agency
- aspiration with experiential learning
- Enriched CVs with labor market

Building Trust

- in yourself
- within community
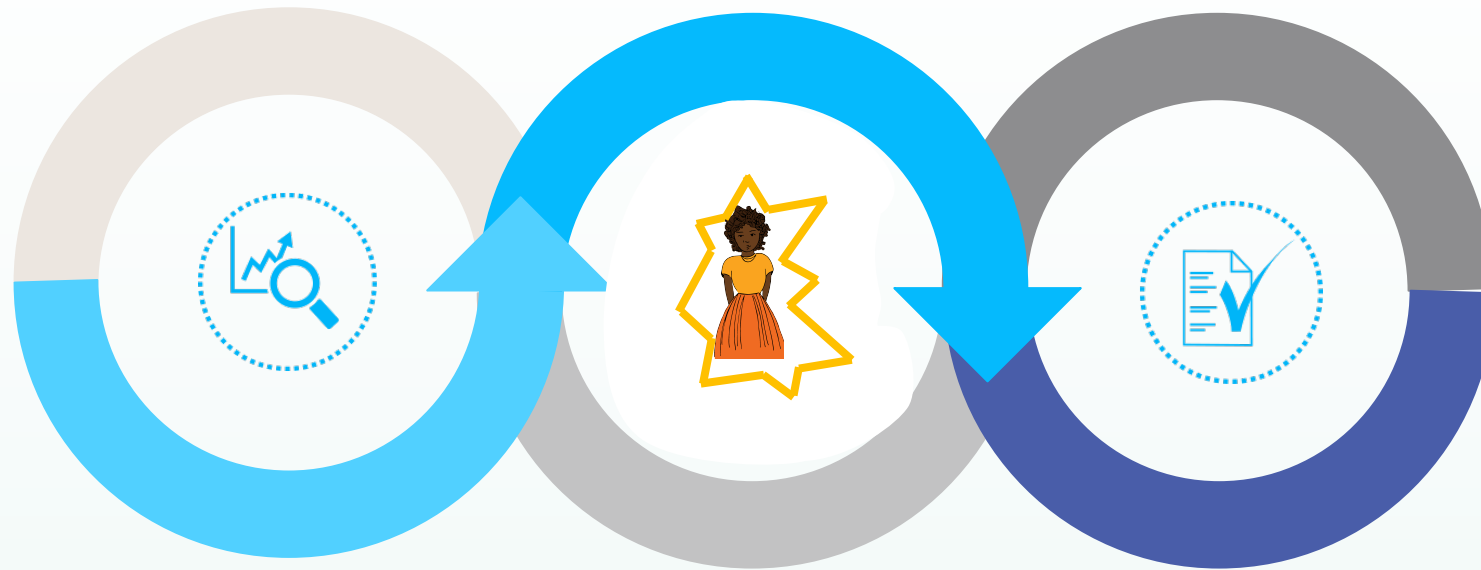- Within and in ecosystem

Individual yet at Scale

Why Yoma?
Radical youth–centric change

Individual

The future innovation ecosystem needs to put the emphasis on the individual – the human and the human journey need to be the centre piece.
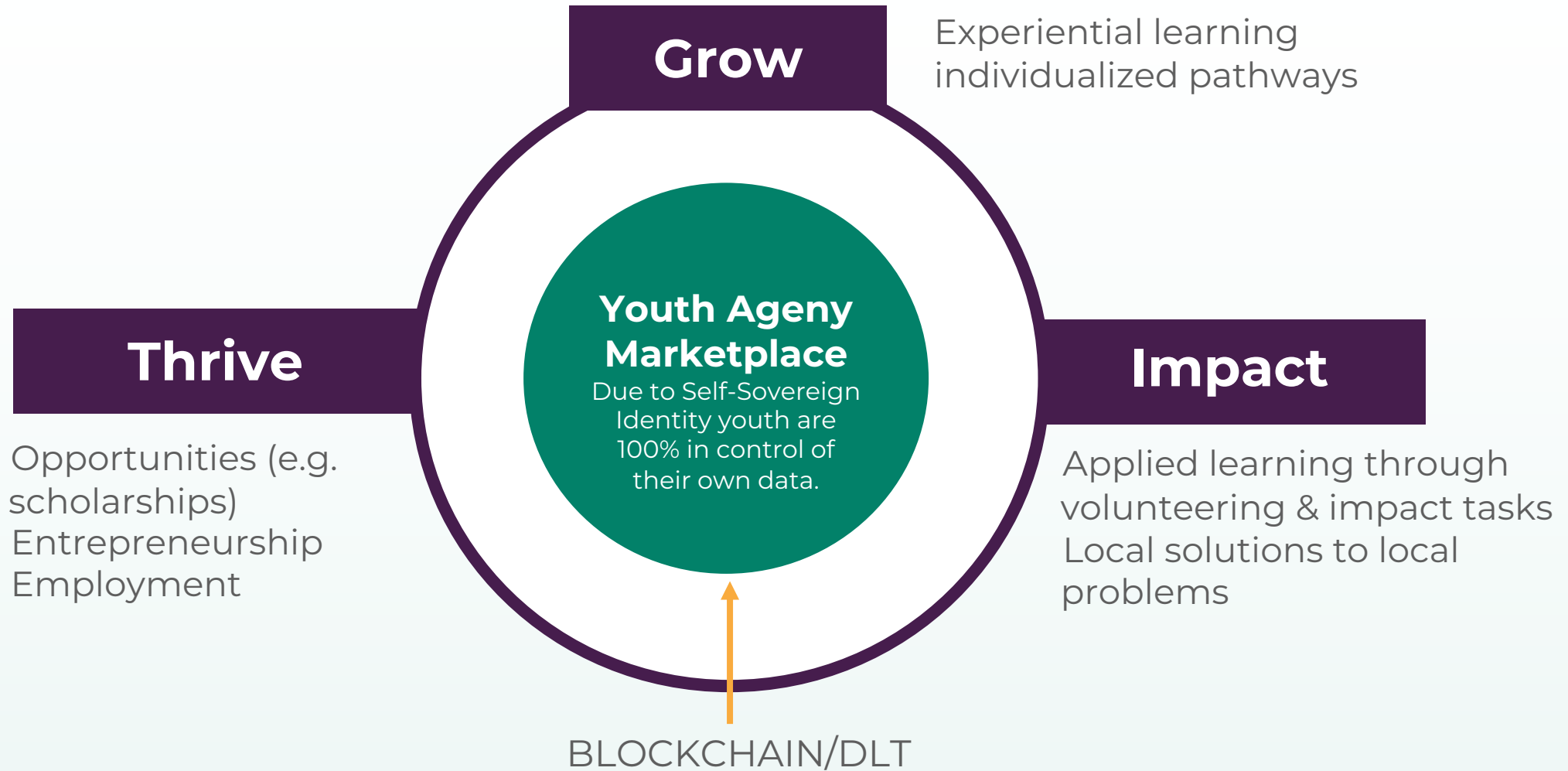
System

Innovation and learning is fragmented and development industry is due for a major disruption

Agency

"Players first" the ecosystem is built for purpose and with youth

yoma... a marketplace of opportunities

powered by atingi

Youth Livelihoods

- Youth receive exchangeable **token** for SDG impact tasks – a first to acquire financial literacy and market knowledge
- Yoma allows youth to tap into the **global impact market** (i.e. CO2 offset)
- Yoma creates a trust profile through blockchain and a much richer **digital CV** containing transferable skills and character scores

Tackling current and urgent topics

- Yoma is planning to become a franchise model that can be adjusted for different local needs such as climate action, focus on youth on the move or skills development
- Yoma is rolling out first MVPs for "Green YOMA" in Colombia and Malawi together with the African Drone and Data Academy

Open Source

- The matching capability powering the yoma ecosystem will be made available as an open source architecture to **enable youth to further develop** yoma & the ecosystem.
- The **open design and source principles** of the yoma ecosystem would allow other similar initiatives to build on it and establish human centered digital ecosystems empowered by SSI and privacy preserving AI focusing on women empowerment, the green economy, migrant communities, etc.

Data and Technology for Good

- Our aim is to be some of the first projects to combine the ToIP stack with privacy-preserving AI capabilities. We aim to develop this as a **world first capability to ensure the data privacy of youth is maintained at all times**
- We are developing a **matching algorithm** using psychometric assessment, machine learning and privacy preserving AI

Inclusive Growth

Timeline

End of 2021
- 1.5M Youth Engagements in yoma-related activities
- 250K Youth Registered in yoma-related Offerings
- 100K Youth Engagements in personalized Learning Opportunities on atingi

Partnership

Yoma is an open partnership space between impact funders/investors (Botnar Foundation, BMZ, UNICEF), Governments, the private sector (Goodwall, employers, tech start-ups), youth grassroots organisations and young people themselves.
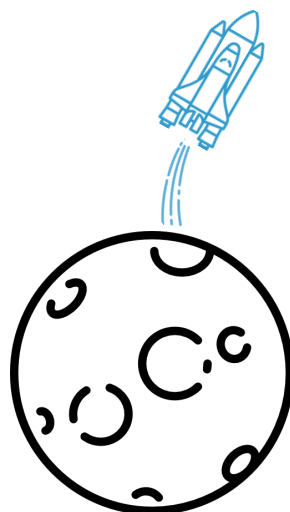
The Progress
- Youth interest proven through various challenges and campaigns reaching > 150,000 youth developing > 10,000 prototype
- Won the Smart Development Hackathon organized by the EU and the German BMZ
- Received seed funding from Botnar Foundation, BMZ and UNICEF
- Yoma was presented at the D4D event, a high level initiative started by the EU & AU to bridge the digital divide

The Beginning
- Globally, one out of five young people between the ages of 15-24 live in Africa and are largely underemployed or at worst, unemployed. In most African countries youth are twice as likely to be unemployed than adults (ILO)
- Yoma emerged from a human-centred design process as a solution to the issues that youth identified in workshops across Africa

yoma
powered by atingi

Yoma Adoption

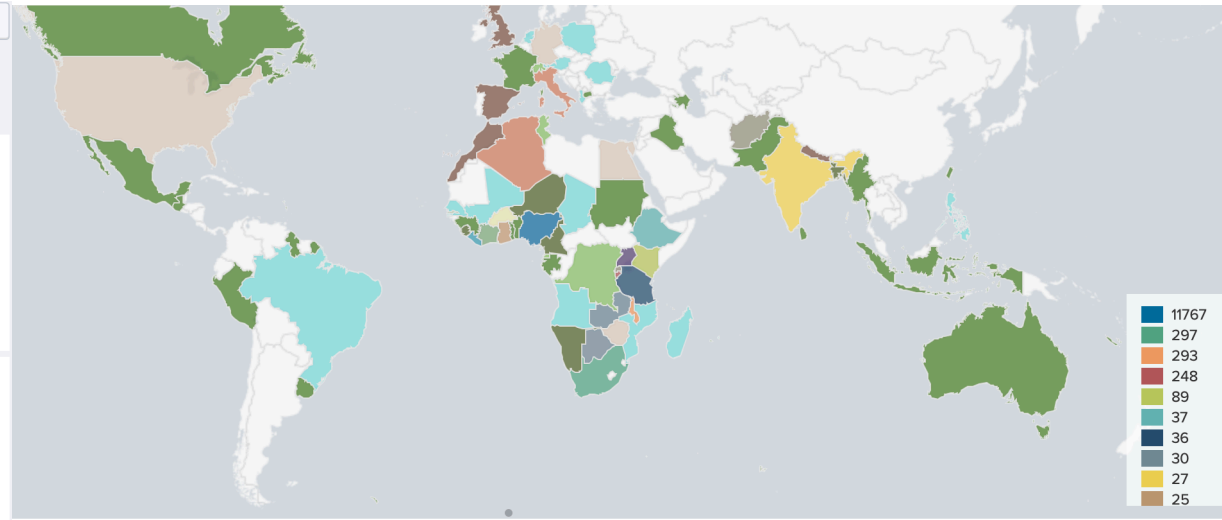**Yoma Overview**

Select Time

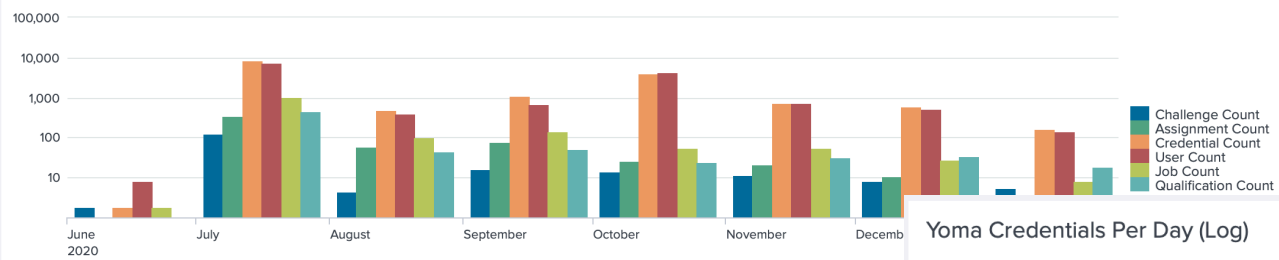All time ▾   Hide Filters

Edit | Export ▾ | ...

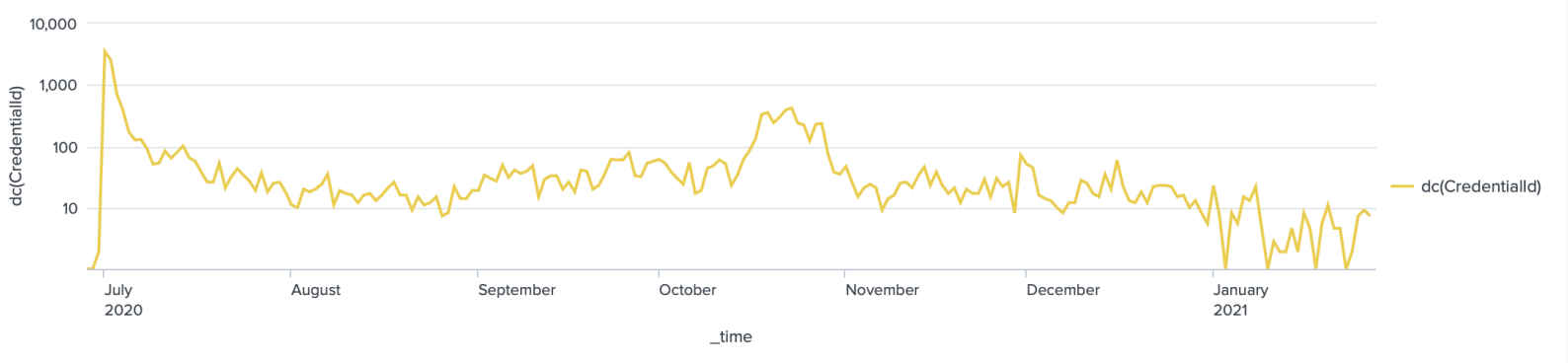| Yoma User Count	Yoma Challenge Count	Yoma Assignment Count	Yoma Job Count	Yoma Qualification Count	Yoma Active Country Count
13,148	165	541	1,421	581	76

Yoma Zlto Wallet Count	Yoma Total Zlto Awarded	Yoma Total Zlto Awarded USD Value
3,043	6,000,090 Zlto	$129,034

Map legend: 11767, 297, 293, 248, 89, 37, 36, 30, 27, 25

Yoma Main Components Overview

Legend: Challenge Count, Assignment Count, Credential Count, User Count, Job Count, Qualification Count

Yoma Credentials Per Day (Log)

dc(CredentialId)

Ecosystem Partners
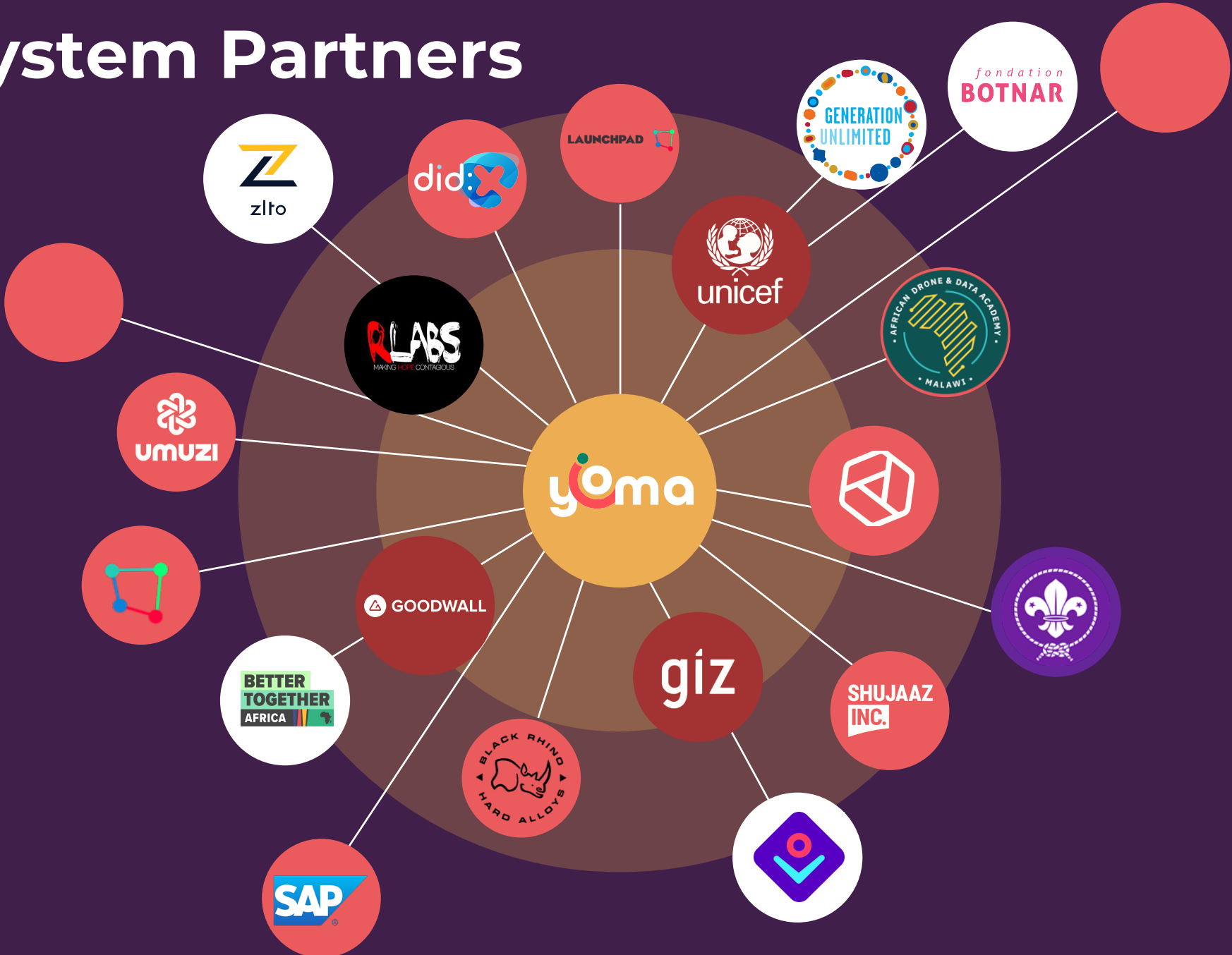
Youth agency at the center

yoma is a digital trust ecosystem developed using the Trust Over IP technology and governance stacks. An architecture that enables internet-scale digital trust with true interoperability and without vendor lock-in.

yoma is user-centric, ensuring youth agency with full data ownership and control.

yoma - privacy preserved, security enhanced, via open standards which enables independence, rapid ecosystem development and global scale.
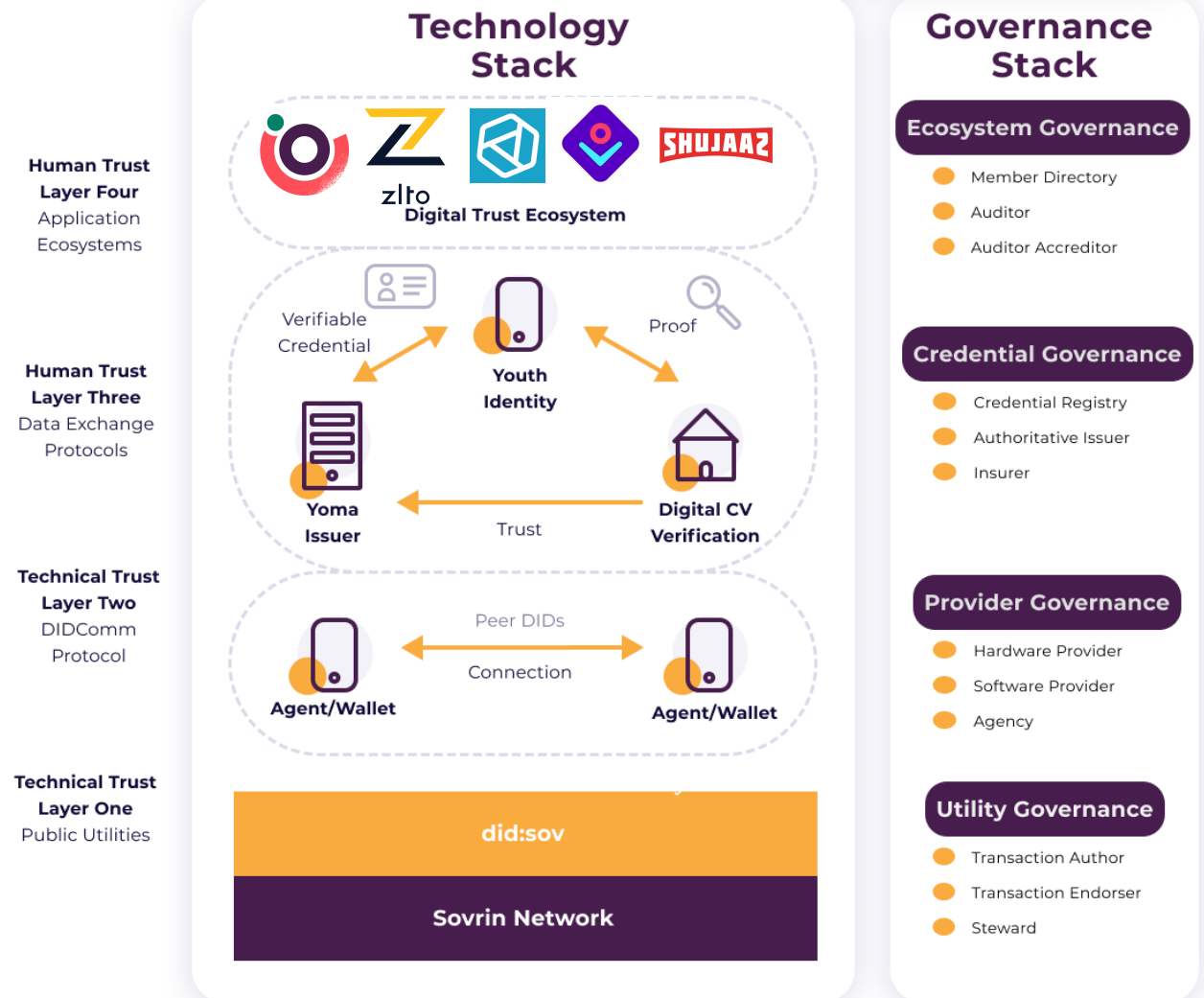

yoma Trust over IP Stack

Technology Stack

Human Trust Layer Four
Application Ecosystems

Digital Trust Ecosystem

Human Trust Layer Three
Data Exchange Protocols

Verifiable Credential — Youth Identity — Proof

Yoma Issuer — Trust — Digital CV Verification

Technical Trust Layer Two
DIDComm Protocol

Agent/Wallet — Peer DIDs / Connection — Agent/Wallet

Technical Trust Layer One
Public Utilities

did:sov

Sovrin Network

Governance Stack

Ecosystem Governance
- Member Directory
- Auditor
- Auditor Accreditor

Credential Governance
- Credential Registry
- Authoritative Issuer
- Insurer

Provider Governance
- Hardware Provider
- Software Provider
- Agency

Utility Governance
- Transaction Author
- Transaction Endorser
- Steward

Needs & requirements

Technology

- **Expert Advisory Services** - Expertise in AI/ML, and in open source privacy preserving architectures. Support is requested to assist in the development of the PPML capability, which would then be tested in the yoma platform.
- **Development of an open-source self-sovereign identity mobile digital wallet** application that will store youth verifiable credentials.
- **Development of an open-source ToIP technology stack with integration of the PPML and digital identity wallet** credential infrastructure to perform federated learning while protecting the privacy of youth.
- Development of a **token system** that incentivises and supports the values of yoma

Governance

The initiative would benefit from **support in the form of:**

- **Legal advice** in terms of its governance
- **Task force** to help with the development of the Yoma ToIP Governance Framework v1
- **Continuous design and development** of Governance Framework with youth v2
- Include the requirements of a **token** and **privacy-preserving AI/ML** into the governance framework
- Determine to what extend we can make the Yoma Governance Framework **machine-readable (Aries RFC 0430)**
- Yoma to become an organically grown **lighthouse project** for ToIP Foundation and the SSI "world"

| Learn | Convene | Define | Create | Implement | Operate | Transform |