



AI Hub
for Sustainable
Development

Innovator Profiles

**Inviting Private Sector Partnerships
with Africa**

Introduction

This document presents a curated pipeline of high-potential innovators from the AI Hub for Sustainable Development, a G7 endorsed initiative co-led by the Ministry of Enterprises & Made in Italy (MIMIT) and the United Nations Development Programme (UNDP). These innovators are seeking targeted partnerships in technology, financing, and market access with stakeholders in Italy, Europe, and the G7.

This pipeline is real and live — though not exhaustive. It showcases tangible opportunities that are African-led, thoughtfully right-sized for African contexts, built for strategic partnerships that grow resilient ecosystems, and engineered for significant multiplier impact across the continent.

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- **Sector:** Digital Infrastructure / AI Compute
- **Business model:** B2B / B2G (IaaS, Sovereign Cloud, AI Infrastructure)
- **Market size:** Africa data centre market projected to grow from ~329 MW (2025) to ~1,500 MW by 2030 (AI-specific demand growing at ~33% CAGR)
- **Geographic focus:** Rwanda, Ghana. (Kenya, Côte d'Ivoire, Tanzania, Nigeria in 1-2 years)
- **Capital position:** **USD 19M committed** for Rwanda deployment
- **Partners & suppliers:** Schneider Electric; NVIDIA ecosystem

Company Overview

Horus Labs is building **AI-optimised, modular data centre infrastructure** designed to meet rapidly growing demand for **local, low-latency compute** across Africa. Its model combines **GPU-dense infrastructure, renewable-hybrid energy, and enterprise-grade reliability**, that can be replicated and scaled **regionally**. Targeting enterprises, governments, AI startups, and global partners seeking to deploy compute capacity in high-growth African markets.

Problem

Across Africa, AI adoption is constrained by **limited local compute capacity**, high latency, dependence on overseas data routes, and weak data-sovereignty guarantees. These constraints affect **public services, research institutions, and local innovators**, slowing digital transformation and increasing costs.

Solution

Horus Labs provides locally deployed, scalable AI infrastructure that reduces latency, lowers operational costs. Aligns deployments with national public-sector priorities. Provides advanced computing for governments, researchers, and startups, unlocking faster experimentation and more reliable AI services.

The Product

- **AI-optimized data centres** (liquid-cooled, Tier III-ready)
- **Sovereign cloud & secure colocation** for government and regulated sectors
- **GPU clusters for AI training & inference**
- **Hybrid cloud integrations** (e.g. AWS, Azure Local)

- **Market overview:** Horus Labs provides **foundational public infrastructure**, underpinning AI-enabled health, education, fintech, climate, and public-sector services.
- **Competitive Advantage:** Horus Labs is one of the few companies doing modular data centers in the region - hence a first mover advantage.
- **Strategic Location:** Based in Kigali - one of Africa's fastest growing tech ecosystems and with significant crowding in of tech players. Strong design optimization for African operating conditions (power, climate, modularity).

Partnership Potential

- **Co-develop and operate data centres** in Africa e.g. EPC, modular construction, and equipment supply partnerships
- **Energy-efficient infrastructure** (solar, hybrid, microgrid)
- **GPU and hardware offtake agreements** including participation in regional expansion vehicles
- **Delivery of managed AI, cloud, and enterprise solutions** e.g. platform resale, white-label cloud offerings



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- **Sector:** GPU Cloud / AI Infrastructure / Compute Marketplaces
- **Business model:** B2B / B2G / B2D (GPU-as-a-Service, Hardware Marketplace, AI Infrastructure Consulting)
- **Market size:** The Middle East & Africa (MEA) GPUaaS market is estimated at **\$284.7 million for 2025**, expected to grow to nearly **\$780 million by 2033..**
- **Geographic focus:** Ghana, South Africa, Nigeria, Kenya
- **Capital position:** Revenue-generating, self-funded; Raising **USD 3M seed round**
- **Partners & suppliers:** Chipmango, NVIDIA, Schneider Electric, Alliance4ai

Company Overview

Udu Technologies is building Africa's first distributed GPU cloud and compute marketplace, unlocking affordable, right-sized AI compute by aggregating and monetizing idle GPU capacity, enabling faster deployment, lower capital intensity, and rapid regional scaling as the orchestration layer between GPU owners, enterprises, governments, and AI builders.

Problem

GPUs in Africa are scarce, expensive, and often underutilized. Many organizations own GPUs but lack the software to commercialize them, while global GPU clouds are priced and structured for non-African markets. Additionally, long procurement cycles and logistical challenges further slow deployment.

Solution

Udu Technologies creates a GPU orchestration and monetization layer, aggregating GPUs across data centers, private owners, and new buyers. It provides a unified interface for access, billing, scheduling, and resale, enabling GPU owners to immediately monetize idle capacity.

The Product

- **Africa GPU Hub (AGH):** Flexible GPU-as-a-Service with pay-as-you-go or dedicated instances
- **Udu-Rayda Marketplace:** Efficient hardware sourcing and rapid delivery across Africa, 30–50% cost savings
- **Udu AI Consult:** Expert AI system design, GPU deployment, and datacenter readiness

- **Market Overview:** Africa's AI ecosystem is underserved in GPU compute despite rising demand (~29M GPU hours from startups, developers, and academia).
- **Competitive Advantage:** UduTech is a first mover with a live, scalable GPU-as-a-Service platform, unlocking latent GPU supply with proven deployment expertise.
- **Strategic Location:** Lagos, Accra, and Nairobi (Africa's top tech ecosystems), able to leverage local talent, data residency laws, and green-energy initiatives to deliver sovereign compute optimized for African conditions.

Partnership Potential

- **Deploy shared GPU clusters** that anchor sovereign AI capacity in priority African markets.
- **Sustainable power and cooling partnerships:** Support high-density AI workloads at competitive operating costs.
- **Compute supply and expansion:** Secure long-term access to GPUs and locally engineered processors.
- **Enterprise and platform partnerships:** Deliver managed GPUaaS and AI services to banks, telcos, and developers.



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- **Sector:** AI Infrastructure / GPU Compute
- **Business Model:** Compute-as-a-Service (CaaS); Pay-as-you-go GPU access, reserved capacity, enterprise contracts
- **Market size:** It targets the projected **\$1.2–\$1.5 Trillion** in economic value that AI is expected to add to Africa's GDP by 2030.
- **Geographic focus:** Kenya (expansion to Nigeria, South Africa, Egypt)
- **Capital position:** Key stakeholder in the **\$200 Million** African Union AI Investment Fund.
- **Partnerships & Suppliers:** NVIDIA, Schneider Electric

Company Overview

Africa Compute Fund is an early stage Kenyan-based business building localized GPU infrastructure across Africa, providing affordable, reliable AI compute through regionally deployed capacity that reduces latency and reliance on offshore clouds, while enabling scalable, compliant AI adoption as a foundational infrastructure layer for startups, enterprises, research institutions, and governments.

Problem

GPUs in Africa are scarce, expensive, and largely hosted outside the continent. Many organizations struggle to access reliable compute at predictable cost, while global GPU clouds are priced and structured for non-African markets. Latency, data-sovereignty concerns, and slow procurement cycles further delay AI deployment.

Solution

ACF brings GPU infrastructure closer to African users. By deploying localized, AI-ready compute and offering flexible access models, it lowers costs, reduces latency, and supports regulatory compliance. This enables organizations to deploy and scale AI without relying on offshore infrastructure.

The Product

- **Monarch:** Localized GPU-as-a-Service for AI workloads
- **Rapid Deployment:** Fast GPU rollout across Africa
- **Sovereign Compute:** Data residency and compliance support

- **Market Overview:** Africa's AI ecosystem is underserved in local GPU compute despite rising demand from startups, enterprises, governments, and research institutions.
- **Competitive Advantage:** Africa Compute Fund delivers localized GPU infrastructure with predictable access, lower latency, and cost structures tailored to African markets.
- **Strategic Location:** With hubs in Nairobi and Lagos, ACF leverages regional green-energy initiatives and aligns with continental AI and energy mandates to deliver sovereign, sustainably powered AI infrastructure across Africa.

Partnership Potential

- **Co-develop and scale AI compute infrastructure** designed for African demand and operating realities.
- **Expand access to high-performance GPU capacity** through flexible, locally deployed models.
- **Collaborate on infrastructure, deployment, and operational support** for AI at scale.
- **Enable sovereign, compliant AI systems** that can be adopted across public and private sectors.



Ian Wambai,
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Background in designing and building world class AGI applications

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- **Sector:** AI Infrastructure & AI-as-a-Service (AlaaS)
- **Business Model:** B2B/B2G (Subscription & Pay-as-You-Go AI Services)
- **Market size:** Targets the broader African AI economy, projected to contribute **\$1.2–\$1.5 Trillion** to the continent's GDP by 2030
- **Geographic Focus:** Kenya (Rwanda, South Africa, Egypt, Morocco, Tunisia, Mauritius, Nigeria, Ghana in 1-2 years)
- **Capital position:** Deployed 1.1 TB VRAM (replacement value \$600k–\$850k)raising **€400k** to **double compute capacity** and scale the AI team.
- **Partners & Suppliers:** Atlantis Technologie, iXAfrica, NVIDIA, Smartcomply

Company Overview

EverseTech is building a locally hosted, end-to-end AI-as-a-Service platform that enables African enterprises and public institutions to move from AI pilots to production. By combining GPU infrastructure, model development, deployment, and operational support into a single operating layer, EverseTech removes the complexity and cost barriers that slow AI adoption. The platform is designed for secure, compliant, and scalable AI deployment in regulated and data-sensitive environments.

Problem

Across Africa, many organizations seek to adopt AI but are constrained by high infrastructure costs, limited in-house technical capacity, and regulatory requirements for local data control. Dependence on offshore platforms often results in delays, compliance risks, and AI initiatives that fail to progress beyond pilot stages.

Solution

EverseTech enables organizations to deploy AI locally and at scale by providing an integrated AI-as-a-Service platform. By combining GPU compute, model deployment, and operational support, EverseTech reduces complexity, ensures compliance, and allows AI systems to move reliably into production.

The Product

- **AI-as-a-Service Platform:** Locally hosted GPU compute for training, fine-tuning, and inference
- **Model Deployment & MLOps:** End-to-end support from development to production
- **Low-Code / No-Code Interfaces:** Faster adoption
- **Embedded AI Engineering:** Optional hands-on execution support for complex use cases

- **Market Overview:** Africa's AI adoption is accelerating, but many organizations lack the infrastructure and operational support needed to deploy AI at scale.
- **Competitive Advantage:** EverseTech combines local compute, AI deployment, and execution support into a single platform, reducing complexity and time-to-value.
- **Strategic Location:** Based in Nairobi, EverseTech leverages the region's renewable energy grid and hyperscale data centers to sustainably power AI infrastructure.

Partnership Potential

- **Co-deploy compliant AI infrastructure and AI-as-a-Service solutions** in priority markets
- **Support production-grade AI adoption** in regulated and public-sector environments
- **Partner on scalable deployment models** that reduce execution and market-entry risk
- **Collaborate on applied AI programs** linked to real operational use cases



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- **Sector:** AI Infrastructure · Energy Systems · Climate Finance · Data Platforms
- **Business Model:** B2B / B2G
- **Market size:** It operates within the context of the **\$1.3 Trillion** annual climate finance requirement for Africa projected by 2035.
- **Geographic Focus:** Kenya (DRC, Mozambique, Namibia, Malawi, Zimbabwe, Botswana, Burundi in 1-2 years)
- **Partnerships & Suppliers:** African Union, European Union, Coalition of African Ministers of Finance, AfDAN.

Company Overview

AfCEN is building Africa's first integrated, AI-first platform connecting clean energy, digital infrastructure, and climate-aligned finance to enable large-scale, low-carbon compute and data ecosystems. Its model combines AI-enabled planning, bankable infrastructure development, and neutral orchestration, allowing governments, regional blocs, DFIs, and global partners to deploy scalable, climate-aligned compute projects across Africa.

Problem

Africa's AI and **digital infrastructure** growth is **held back by fragmentation**, digital infrastructure, and financing operate in silos, **critical data** is incomplete or inaccessible; and projects often stall before becoming bankable. For global partners, this translates into **execution risks**, slow deal flow, and high transaction costs.

Solution

AfCEN uses AI to combine energy, climate, and **infrastructure data**. It models scenarios and aligns energy and compute needs with financing pathways. This helps governments and investors make faster, **lower-risk decisions**.

The Product

- **Operate AI infrastructure** in Africa with national planning tools
- **Deploy energy-efficient cloud and HPC systems** Secure GPU and compute capacity for scalable AI
- **Deliver ready-to-use AI solutions** for project and budget decisions

- **Market Overview:** Africa is scaling renewables, data centers, and AI compute simultaneously, creating converging markets for power, data, and climate-aligned capital.
- **Competitive Advantage:** AfCEN operates upstream of asset deployment, spans multiple countries, and aligns public-sector priorities with private-sector investment logic.
- **Strategic Location:** Based in Nairobi, Kenya, AfCEN sits at the heart of African climate diplomacy and innovation, enabling direct engagement with continental energy and infrastructure initiatives while operating solutions optimized for local regulatory and financial conditions.

Partnership Potential

- **Co-develop AI infrastructure** including data centres, modular compute hubs, and energy-efficient facilities
- **Scale GPU & AI platforms** across African markets with local execution and demand aggregation
- **Enable enterprise AI solutions** by providing compute closer to end users
- **Unlock market exposure** for investors and strategic partners through capital-efficient, multi-country opportunities



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- **Sector:** AI Infrastructure / GPU Cloud / Sovereign AI Platforms
- **Business Model:** B2B & B2G (GPU-as-a-Service, AI SaaS, Enterprise AI Solutions)
- **Market size:** Addressing the regional demand for localized compute across **Africa, Europe, and the Middle East.**
- **Geographic Focus:** Algeria, and Europe (Nigeria, Kenya, South Africa, with broader reach across Africa, Europe, and the Middle East in 1-2 Years)
- **Partnership & Suppliers:** Microsoft

Company Overview

AI GRID SOL is building a sovereign, energy-efficient GPU cloud infrastructure in North Africa to democratize access to high-performance AI computing across Africa, Europe, and the Middle East. The company addresses one of Africa's most urgent challenges: the absence of localized, affordable, and scalable AI compute capacity. In addition to our GPU-as-a-Service architecture, AI GRID SOL is also deploying a fully open and sovereign LLM deployment platform, starting with the African continent and expanding to serve broader regions worldwide.

Problem

AI adoption in Africa and parts of Europe is held back by **high GPU costs**, lack of **local infrastructure for sensitive data**, limited access to controllable AI platforms for multiple languages, and **regulatory barriers** that make cloud deployment difficult.

Solution

AI GRID SOL solves Africa's AI constraints with local GPU infrastructure for **high-performance workloads**, cost-efficient, energy-smart deployment, and a **sovereign AI platform** that lets enterprises control models delivering affordable, compliant, and **scalable AI compute** closer to users.

The Product

- **GPU-as-a-Service:** Cost-efficient AI compute
- **Sovereign AI Platform:** Open-source, multilingual LLMs for enterprises
- **Enterprise AI SaaS:** Callbots, chatbots, speech-to-text, copilots
- **Custom AI Deployments:** Tailored solutions for large organizations

- **Market Overview:** AI compute demand is growing over 30% annually, but Africa and parts of Europe remain underserved and highly cost-sensitive.
- **Competitive Advantage:** Algeria's low energy costs, proximity to Europe, and growing demand for sovereign AI infrastructure position AI GRID SOL as a regional first mover.
- **Strategic Location:** Based in Algiers and Oran, AI Grid Sol leverages Algeria's energy resources and HPC centers to power AI infrastructure, while its Mediterranean position enables efficient connectivity and service across Africa and Europe.

Partnership Potential

- **Deploy GPU & AI platforms** with technology partners
- **Co-develop AI services** with telecom operators
- **Offer market exposure** for investors and strategic partners



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- **Sector:** Oil & Gas (Energy Sector)
- **Business model:** B2B
- **Market size:** The global AI market in oil & gas is projected to grow from \$2.67 billion in 2023 to \$4.63 billion by 2028, indicating strong demand for AI-driven solutions in the sector.
- **Geographic focus:** Egypt
- **Capital Position:** Developer of Egypt's **domestically hosted AI platform** for the national fuel supply network; contracts are valued at **USD 1.5M–3M per phase**.
- **Partners & suppliers:** StreamControls, Omron PLC, EnviroTech

Company Overview

SCADAians is an established SME founded in 2017, focused on industrial automation, IoT, and digital solutions for the energy sector. Headquartered in Cairo, the company has a proven presence in Egypt's oil & gas (O&G) industry, delivering projects that improve operational efficiency and safety. With over 35 years of combined team experience, SCADAians provides tailored, high-performance solutions that drive operational efficiency and innovation.

Problem

Egypt's Oil & Gas sector lacks sufficient in-country **AI compute capacity** to scale advanced analytics and **real-time decision-making**. Dependence on offshore GPU infrastructure increases cost, latency, and regulatory risk, limiting the **sector's ability to deploy AI** at national scale and securely leverage critical data.

Solution

SCADAians enables a **sovereign AI platform** that transforms **Egypt's energy data** into real-time, predictive intelligence. By supporting secure, **in-country deployment** and integration with national systems, it creates a scalable foundation for **AI-driven energy** operations through strategic partnerships.

The Product

- **AI Assistant for oil & gas analytics** (monitoring, predictions, anomaly detection)
- **Local GPU-powered data center** (for AI training & inference)
- **Sovereign, secure cloud and infrastructure** (for government and Industrial stakeholders)
- **SCADA/IoT systems and APIs** (for hybrid workflow)

- **Market Overview:** SCADAians leverages SCADA, IoT, and AI with local infrastructure, securing a first-mover edge in Africa within the \$2.7–4.6B AI-driven oil & gas market.
- **Competitive Advantage:** SCADAians delivers AI-driven analytics for Egypt's oil & gas network, optimizing supply, preventing fraud, and boosting efficiency
- **Existing Partnerships:** Based in Cairo, SCADAians sits at the center of MENA's energy and industrial ecosystem, while deploying solutions built for complex legacy systems and remote industrial environments.

Partnership Potential

- **Energy & infrastructure:** Joint AI pilots in utilities and smart grids
- **Research:** AI for predictive maintenance, energy efficiency & emissions tracking
- **Policy:** Development of AI governance frameworks for critical infrastructure
- **Replication:** Transfer of model to other African & Mediterranean markets



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- **Sector:** AI Infrastructure/Multilingual Language Models
- **Business model:** B2C
- **Market size:** Targeting the digital inclusion of **600M+ Africans**, Generative AI in Africa could unlock **\$100B annually by 2030**, with multilingual models driving adoption.
- **Geographic focus:** Egypt (Pan-African 60+ African languages, global interoperability)
- **Capital Position:** ~\$120K raised to date, including a **\$20K Meta Llama Impact Grant** and recognition from the **Äänit Prize for Social Impact**.
- **Partnerships:** Cassava Technologies, Meta, WHO, NBA Africa.

Company Overview

Vambo AI is building Africa's multilingual AI infrastructure layer by providing locally trained models, low-latency inference platforms, and open APIs that let developers, enterprises, and governments build once and scale everywhere. Its offering includes Jua-Tanga open-source foundation models optimized for African languages and Vambo Studio APIs, powering translation, transcription, generation, and semantic search at scale.

Problem

Africa's **AI and digital ecosystems** are **fragmented by language** and limited local compute, leaving 600M+ people without access to technology in their **native languages**, limiting the african sector from economic and social development, slowing innovation, raising costs, and hindering inclusion.

Solution

Vambo AI builds **Africa's AI infrastructure** foundational layers, platforms, and **APIs that make AI accessible**, affordable, and scalable for 1.4B people, enabling developers and governments to deploy **inclusive solutions** quickly. By providing low-latency, locally hosted compute and multilingual support.

The Product

- **Multilingual AI APIs** for real-time translation, transcription, and inference
- **Foundational models** optimized for African and global languages
- **Single API → multi-language reach**, eliminating duplicated system builds
- **On-continent compute** ensures low latency, affordability, and data sovereignty

- **Market Overview:** Vambo AI is building Africa's multilingual AI infrastructure, targeting an \$11.4B regional market with expansion into an \$82B global opportunity.
- **Competitive Advantage:** Vambo AI treats multilingual AI as core infrastructure supporting 44+ African languages with low-latency local inference and unified APIs, enabling developers to build once and scale across Africa.
- **Strategic Location:** Based in South Africa, Vambo AI leverages Africa's most advanced AI talent and digital infrastructure to deliver last-mile language solutions at scale across diverse connectivity environments.

Partnership Potential

- **Public sector:** Multilingual government services & digital identity systems
- **Research:** Collaboration on low-resource language modeling & evaluation
- **Infrastructure:** Joint work on sovereign compute and energy-efficient AI
- **Standards:** Responsible AI & language inclusion benchmarks for public services



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- **Sector:** AI Infrastructure for Agriculture
- **Business model:** DeepLeaf is an AI-powered agricultural intelligence platform that operates across **B2B, B2C, and B2G** models.
- **Market size:** DeepLeaf targets the \$300B global crop-loss problem, starting with North Africa's \$27.5B tomato market and West Africa's cocoa sector.
- **Geographic focus:** Egypt (Africa-focused, scalable globally)
- **Partners & Suppliers:** Hassad Food, FarmBiz Africa, EBRD Star Venture, M-PESA, InstaSend

Company Overview

Deepleaf focuses on real-time crop health diagnostics using computer vision, monitoring over 1.2 million hectares of land globally. Its platform leverages Africa-specific crop and disease datasets, edge-optimized AI models for low-connectivity environments, and delivers diagnostics via drone, mobile, and API interfaces. Deepleaf serves smallholder farmers and agribusinesses, providing actionable insights to improve productivity and reduce crop loss.

Problem

Agriculture faces **massive losses** from late pest and disease detection **over \$300B lost globally** each year. In Africa, 80% of food producers lack early diagnostic tools, and existing **AI solutions** rely on high bandwidth and **global datasets**. Late or inaccurate diagnoses can reduce yields by up to 40%.

Solution

DeepLeaf provides crop health AI as **digital infrastructure**, using computer vision and **Africa-specific datasets** to detect pests, diseases, and nutrient deficiencies. APIs and dashboards deliver scalable diagnostics with actionable recommendations, reducing chemical use and costs.

The Product

- **AI platforms for crop health**, e.g., tools that analyze images across multiple crops and regions
- **Deploy energy-efficient cloud and GPU infrastructure** for fast, scalable diagnostics
- **Secure compute partnerships** to support regional agricultural networks
- **Deliver ready-to-use AI solutions**, e.g., intuitive dashboards, API access, and actionable crop health insights

- **Market Overview:** DeepLeaf targets a \$16B global opportunity (\$10B SAM, \$400M near-term SOM), growing at 18% CAGR, and empowers 500M smallholder farmers worldwide.
- **Competitive Advantage:** DeepLeaf uses advanced AI and global partnerships to deliver actionable insights directly to smallholders, bridging technology and field-level impact.
- **Strategic Location:** Based in Sidi Bennour, Morocco one of the region's largest agricultural hubs and a bridge between European and African food markets.

Partnership Potential

- **AI-powered agricultural innovation:** Joint R&D for crop disease detection and climate-resilient farming.
- **Farmer reach & distribution:** Integrate AI solutions with agri-input providers and digital extension platforms.
- **Public-private scaling pilots:** Co-develop projects with governments and G7 partners for rapid deployment.
- **Ethical AI standards:** Set trustworthy, scalable guidelines for AI in food systems.



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- **Sector:** AI Infrastructure for Healthcare / Radiology
- **Business model:** B2B / B2G
- **Market size:** Chestify has already served over **49,000 patients** across its operational footprint.
- **Geographic focus:** Ghana (expanding to Africa & the Caribbean)
- **Partners & Suppliers:** Ghana Health Authority, AWS, Google, IBM, Telecel Group

Company Overview

Chestify is closing critical healthcare gaps in Africa by connecting radiologists to underserved facilities through mobile diagnostics, AI-powered DICOM viewers, and CARA, an AI co-pilot that accelerates and improves diagnoses. With operations in three countries, Chestify has already reached 49,000+ patients, 25–30% of whom are children. Its solar-powered mobile units enable scalable, low-cost diagnostics, positioning the company to capture a growing market for AI-driven healthcare solutions in low-resource regions.

Problem

Africa faces a **critical shortage of radiologists** and **imaging infrastructure** (e.g., fewer than 100 radiologists serve 30M+ people in Ghana). **Limited access** in rural areas delays treatment, **increases mortality**, and underutilized medical images drive high diagnostic errors and healthcare inequities.

Solution

Chestify addresses Africa's radiology gaps with a dual **tele-AI platform** that connects radiologists to healthcare facilities via an **AI-enabled DICOM viewer**, speeding reporting, **improving accuracy**, and expanding **access to quality care**.

The Product

- **AI-powered radiology infrastructure**, e.g., smart viewers and diagnostic co-pilots
- **Mobile, solar-powered diagnostic units** expanding access to underserved areas
- **Scalable tele-radiology networks** connecting hospitals and remote radiologists
- **Ready-to-use AI healthcare solutions**, e.g., workflow automation and clinical quality assurance

- **Market Overview:** Chestify targets a \$1.65B African AI-teleradiology market and is already operating in Ghana, Kenya, and Senegal.
- **Competitive Advantage:** Chestify provides a pediatric-focused AI teleradiology platform, reaching low-resource patients and achieving 9–15% Ghanaian market penetration with a path to >50% share
- **Strategic Location:** Based in Kumasi, Ghana, anchored by strong medical training institutions Chestify is positioned to serve underserved markets across West Africa and the Caribbean.

Partnership Potential

- **Joint research on AI-assisted diagnostics** and imaging workflows
- **Partnerships with medical societies and regulators** on ethical AI use
- **Capacity-building programmes** for radiologists and clinicians
- **Expansion of teleradiology infrastructure** across Africa and the Caribbean



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MBA, BSc. Agriculture & Bio-Systems.
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- **Sector:** AI Infrastructure / Low-Resource Language Models
- **Business model:** B2B (with B2B2C distribution)
- **Market size:** PAWA AI targets the **\$1.5 Trillion** African AI market by enabling local businesses and governments to build "private AI" that doesn't require massive Silicon Valley-style data centers to run.
- **Geographic focus:** Tanzania & Kenya (Pan-African, starting with Swahili; expanding to Zulu, Xhosa, Yoruba, Arabic, Amharic and others)
- **Partners & Suppliers:** GSMA, NVIDIA Inception, AwamuPay, Niajiri, Common Crawl

Company Overview

PAWA AI is an easy-to-use platform that empowers people and businesses in Africa to access AI in local languages, ensuring solutions understand African contexts and realities. The platform enables enterprises and developers to build intelligent agents for sectors including education, agriculture, finance, and public services. PAWA AI has launched an open-source Swahili-first language model, serving 70,000+ users, 10,000 developers, and onboarding 10 local companies, backed by a research-driven team with global recognition and conference presence.

Problem

Most **African languages are excluded** from the digital economy. High compute costs, poor connectivity, and AI models that ignore cultural context **limit adoption**, reduce trust, raise costs, and restrict scalability.

Solution

PAWA AI offers a **low-code platform** for AI in Swahili and other **African languages**, enabling businesses and communities to **build AI agents** for customer service, education, agriculture, and finance, even in **low-connectivity environments**.

The Product

- **Shared language AI infrastructure**, e.g., open-source models for low-resource African languages
- **Lightweight, efficient models** deployable on low-bandwidth and edge environments
- **Scalable deployment** across enterprises and local communities
- **Ready-to-use AI solutions**, e.g., no-code chatbots, AI agents, and continuous improvement loops

- **Market Overview:** PAWA AI provides multilingual AI for low-resource African languages, targeting SMEs, enterprises, and governments, with a \$2B+ TAM, \$400M SAM, and 70,000+ users
- **Competitive Advantage:** PAWA AI is a leading open-source **African language AI platform** with enterprise integrations, culturally aware NLP, and local compute, securing a strong first-mover advantage.
- **Strategic Location:** Based in Nairobi East Africa's leading tech hub PAWA benefits from proximity to global tech players while building cost-efficient cloud workflows and local support models tailored to African operating conditions.

Partnership Potential

- **Joint research** on low-resource and energy-efficient language models
- **Public-sector pilots** for multilingual digital services
- **Education and developer** capacity-building programmes
- **Replicable language-AI infrastructure** for Global South contexts



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- **Sector:** AI-enabled Education & Creative Infrastructure
- **Business model:** B2C/B2B
- **Market size:** Muna serves a growing audience of families and educators, with over **9,300 organic views** on their streaming platform and a **74% completion rate**.
- **Geographic focus:** Ghana, Cameroon (Africa-first, multilingual, diaspora reach)
- **Partners & Suppliers:** Microsoft, UNICEF Ghana, MEST Africa, Google

Company Overview

Muna TV is an AI-powered streaming platform delivering personalized African animated content to foster cultural identity and enhance learning outcomes for children. The platform has onboarded 40+ animators with 200+ story titles, achieving 5,000+ organic views and a 74% completion rate. Muna TV is an award-winning children's media platform with strong partnerships including UNICEF, Google News, and the Global Book Alliance.

Problem

African culture is underrepresented in children's media. **68% of characters are non-African**, and most children consume mostly foreign content, reducing learning outcomes and weakening cultural identity. This limits children's exposure to their heritage and undermines the **development of cultural pride**.

Solution

Muna TV is a platform for **100% African animation**, with an AI engine that delivers **hyper-personalized recommendations**, enhancing cultural relevance, learning outcomes, and empowering local creators. Muna TV helps children connect with their roots while supporting a thriving local creative ecosystem.

The Product

- **AI-powered cultural and educational media**, e.g., 100% African animated content in one platform
- **Mobile-first delivery** optimized for African connectivity
- **Personalized discovery** via AI-driven recommendation engines
- **Creator tools with analytics**, collaboration, and sustainable distribution

- **Market overview:** Muna TV tackles Africa's children's content gap, providing localized edutainment that promotes cultural identity and foundational literacy for families, schools, and NGOs.
- **Competitive Advantage:** Muna is a first mover in culture-first EdTech, building a vertically integrated Afrocentric children's media platform.
- **Strategic Location:** Based in Accra, Ghana, Muna TV leverages West Africa's digital hub to scale across Anglophone and Francophone markets, offering multilingual, offline-ready content tailored to African connectivity and language conditions.

Partnership Potential

- **Co-production** of AI-enabled educational content
- **Public-sector pilots** with schools and education ministries
- **Research on AI**, learning outcomes, and cultural relevance
- **Capacity building** for African animators and creative technologists



Christian Elongue
Founder/ED

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- **Sector:** Conversational AI / Natural Language Processing (NLP) / Audio Intelligence
- **Business model:** B2B/B2G, API-driven platform
- **Market size:** Addressing the critical "Linguistic Gap" for over **120 million** people in Ethiopia and millions more across East Africa.
- **Geographic focus:** Ethiopia (with scalability across multilingual African markets)
- **Partners & Suppliers:** Ethio Telecom, Zemen Bank, AASTU, OpenAI

Company Overview

Hasab AI is an Africa-focused AI company developing **multilingual speech-to-text and summarisation technologies** designed for low-resource languages and real-world African contexts. The platform currently **supports two African languages**, has reached **1,800+ users across web and messaging channels**, and is already serving **paying enterprise clients**, demonstrating both grassroots adoption and commercial relevance. By prioritising linguistic inclusion, affordability, and interoperability, Hasab AI addresses a foundational gap in Africa's digital and AI ecosystems.

Problem

Across Africa, most spoken information remains inaccessible because African languages are **poorly supported** by modern speech technologies. Companies **rely on manual transcription** across education, healthcare, media, and public services, making processing **slow, expensive, and difficult** to scale.

Solution

Hasab AI delivers **multilingual speech intelligence** designed for African languages and contexts. The platform **automates transcription and summarisation, reducing costs** and enabling faster access to spoken information, allowing companies to **scale language-aware digital services** efficiently.

The Product

- **Multilingual speech-to-text** for low-resource African languages
- **Automated summarisation of spoken content**
- **APIs for integration** into enterprise and public-sector systems
- **Web and mobile tools** for transcription and language analytics

- **Market overview:** Growing demand for multilingual speech intelligence across Africa driven by digital public services, education, media, and enterprise AI adoption.
- **Competitive advantage:** Specialised speech models for low-resource African languages, designed for affordability, interoperability, and real-world deployment.
- **Strategic Location:** Based in Addis Ababa, Ethiopia, Hasab AI sits at the heart of a rapidly digitizing region, with access to a large, linguistically diverse population and a growing pool of skilled engineers.

Partnership Potential

- **Responsible AI development** for low-resource languages
- **Public-sector deployments** in education and healthcare
- **Compute and infrastructure partnerships** for model scaling
- **Research collaboration** on multilingual speech technologies
- **Capacity building** for local developers and institutions



Kidus Yared Kifle
Co-founder & CEO

Background in Software Engineering

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- **Sector:** AI Infrastructure / Environmental Data / Climate Tech
- **Business model:** B2B, B2G, API-driven platform
- **Market size:** Amini has analyzed over **80 billion hectares** of land across **25+ countries**.
- **Geographic reach:** Pan-African (East, West, and Southern Africa), with global enterprise partners
- **Capital Position:** Total funding of **\$6M** (including a \$4M Seed round in late 2023 led by **Salesforce Ventures** and **Female Founders Fund**).
- **Partners & Suppliers:** Aon, AfDBa, Microsoft, AWS, Government of Barbados

Company Overview

Amini is an Africa-focused AI company addressing environmental data gaps to strengthen food security and climate resilience. Its AI-powered platform delivers accurate, locally calibrated environmental insights for smallholder farmers, cooperatives, enterprises, and governments. Amini works with 10+ partners, reaching up to 8 million smallholder farmers across agriculture, insurance, compliance, and climate resilience use cases.

Problem

Africa faces significant environmental and agricultural data gaps that limit food security and climate resilience. Smallholder farmers lack reliable, localised data for decision-making, while enterprises, insurers, and governments struggle with risk assessment, compliance, and climate planning.

Solution

Amini AI provides AI-driven environmental data infrastructure built for African contexts. The platform **translates satellite, ground, and climate data into actionable insights**, enabling better decisions across agriculture, insurance, and public-sector planning, even in low-connectivity environments.

The Product

- **High-resolution climate and agricultural data** for African contexts
- **AI-Driven Insights:** Analytics for farming, insurance, and climate planning
- **API & Data Services:** Seamless integration into enterprise and public-sector systems
- **Low-Connectivity Deployment:** Designed for data-scarce and remote regions

- **Market Overview:** Amini delivers scalable climate and environmental intelligence in Africa, it provides verifiable data for climate compliance, sustainable agriculture, and access to regulated global markets.
- **Competitive Advantage:** Amini's competitive edge lies in AminiFM, a foundation model tailored to African conditions. It delivers granular, square-meter environmental insights in seconds.
- **Strategic Position:** Headquartered in Nairobi, Amini is based in Africa's leading AgTech and climate innovation hub, providing a strong launchpad for scalable deployment across East and West Africa.

Partnership Potential

- **Deploy environmental intelligence** for climate-smart agriculture and food security programs
- **Support insurance, compliance, and risk-management** use cases
- **Collaborate on public-sector climate planning** and resilience initiatives
- **Co-develop scalable environmental data solutions** for African markets



Kate Kallot

Founder & CEO

Background in Law and Communications & advanced technologies

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- **Sector:** Energy & Climate
- **Business model:** B2B, B2G, SaaS, API-driven platform
- **Market size:** Operating in the rapidly growing geospatial AI market, which is essential for Africa's **\$1.5 Trillion** projected AI economy.
- **Geographic focus:** Tunisia (with glocal scalability)
- **Partner & Suppliers:** TASMU Accelerator, AfricArena, Novation City

Company Overview

NextAV is a geospatial analytics startup using AI to turn public satellite data into high-resolution imagery. Its platform enables near real-time monitoring for mining, oil & gas, agriculture, and government sectors-covering pipelines, land use, crop health, and urban planning. Founded in 2021, NextAV is headquartered in Doha, Qatar, with operations in Tunisia, led by CEO Hichem Mokni and CTO Bilel Khlaifia.

Problem

Public satellite imagery lacks sufficient resolution for detailed analysis, while **high-resolution commercial imagery** is too expensive for continuous use. This limits timely, data-driven **decisions in infrastructure**, environment, and climate monitoring.

Solution

NextAV uses proprietary **AI super-resolution** to enhance public satellite imagery by up to 60x, turning low-resolution data into **high-precision geospatial intelligence**. This enables affordable, high-frequency analytics at scale without dependence on costly commercial imagery.

The Product

- **AI-powered super-resolution infrastructure** for public satellite imagery (Sentinel-1/2, Landsat 8/9)
- **Scalable SaaS and API delivery** for enterprise and government users
- **Sector-specific geospatial analytics** for agriculture, energy, smart cities, and climate resilience
- **Decision-support layer** powered by LLMs, enabling fast, intuitive insight generation

- **Market Overview:** NextAV operates in the \$75B global geospatial AI market (SAM \$25B, SOM \$900M), serving Oil & Gas, Government, Agriculture, and Mining industries.
- **Competitive Advantage:** NextAV's Super-Resolution AI converts 10m imagery to 1m, and enables near real-time monitoring with unmatched cost-efficiency and scalability in underserved markets.
- **Strategic Location:** Based in Sousse, Tunisia, NextAV leverages strong AI talent, proximity to Europe, and access to advanced AI infrastructure to build competitive AI capabilities at a structurally lower cost base.

Partnership Potential

- **Pilot AI solutions** for infrastructure and environmental monitoring
- **Advance Earth observation research** through AI-driven model development and validation
- **Build local capacity** in geospatial and climate analytics ecosystems
- **Co-develop compliance tools** for regulatory, reporting, and public-sector use



Hichem Mokni
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- **Sector:** Agriculture & Food systems
- **Business model:** B2B, B2G, SaaS, API-driven platform
- **Market size:** Targeting the global precision agriculture market projected to reach **\$24B by 2030**.
- **Geographic focus:** Morocco (active operations and testing in Spain, Turkey, France, and the Netherlands).
- **Partners & Suppliers:** EBRD, ONSSA, Seed Vegetables Supermarket.

Company Overview

PCS Agri is an agri-tech company digitising seed quality control through **AI-powered germination analysis**. Its solution replaces manual seed counting with fast, computer-vision-based measurement of germination rates, enabling seed nurseries and seed companies to improve accuracy, reduce labour costs, and standardise quality control. PCS Agri currently operates in **five countries**, supports **17+ crop varieties**, and processes **10,000+ germination analyses per day** through pilots with major seed companies.

Problem

Seed nurseries and seed companies rely on **manual germination counting**, a slow and error-prone process that **raises labor costs**, delays quality control and production decisions, **increases seed waste**, and limits scalable, across commercial operations.

Solution

PCS Agri delivers an AI-powered **computer vision platform** that automates germination analysis from images. The system provides **lab-grade accuracy** in seconds, reducing labor costs, **improving data reliability**, and enabling seed companies to scale quality control and decision-making efficiently.

The Product

- **AI-powered crop germination analysis platform**, e.g., mobile and web apps for real-time diagnostics
- **Scalable computer vision models** across 17+ crops with ~98% accuracy
- **Digital records for trend analysis**, compliance, and breeding optimization
- **Enterprise-ready APIs** for integration with global seed company systems

- **Market overview:** PCS Agri provides digital infrastructure for seed quality testing and agri-analytics, enabling faster, standardized germination analysis to support high-yield, climate-resilient agriculture.
- **Competitive Advantage:** PCS Agri delivers affordable AI germination analytics for emerging markets, using smartphones and cloud AI to lower adoption barriers while meeting EU sustainability and traceability standards
- **Strategic Location:** Based in Agadir, Morocco, PCS Agri operates from a key agricultural export hub, using local climate stress as a testbed and Morocco's trade links to scale across Africa and into EU markets.

Partnership Potential

- **Pilot deployments** with public agricultural bodies and seed research institutions
- **Research collaboration** on AI-driven yield prediction and sustainability metrics
- **Capacity building** for cooperatives and extension services adopting digital seed testing



Tahar Hamdani
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- **Sector:** Internet of Things (IoT) / Edge AI / Open Source Tech
- **Business model:** Non-profit Association / Ecosystem Enabler, Open-source platform, ecosystem-driven
- **Market size:** Operates in **17+ African countries** with a community of over **10,000 members**.
- **Geographic reach:** Pan-African (with strong roots in **Senegal, Kenya, Ghana, Togo, Benin, and Tanzania**)
- **Partners & Suppliers:** iLabAfrica, Kumasi Hive, Sonatel, FBK CREATE-NET, NVIDIA

Company Overview

Waziup is an open-source IoT and cloud platform enabling affordable, locally built digital solutions across Africa. Combining open hardware, software, and capacity-building programs, it helps innovators and institutions deploy sensor-based applications in agriculture, environment, water, energy, and smart cities, lowering adoption barriers and strengthening Africa's digital innovation ecosystem.

Problem

IoT adoption in Africa is **limited by high costs**, proprietary systems, and dependence on external providers. This **fragmented ecosystems**, weak infrastructure, and skill gaps hinder scalable solutions in agriculture, environmental monitoring, and public services.

Solution

Waziup offers an open-source IoT and cloud platform for low-resource environments, with affordable hardware and connectivity. By promoting skills development and local ownership, it enables African innovators to design, deploy, and scale sustainable IoT solutions.

The Product

- **Build and operate open-source IoT infrastructure**, e.g., device management, data collection, and analytics
- **Flexible connectivity**, e.g., LoRaWAN, cellular, and Wi-Fi support
- **Scalable cloud dashboards and APIs** for application development and integration
- **Deliver ecosystem support**, e.g., training, hackathons, and incubators for startups and innovation hubs

- **Market overview:** Waziup develops IoT and Big Data ecosystems across Africa, empowering rural communities and startups in agriculture, smart cities, and logistics to drive economic growth and resilience.
- **Competitive Advantage:** Waziup's full-stack IoT ecosystem combined with WaziHub's talent pipeline, delivers connectivity, builds local capacity, and supports startup growth..
- **Strategic Location:** Registered in Germany, Waziup operates across 20 African countries, partnering with local hubs to reach rural and secondary cities while combining EU technical expertise with local market readiness.

Partnership Potential

- **Capacity building for African innovators**, hubs, and public institutions
- **Research collaboration on IoT + AI** for sustainable development
- **Strengthening open-source ecosystems** and digital sovereignty



Dr. Abdur Rahimi
Founder & CEO

Master of Science in Electrical and Electronic Engineering

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- **Sector:** AI Infrastructure / Quantum Computing / Enterprise Acceleration
- **Business model:** B2B, B2G, Accelerator & Platform services
- **Market size:** Focused on the **\$1.5 Trillion** African AI economy
- **Geographic focus:** Ghana, Nigeria, Malaysia, United States
- **Country:** Flapmax has raised over **\$10M** in funding (notably from **Y Combinator, 500 Global, and Golden Gate Ventures**)
- **Partners & Suppliers:** Microsoft, Intel, IBM, AMD, Dell, HPE, NVIDIA

Company Overview

Flapmax is building Africa's sovereign AI backbone through modular data centers, high-performance AI & quantum computing, and **AfricaLM**, multilingual foundation models trained on African datasets. The company partners with **Microsoft, Intel, IBM, AMD, and Dell EMC** and operates pilots in **Ghana, Ethiopia, and Tunisia** to deliver low-latency, energy-efficient, and compliant AI infrastructure for governments, enterprises, and startups.

Problem

AI development in Africa is limited by a lack of sovereign compute infrastructure. Dependence on foreign hyperscalers drives high costs, data risks, and latency, while fragmented ecosystems and weak R&D hinder scalable AI deployment and keep Africa as a consumer rather than a producer of AI technologies.

Solution

Flapmax is creating Africa's sovereign AI backbone with modular, energy-efficient data centers, high-performance AI/quantum computing, and AfricaLM multilingual foundation models, providing affordable local compute, data sovereignty, and ecosystem-wide access for governments, researchers, and startups.

The Product

- **Build Africa's sovereign AI backbone** with high-performance AI & quantum compute hubs.
- **Deploy energy-efficient compute** via hybrid power systems suited to African conditions.
- **Develop sovereign foundation AI**, including AfricaLM models trained on curated African datasets.

- **Market Overview:** Flapmax builds sovereign AI infrastructure in Africa, enabling governments and enterprises to deploy advanced AI independently of foreign hyperscalers.
- **Competitive Advantage:** Flapmax's edge comes from modular AI data centers, high-performance AI/quantum computing, and AfricaLM multilingual models. Global partnerships and embedded R&D position it as Africa's long-term AI ecosystem leader.
- **Strategic Location:** Flapmax, anchored in Ghana and expanding to Ethiopia and Tunisia, builds a Pan-African sovereign compute network, localizing frontier AI technologies for scalable deployment across the continent.

Partnership Potential

- **Sovereign datacenters:** Modular, energy-efficient HPC, FPGA, and quantum-ready infrastructure across Africa.
- **Co-develop GPUs, FPGAs,** and heterogeneous compute with global partners.
- **Build local AI talent and IP** through training and research programs.
- **Partner with governments and DFIs** for compliant, scalable, sovereign AI deployment.



Dave Ojika
Founder & CEO

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- **Sector:** Infrastructure
- **Business model:** B2G / B2B
- **Market size:** Addressing the **3.8 billion people** in the Global South (particularly Sub-Saharan Africa)
- **Geographic focus:** Uganda (Kenya, Rwanda, Nigeria in 1-2 year)
- **Partners & Suppliers:** Google Deepmind, Cohere Labs, NVIDIA, Masakhane, MBZUI

Company Overview

Crane AI Labs is a sovereign AI infrastructure company building offline-first, hyper-efficient AI systems for last-mile deployment in low-connectivity environments across Africa. The company develops sovereign foundation models and deployment stacks optimized for African languages, cultures, and data sovereignty requirements. Crane AI Labs is globally validated through partnerships with Google DeepMind (GemmaVerse), NVIDIA (Inception Program), Gates Foundation, and recognition by the UK Government AI Safety Institute.

Problem

Most AI relies on **costly cloud infrastructure** and **Western-trained models**, leaving **3.8B people in low-resource** settings underserved. This creates gaps in health, education, and agriculture while raising data sovereignty and governance risks.

Solution

Crane AI Labs deploys sovereign, **offline-first AI infrastructure** with hyper-efficient Small Language Models optimized for low-cost hardware. Its governance by design framework ensures ethical, culturally safe, and compliant AI adoption, supporting rapid deployment and alignment with national AI strategies.

The Product

- **Crane Models & SDK:** Hyper-efficient, offline-capable AI for edge and on-prem deployment
- **UCCB Governance:** Africa's first AI cultural safety and bias benchmark
- **TANO App:** Offline AI in health, education, and agriculture, serving thousands
- **Edge Inference:** <500ms latency on low-RAM devices with advanced quantization

- **Market Overview:** Crane AI Labs focus on Sub-Saharan Africa, targeting 3.8B people. Supporting local languages like Swahili, Luganda, Kinyarwanda, and Acholi for 1.1B Africans with limited internet access.
- **Competitive Advantage:** Crane AI Labs efficient models use the UCCB to ensure culturally accurate outputs. Partnerships with NVIDIA and UAE's Jais enable cross-regional capabilities.
- **Strategic Location:** Crane AI Labs operates from USA for corporate and VC access, and Uganda, as a real-world testing hub. This dual strategy enables local data control, bridging global AI expertise with African market insights.

Partnership Potential

- **Public-private partnerships** for AI infrastructure and Digital Public Goods
- **Co-investment and scale-up pathways** aligned with the Mattei
- **Plan Replication of sovereign AI deployment models** across regions



Kato Steven Mubiru
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- **Sector:** Infrastructure / Cloud Compute / AI & Motion Capture
- **Business model:** B2G / B2B
- **Market size:** Global digital market projected to exceed \$1.3T, with strong demand for GPU-intensive cloud, AI, and digital production workloads
- **Geographic focus:** Kenya (Rwanda, Mozambique, South Africa in 1-2 years)
- **Capital Position:** \$1.1M secured operational revenues
- **Partners & Suppliers:** NVIDIA, Microsoft, Google Cloud, Liquid 2, IATA, Kipeto Energy

Company Overview

RYDLR Cloud Services Ltd operates a hybrid AI and cloud infrastructure network anchored at Kipeto Data Centre, a renewable-powered facility developed with Kipeto Energy PLC. The company delivers green, in-region AI and HPC infrastructure supporting training and inference workloads in aviation, healthcare, digital twins, and enterprise AI. RYDLR positions itself as a regional AI compute and data infrastructure anchor, bridging cloud, on-prem, and sovereign AI requirements.

Problem

Across Africa and emerging markets, **AI adoption is limited** by **scarce local compute**, reliance on offshore clouds, and rising energy costs, driving high latency, data sovereignty risks, and slower deployment for public sector and regulated enterprise use cases.

Solution

RYDLR Cloud Services solves this by delivering renewable-powered, hybrid AI and cloud infrastructure. Its mix of on-prem GPU clusters and cloud integration enables reliable regional workloads, aligned with national digital and energy strategies without dependence on hyperscalers.

The Product

- **Flexible AI & Cloud:** On-prem GPUs + cloud integration deliver low-latency, scalable compute for enterprises and public sector.
- **Massive, Secure Storage:** PB-scale SwissVault pipelines handle large datasets reliably.
- **Green & Cost-Efficient:** >90% renewable-powered AI hubs cut costs and carbon footprint while supporting regulated workloads.

- **Market Overview:** RYDLR Cloud Services drives Africa's digital transformation through green data centers, AI-powered cloud platforms, and enterprise solutions, tapping into rising demand for sustainable infrastructure.
- **Competitive Advantage:** RYDLR pairs Africa's largest wind-powered data center with platform-based AI solutions. Strategic partnerships with NVIDIA, Microsoft Azure, and key energy players reinforce technical credibility and market trust.
- **Strategic Location:** Headquartered in Nairobi, East Africa's tech and connectivity hub, RYDLR is ideally positioned to scale rapidly across high-growth urban markets, leveraging strong infrastructure, deep talent pools, and regional investor access.

Partnership Potential

- **Provision of in-region GPU and AI compute capacity** for innovators and pilots.
- **Joint green AI infrastructure pilots** with governments and multilateral partners
- **Public - private partnerships** for sovereign and regulated AI workloads
- **Energy + AI infrastructure** co-investment opportunities



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- **Sector:** Digital Infrastructure / Sovereign Cloud
- **Business model:** B2G / B2B
- **Market size:** African AI market projected to grow from \$4.5B to \$16.5B by 2030
- **Geographic focus:** Algeria (North Africa & Francophone Africa in 1-2 years)
- **Partners & Suppliers:** Orange, NVIDIA, Banking and Insurance Institutions in Algeria

Company Overview

ADEX Technology is a licensed sovereign cloud service provider in Algeria, delivering compliant cloud and AI automation solutions for enterprises and public institutions. The company operates ADEXCLOUD AI, an Agent-as-a-Service platform enabling secure, multilingual AI automation across regulated sectors. With over 16 years of experience in digital transformation, ADEX combines sovereign infrastructure, enterprise-grade AI, and deep regulatory compliance

Problem

Across Africa, **enterprises and public institutions** struggle with costly, fragmented, and **non-compliant AI solutions**, relying heavily on foreign cloud providers. This **slows digital transformation** and limits AI adoption in regulated sectors.

Solution

ADEX provides sovereign, AI-powered automation fully hosted on national cloud infrastructure, combining private AI models, modular agents, and compliant cloud systems for secure, scalable, and regulation-aligned deployment.

The Product

- **AI-powered Agent-as-a-Service platform** for rapid automation.
- **Private, compliant AI solutions** for regulated industries.
- **Multichannel Automation:** Supports voice, chat, WhatsApp, email, CRM, and ERP workflows.
- **Enables AI functionality in low-connectivity** or disconnected environments.
- **High-performance compute** for AI training and real-time inference.

- **Market Overview:** ADEX targets Africa's \$1B+ sovereign AI and cloud market, serving banking, insurance, and public sectors with 25% annual growth.
- **Competitive Advantage:** ADEX delivers compliant sovereign cloud and AI automation, hosting 400+ enterprise workloads, backed by operational data centers and a hybrid Algerian-Canadian R&D model.
- **Strategic Location:** Headquartered in Algeria with an Ottawa R&D hub, ADEX leverages premium GPU resources and funding, with plans to expand a North African AI compute backbone across Tunisia, Mauritania, Côte d'Ivoire, and beyond.

Partnership Potential

- **Joint development of locally governed AI** and cloud infrastructure across African markets.
- **Collaborate with infrastructure and energy providers** to expand compute capacity.
- **Co-develop multilingual AI solutions** for finance, healthcare, and public services.
- **Partner with Italian and European tech providers** to implement AI at scale.



Djaoued Salim ALLAL
CEO & Founder

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- **Sector:** Digital Infrastructure / AI for Capital Markets / Investment Tech
- **Business model:** B2B / B2G / B2C
- **Market size:** Valued at \$5.6B (2023), projected to reach \$11.9B by 2032, driven by government-led digital transformation and STEM education priorities
- **Geographic focus:** Egypt (KSA, Qatar, Oman, Lebanon, Ghana in 1-2 years)
- **Capital position:** Bootstrapped with \$110K invested in product development, active B2B/B2G revenue pipeline exceeding \$500K
- **Partners & Suppliers:** [STEM.org](https://www.stem.org), Engineering for Kids, Various Ministries of Education

Company Overview

Armstrong is a complete STEAM education solutions provider delivering AI-enabled, plug-and-play K-12 learning infrastructure for schools and individual learners. The company combines curriculum, hardware labs, and an AI-powered digital platform, supporting both synchronous and asynchronous learning. Armstrong positions itself as a scalable education infrastructure partner for governments and private schools across MENA.

Problem

Across the MENA region, **only 30% of schools offer hands-on STEM education**, while over 70% rely on outdated curricula. **Schools face limited access** to modern AI-enabled learning tools, qualified instructors, and scalable digital platforms, **slowing the adoption** of future-ready education and widening skills gaps.

Solution

Armstrong addresses this gap through a complete **plug-and-play STEAM solution** that integrates physical labs, updated curricula, teacher training, and an **AI-powered learning platform**. Its approach enables rapid deployment, standardized quality, and scalable delivery, aligned with national education reform agendas.

The Product

- **AI-powered K-12 learning platform**
- **STEM, Robotics, Electronics & AI labs** (KG–G12)
- **Curricula, toolkits**, and international accreditation
- **Teacher training & enrichment programmes**
- **Multilingual delivery** (Arabic & English)
- **Live LMS** with real-time AI inference

- **Market Overview:** Armstrong targets the \$4.2B K-12 STEM market in MENA, reaching 270,000+ schools and 56M students, with \$460M immediate opportunity in Egypt and the Gulf due to outdated STEM curricula in 70% of schools.
- **Competitive Advantage:** Armstrong offers a dual-language STEM platform with hands-on labs, and scalable “plug-and-play” deployment for K-12 schools.
- **Strategic Location:** Armstrong operates across Egypt, Ghana, Lebanon, KSA, and Qatar, with expansion into the Maghreb, Oman, Bahrain, and international markets, leveraging China-based hardware production for scalable deployment.

Partnership Potential

- **Joint pilots with Ministries of Education** for AI-enabled classrooms
- **Scaling AI tutoring systems** on sovereign or regional compute
- **Co-developing content and curriculum** with academic institutions
- **Public-private partnerships** aligned with education reform agendas



Ali Wahba

Co-Founder & CBO

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- **Sector:** Digital Health / HealthTech / AI for Global Health
- **Business model:** B2C / B2B / B2G
- **Market size:** Currently reaching **3.4 million+ mothers** (as of late 2025)
- **Geographic focus:** Kenya, Nigeria, Ghana, Eswatini (Zambia, Tanzania in 1-2 years)
- **Capital Position: Scaling Growth.** Budget increased from \$7M to **\$11M for 2025.**
- **Partners & Suppliers:** Governments (Ministry of Health Kenya/Ghana/Eswatini), AWS, eHealth Africa, Meta

Company Overview

Jacaranda Health is a Kenyan-based company providing maternity services to pregnant women. Jacaranda Health's AI platform, PROMPTS, delivers personalized maternal care via SMS and voice, triaging urgent cases to nurses. Reaching 3M+ women in Kenya at \$2 per pregnancy, it drives timely care and scales across Tanzania, Nigeria, and Ghana with culturally relevant, AI-powered guidance.

Problem

Many mothers in low-resource African settings lack timely, trusted maternal health information due to literacy, access, and system barriers. This results in delayed care, preventable complications, and maternal deaths, with 33% of deaths linked to delayed care-seeking and 55% to provider-related challenges.

Solution

Jacaranda Health delivers personalized maternal guidance via SMS and voice AI. Its localized LLM, UlizaMama, triages danger signs and escalates urgent cases to nurses. Reaching millions across Africa, it improves care-seeking, reduces complications, and expands access for low-literacy users.

The Product

- **AI-powered maternal health platform** delivering personalized guidance, triage, and reminders.
- **SMS messaging**, for specific pregnancy info, appointment nudges, Q&A
- **Voice AI (UlizaMama):** Real-time responses; Swahili-English code-switching
- **Feature-phone** Optimized for low connectivity, low literacy, and visual impairments

- **Market Overview:** Jacaranda Health fills critical maternal health gaps in low-resource settings with users in Kenya, the platform is expanding to Tanzania, Nigeria, and Ghana.
- **Competitive Advantage:** PROMPTS combines scale, personalization, and low-cost delivery with AI built for local languages and cultures, driving better maternal outcomes.
- **Strategic Location:** Headquartered in Nairobi, Jacaranda Health partners with Kenyan and regional health authorities to scale PROMPTS across East and West Africa.

Partnership Potential

- **Integrate PROMPTS with national health programs** for scale and systemic impact
- **Co-develop multilingual LLMs and voice AI** with tech partners, creating proprietary IP
- **Partner with telecoms** to ensure feature-phone accessibility in underserved areas
- **Validate AI triage models** with universities and research institutions to strengthen credibility



Jay Patel

Director of Technology

Bachelor's and Master's degrees in Computer Science from Franklin University, Ohio, USA.

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- **Sector:** Digital Infrastructure / AI for Capital Markets / Investment Tech
- **Business model:** B2G / B2B
- **Market size:** Africa's SME financing gap estimated at \$330B, with strong demand from DFIs, institutional investors, and diaspora capital allocators seeking scalable deal sourcing and due diligence
- **Geographic focus:** Ivory Coast, United States, France (Pan-African SME coverage 25+ countries in 1-2 years)
- **Partners & Suppliers:** AfDB, U.S Chamber of Commerce, MIT Advisors

Company Overview

Transat Management Company (TMC) is building a trusted, AI-powered capital matching platform that connects global patient capital with Africa's most promising SMEs. The platform combines AI-driven matching, readiness scoring, and human-in-the-loop oversight to reduce friction, build trust, and scale cross-border investment discovery. TMC positions itself as digital public infrastructure for inclusive capital flows, aligned with DFIs and blended-finance use cases.

Problem

African SMEs lack access to patient capital and tools to prove investment readiness, while investors face fragmented deal flow, information asymmetries high diligence costs, and poor visibility slowing scalable capital deployment.

Solution

TMC closes this gap with a trusted AI matching engine that blends structured financial data, semantic analysis, and advisor oversight to deliver investor-ready SME pipelines, reduce due-diligence friction, and enable blended finance, co-investment, and diaspora capital at scale.

The Product

- **AI-driven matching engine** combining smart filtering, NLP embeddings, and weighted scoring
- **SME readiness scoring** based on governance, traction, and formalization
- **Human-in-the-loop workflows** to ensure trust and cultural fit
- **Custom dashboards** for DFIs to track impact, capital flows, and portfolios

- **Market Overview:** The platform addresses Africa's \$330B SME financing gap by efficiently connecting capital-ready SMEs with global investors.
- **Competitive Advantage:** The platform uses AI-driven matching, and regional human validation to de-risk investments, while enabling blended finance, end-to-end cross-border deal execution.
- **Strategic Location:** Headquartered in Boston, the platform leverages a transatlantic ecosystem across the U.S., Europe, and priority African markets aligned with AfDB and AfCFTA trade corridors.

Partnership Potential

- **Joint pilots with DFIs** to industrialize SME onboarding and matching
- **Blended-finance facilities** co-created with public and private investors
- **Data collaborations** (SME, trade, diaspora talent) to improve match quality
- **Italian / G7 partnerships** for investor access and platform scaling



Mini Kouamé

Founder & Managing Partner

Background: MIT trained and Harvard graduated
Quantitative Finance expert

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- **Sector:** AI Skills & Capacity Building / Responsible AI
- **Business model:** Non-profit / Partnership-driven
- **Market size:** Africa's digital skills gap impacts over 230M young people; AI skills and responsible AI literacy identified as a strategic priority by governments, multilaterals, and development partners
- **Geographic focus:** Kenya (East, West, Southern Africa in 1-2 years)
- **Partners & Suppliers:** Microsoft, Cortex Logic, MIIA, Equity Group, FSDK

Company Overview

AICE Africa (AI-4AI) is a pan-African, non-profit centre of excellence focused on equipping African youth and institutions with responsible AI skills, literacy, and governance capacity. The organisation delivers training, mentorship, community building, and policy engagement, positioning itself as foundational human-capital infrastructure for Africa's AI ecosystem. AICE Africa emphasises ethical, inclusive, and development-oriented AI adoption.

Problem

Across Africa, rapid AI adoption is outpacing AI literacy, governance capacity, and ethical safeguards. Youth, educators, and institutions face limited access to high-quality AI training, mentorship, and responsible AI frameworks, increasing the risk of exclusion, misuse, and unequal participation in the AI economy.

Solution

AICE Africa addresses this gap by delivering inclusive, AI capacity-building programmes that combine technical training, AI governance awareness, and community-based learning. Its model supports youth empowerment, institutional readiness, and ethical AI deployment.

The Product

- **AI-4AI Membership Programme:** Pan-African AI learning and networking community
- **Digital AI Literacy training for youth,** educators, and institutions
- **School outreach programmes** introducing foundational AI concepts
- **AI governance & policy initiatives,** including school-level AI governance frameworks

- **Market Overview:** Africa's AI market is scaling rapidly from \$4.9B in 2025 to \$16.5B by 2030 with Generative AI unlocking \$100B+ in annual value.
- **Competitive Advantage:** AICE Africa turns real business problems into trained AI talent. Its Proof of Work program achieves 60% job placement while converting trainees' solutions into new companies.
- **Strategic Location:** Anchored in Nairobi and Johannesburg, combining East Africa's market access and renewable energy advantages with South Africa's corporate ecosystem.

Partnership Potential

- **Joint AI literacy and skills programmes** for AI Hub innovators and youth communities
- **Responsible AI training and governance modules** linked to AI Hub deployments
- **Pan-African community engagement** and outreach
- Collaboration with Italian / G7 partners on **ethical AI and capacity-building**



John Kamara
CEO & Founder

Background: Entrepreneur

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- **Sector:** AI Infrastructure / Arabic-native LLMs / Conversational & Voice AI
- **Business model:** B2B / B2G /
- **Market size:** Global AI market projected to grow from \$184B in 2024 to \$826B by 2030; MENA AI market scaling from \$20B to \$100B over the same period.
- **Geographic focus:** MENA region (Riyadh, Dubai, Cairo); active deployments across 40+ countries
- **Partners & Suppliers:** Microsoft, Meta (WhatsApp Business APIs), government entities, telecom operators, financial institutions

Company Overview

WideBot AI is a leading Arabic-native generative AI company building proprietary large language models and AI infrastructure optimized for Arabic dialects. Through its flagship AQL models, the company delivers enterprise-grade conversational AI, voice agents, document intelligence, and AI APIs deployed at scale across government, finance, healthcare, telecom, and retail sectors. WideBot positions itself as critical digital public infrastructure for Arabic-speaking markets.

Problem

Across the MENA region, governments and enterprises face limited access to AI systems that truly understand Arabic dialects, cultural context, and regulatory constraints. Global LLMs remain inefficient, costly, and poorly adapted to Arabic use cases, creating barriers to digital inclusion, public service automation, and scalable AI adoption in sensitive, compliance-driven environments.

Solution

WideBot addresses this gap by developing fully proprietary, Arabic-native LLMs and AI infrastructure optimized for local dialects, lower compute requirements, and enterprise-grade deployments. Its models deliver higher accuracy, lower token usage, and stronger contextual understanding, enabling scalable, cost-efficient, and compliant AI adoption across public and private sectors.

The Product

- **AQL Arabic-native LLMs (7B, 0.5B)** optimized for MSA and regional dialects
- **Conversational AI & Voice Agents** across chat, call centers, and digital channels
- **Enterprise AI APIs** for language, speech, document intelligence, and analytics
- **Flexible deployment models:** on-prem, private cloud, partner-managed infrastructure

- **Market Overview:** Arabic-speaking markets are a fast-growing yet underserved AI segment, driven by strong demand from governments and large enterprises for localized and compliant AI solutions.
- **Competitive Advantage:** WideBot combines proprietary Arabic-native models, deep dialect specialization, lower compute requirements, and large-scale production deployments.
- **Strategic Location:** Headquartered across Cairo, Dubai, and Riyadh, WideBot sits at the center of MENA's government digitalization and enterprise AI adoption.

Partnership Potential

- **Deployment of Arabic-native LLMs** for public sector and enterprise use cases
- **Compute-efficient AI pilots** aligned with responsible AI and sovereign infrastructure goals
- **Joint initiatives** on AI localization, governance, and digital public infrastructure
- **Collaboration with Italian and G7 partners** on ethical, inclusive AI for emerging markets



Mohamed Nabil
CEO & Founder

Background: Entrepreneur

Website: <https://widebot.ai/>
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- **Sector:** Conversational AI
- **Business model:** B2B
- **Market size:** Conversational AI market projected to exceed \$40B by 2030, driven by enterprise automation, multilingual customer experience, and agentic workflows
- **Geographic Focus:** Tunisia (Europe, MENA, Sub-Saharan Africa in 1-2 years)
- **Partners & Suppliers:** Orange Fab Tunisia, Telup

Company Overview

Hexastack develops Hexabot, an open-source, production-ready agentic AI framework enabling organizations to build, orchestrate, and deploy multilingual chat, voice, and task-driven agents at scale. The platform combines RAG, LLM orchestration, tools/actions, and multi-channel delivery, with full support for self-hosting and data sovereignty. Hexastack positions itself as foundational digital infrastructure for enterprise AI agents, balancing open-source principles with enterprise-grade performance.

Problem

Enterprises struggle to implement conversational AI that works reliably at scale, supports multiple languages, and complies with local data laws. Proprietary solutions are costly and rigid, while open-source tools often fail to meet enterprise standards for performance, monitoring, and governance.

Solution

Hexastack provides a modular, open-source AI framework with a high-performance LLM API, enabling enterprises to deploy scalable, reliable, and low-latency conversational AI while retaining full control over data and compliance. Its flexible architecture supports cloud, on-prem, and edge deployments.

The Product

- **Hexabot Agent Builder:** Drag-and-drop interface for chat, voice, and task automation
- **Agentic workflows:** RAG, tools/actions, multi-channel orchestration
- **LLM inference API (vLLM-ready):** Optimized for throughput, batching, and quantization
- **Extensions marketplace:** Custom integrations and revenue-sharing ecosystem

- **Market Overview:** Hexastack targets the \$8B+ conversational AI market with Hexabot, enabling businesses to deploy agentic AI for customer support, healthcare, and e-commerce workflows.
- **Competitive Advantage:** Hexastack's open-source Hexabot enables on-premise, privacy-safe deployment, with multilingual support, hybrid AI platform for rapid, customizable use.
- **Strategic Location:** Headquartered in Tunis, Hexastack taps Africa's digital market, nearshore Europe access, skilled engineers, and Startup Act incentives.

Partnership Potential

- **GPU-backed inference pilots** for AI Hub innovators and enterprises
- **Joint work on sovereign, self-hosted agent platforms**
- **Research and industry collaboration** on high-throughput inference and quantization
- **Italian / G7 partnerships** for enterprise CX, telecom, and public-sector deployments



Mohamed Marrouchi
CEO & Founder

Background: Full stack Software Engineer

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- **Sector:** Voice AI/ Conversational Banking
- **Business model:** B2B/ B2G, pay-per minute enterprise SaaS
- **Market size:** Conversational AI market in Middle East & Africa is expected to reach a projected revenue of US\$3,533.5 million by 2030, growing at a 19.7% CAGR from 2025 to 2030, up from US\$1,200.0 million in 2024.
- **Geographic Focus:** East Africa (Rwanda, Kenya), expanding across Sub-Saharan Africa.
- **Partners & Suppliers:** Mozilla Ventures, DeveloPPP Ventures, Angaza Capital, Kara Ventures.

Company Overview

Pindo is a Voice AI startup transforming financial services and public-sector engagement in East Africa. Its platform lets banks, microfinance institutions, fintechs, and governments automate customer interactions, loan applications, balance inquiries, and service delivery through simple phone calls, in Kinyarwanda, Swahili, Luganda, and English, without requiring internet access or app downloads.

Problem

Banks and governments struggle to reach low-literacy, offline populations in their own languages. Apps and branches exclude millions, while proprietary IVR systems are costly, rigid, and rarely support local African languages.

Solution

Pindo provides a Voice AI platform with proprietary NLP and text-to-speech tuned for African languages, enabling natural, secure phone-call interactions for banking, identity verification, and service delivery, fully automated, on a pay-per-use model.

The Product

- **Voice Banking:** send/receive money, loans, card mgmt
- **NLP/TTS:** Kinyarwanda, Swahili, Luganda, English
- **Channels:** calls, IVR, USSD, SMS, verify

- **Market Overview:** 150+ enterprise clients across finance, healthcare, government, and agriculture.
- **Competitive Advantage:** proprietary, internet-free voice AI tailored to African languages and dialects.
- **Strategic Location:** Headquartered in Kigali, Rwanda, with reach across East Africa

Partnership Potential

- **GPU-backed inference pilots** for AI Hub innovators and enterprises.
- **Voice model training acceleration:** across additional East African languages.
- **Joint deployment expansion:** into new markets including Rwanda.



Remy Muhire
CEO & Founder

Background: Computer Science, ex-Mozilla Voice Tech community lead

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- **Sector:** Fintech AI/ Embedded Lending
- **Business model:** B2B2C, lending-as-a-service to banks & MFIs
- **Market size:** Africa Digital Lending Platform market valued at USD 545.37 million in 2024, projected to reach USD 2,149.33 million by 2032, growing at an 18.7% CAGR
- **Geographic Focus:** Rwanda, expanding to Kenya, Uganda and Zambia,
- **Partners & Suppliers:** DeveloPPP Ventures, Google for Startups, Catapult: Inclusion Africa

Company Overview

Exuus is a Rwanda-based lending-as-a-service platform that uses AI-powered credit scoring to extend financial services to underbanked individuals across East Africa. Exuus embeds its Cartix credit scoring engine into banks and mobile money platforms, enabling fairer, data-driven access to credit. The company is actively developing a generative AI chatbot and voice AI interface for feature-phone users, bringing conversational financial services to populations typically excluded from digital banking.

Problem

Millions of rural and low-income individuals across East Africa lack formal credit histories, locking them out of banks and mobile money lenders. Traditional savings groups operate manually, making it hard for financial institutions to assess and extend credit fairly.

Solution

Exuus digitizes savings groups and individual financial behavior, then runs this data through its Cartix AI credit scoring engine, embedded directly into banks and mobile money platforms, to generate fair, data-driven credit scores and unlock access to formal lending.

The Product

- **SAVE:** digital ledger for savings groups, accessible via app or *777#
- **Cartix:** embeddable AI credit scoring engine
- **In development:** generative AI chatbot & voice AI for feature phones

- **Market Overview:** 200K+ unbanked users served, 10K+ remote communities supported in Rwanda
- **Competitive Advantage:** proprietary Cartix scoring engine embedded directly into bank & mobile money rails
- **Strategic Location:** Headquartered in Kigali, Rwanda, with regional expansion underway

Partnership Potential

- **AI Hub compute access:** to build and deploy its generative AI chatbot on AWS infrastructure
- **Voice AI development:** for a feature-phone interface targeting East African users
- **Architecture already scoped:** two workloads the team has begun building



Shema Steve
CEO & Founder

Background: BSc (Bachelor of Science) in
Environmental Management

Website: <https://exuus.com>



- **Sector:** AgriTech AI/ Precision Farming
- **Business model:** B2B/B2C, SaaS mobile platform for smallholder farmers
- **Market size:** MEA precision farming market projected to reach \$792.6M by 2030 (10.6% CAGR); Africa's broader digital agriculture market valued at \$26B in 2025, forecast to reach \$44.4B by 2030 (Mordor Intelligence / FAO).
- **Geographic Focus:** Zambia (194 locations). expanding across Sub-Saharan Africa
- **Partners & Suppliers:** Zambian Government, UNDP Accelerator Lab, Engineering Institution of Zambia.

Company Overview

Netagrow Technologies is a Zambia-based smart farming platform combining AI, IoT sensors, and local language intelligence to support smallholder farmers across Africa. Its platform delivers AI-powered crop disease detection, soil analysis, and personalised agricultural advisory in local languages, with models being fine-tuned across five African languages. Operating in 194 locations with over 3,600 active users, Netagrow is building the data infrastructure for a more productive and climate-resilient African agriculture sector.

Problem

Over 70% of Zambian farmers rely on traditional practices, with little access to reliable, timely information on crop health, weather, or pest management, leading to significant crop loss, poor yields, and food insecurity. Advisors are scarce and expensive to reach in rural areas.

Solution

Netagrow combines AI-powered disease detection (Agrivision), real-time IoT environmental monitoring, and on-demand expert advisory (Farm Assist) into a single affordable mobile app, giving farmers precise, localised insights in their own language, without needing specialist visits.

The Product

- **Agrivision:** AI image recognition for early crop disease detection
- **Farm Assist:** on-demand network of qualified agricultural specialists
- **IoT Device:** real-time soil, weather & environmental monitoring (in development)

- **Market Overview:** Africa AgriTech market projected to exceed \$1B by 2030; 70%+ of Zambian farmers still using traditional methods.
- **Competitive Advantage:** combining AI disease detection, IoT sensing, and expert-on-demand advisory in local Zambian languages in a single app.
- **Strategic Location:** Lusaka, Zambia — embedded in UNDP Accelerator Lab and Mukuba UniPod, with government backing..

Partnership Potential

- **AI Hub compute:** to fine-tune Mau language model across five additional Zambian languages
- **Language expansion:** moving from two to seven supported local languages for advisory
- **National scale:** enabling smallholder farmers across Zambia to access advisory in their local tongue



Nchimunya Munyama
Co- Founder

Background: Bachelor of Science (BSc), Forestry

Website: <https://www.netagrow.com>

- **Sector:** Language AI/ Agriculture Advisory
- **Business model:** B2B/B2G, SaaS platform + donor funded impact programmes
- **Market size:** Africa's digital agriculture market projected to reach \$44.4B by 2030 (11.3% CAGR); digital advisory and information services are the dominant segment, with 33M smallholder farmers currently reached by digital tools projected to grow to 200M by 2030 (CTA / FAO).
- **Geographic Focus:** Senegal (all 11 regions). Gambia, expanding across West Africa
- **Partners & Suppliers:** ANACIM (National met agency), Lacuna Fund, USAID, Fund for Innovation in Development

Company Overview

Jokalante is a Senegal-based AI and data company delivering voice-based agricultural advisory and climate information services to smallholder farmers in local African languages, including Wolof, Pulaar, and Sereer. Through its NAFOORE platform, Jokalante reaches farmers across Senegal via radio, SMS, and AI-powered voice calls, in partnership with ANACIM. The company built the KALLAAMA project, funded by Lacuna Fund, creating one of Africa's largest open speech datasets in Wolof and Pulaar, and is integrating generative AI to deliver personalised, conversational farm advisory at scale.

Problem

Nearly 60% of Senegalese people cannot read or write, and rural farmers receive little reliable climate or agronomic advice in their own languages, leaving them exposed to crop failure, climate shocks, and post-harvest losses. Information from NGOs and government is often top-down, slow, and inaccessible.

Solution

Jokalante's NAFOORE platform delivers localised climate data, soil-specific crop advice, and market information via voice calls, SMS, IVR, and radio in Wolof, Pulaar, Sereer, Diola, Mandinka, French, and English. A generative AI chatbot adapts responses in real time to weather, soil type, and crop, with no internet or literacy required

The Product

- **NAFOORE:** multichannel voice + SMS advisory platform in 7 local languages
- **KALLAAMA:** open speech dataset in Wolof and Pulaar (Lacuna Fund-funded)
- **Gen AI chatbot:** personalised farm advisory via WhatsApp and voice call

- **Market Overview:** 500,000+ Senegalese smallholder farmers; 60% adult illiteracy makes voice the only viable channel
- **Competitive Advantage:** Owns one of Africa's largest open speech datasets in Wolof and Pulaar (KALLAAMA); multichannel reach across radio, SMS, IVR, voice, and WhatsApp.
- **Strategic Location:** Dakar, Senegal — national ANACIM partnership, coverage across all 11 regions, and a gateway to West Africa's large Wolof/Pulaar-speaking population

Partnership Potential

- **Compute access:** to integrate Pulaar as a second fully supported language
- **Crop expansion:** add three additional value chains: rice, sesame, and potatoes
- **Climate model:** build a localised climate model with meteorological and academic partners



Ndeye Amy Kebe
CEO & Founder

Background: Master of Science (MSc) in Education and Adult Learning (Educational Sciences)

Website: <https://jokalante.com>

- **Sector:** Language AI/ Open Data
- **Business model:** B2B/B2G, data services, model development, and AI tools licensing
- **Market size:**
- **Geographic Focus:** Rwanda, expanding to broad East Africa
- **Partners & Suppliers:** Gates Foundation, GIZ / FAIR Forward, Mozilla, Translators without Borders

Company Overview

Digital Umuganda is a Rwanda-based AI and open data company on a mission to make African languages accessible in the digital world. The company develops high-quality language datasets, speech recognition systems, and AI tools for underrepresented African languages, working with governments, NGOs, and the private sector. In partnership with the Gates Foundation, Digital Umuganda built a Kinyarwanda-English machine translation model enabling community health workers to use large language models for triage and decision support. It is Africa's largest contributor to Mozilla Common Voice, with over 2,200 hours of Kinyarwanda voice data collected.

Problem

African languages like Kinyarwanda, spoken by 40 million people, are severely underrepresented in the digital world. Without open datasets, speech recognition models, and NLP tools in local languages, AI systems remain inaccessible to the majority of Africa's population, particularly those in rural areas who cannot speak English or French.

Solution

Digital Umuganda builds open-source voice datasets, speech recognition models, machine translation systems, and AI chatbots for African languages, mobilising local communities to donate voice data and co-create digital infrastructure. Its Mbaza AI chatbot was the first Kinyarwanda-language conversational AI deployed at national scale.

The Product

- **Common Voice datasets:** 2,200+ hours of Kinyarwanda, Africa's largest contribution
- **Mbaza AI chatbot:** Kinyarwanda speech-to-text + text-to-speech, deployed for COVID-19 info
- **Machine translation:** Kinyarwanda-English MT model used in health and government sectors

- **Market Overview:** largest Kinyarwanda dataset in existence; certified data controller in Rwanda; partnerships with Gates Foundation, GIZ, Mozilla
- **Competitive Advantage:** community-led data collection model, open-source infrastructure, and deep local language expertise
- **Strategic Location:** Kigali, Rwanda — one of Africa's most innovation-friendly regulatory environments, with certified data controller status and strong government digital transformation mandates.

Partnership Potential

- **Compute infrastructure:** to expand African language dataset collection and model training
- **Larger models:** to train more accurate speech recognition and translation models
- **Health sector:** to scale Kinyarwanda LLM tools for community health workers across Rwanda



Audace Niyonkuru
CEO & Founder

Background: BSc (Hons) International trade and Economics

Website:

- **Sector:** AgriTech AI/ Supply Chain Compliance
- **Business model:** B2B SaaS, compliance-as-a-service for food brands and agribusinesses
- **Market size:**
- **Geographic Focus:** Zambia, targeting EU Export markets and global supply chains
- **Partners & Suppliers:** CIFOR, WWF (signed partnerships); Cardano blockchain infrastructure

Company Overview

Jiraffe AI (Green Giraffe Technologies) is a Zambia-based AI-powered compliance infrastructure platform that captures, structures, and anchors ESG and agricultural supply chain data to the Cardano blockchain. Using AI voice capture to convert field recordings and WhatsApp messages into audit-ready records, Jiraffe enables smallholder farmers to meet EU Deforestation Regulation (EUDR) and global traceability standards, opening access to international markets. The company holds signed partnerships with CIFOR and WWF and is expanding to serve 10,000 farmers across Zambia's agricultural value chains.

Problem

Smallholder farmers in Zambia and across Sub-Saharan Africa are increasingly locked out of international markets because they cannot produce the ESG, traceability, and deforestation-compliance records demanded by the EU and global buyers. Traditional paperwork-based data capture is inaccessible to farmers with low literacy or connectivity.

Solution

Jiraffe AI converts everyday field conversations, WhatsApp messages, and voice recordings into structured, blockchain-anchored compliance records using AI voice capture and NLP, enabling farmers to meet EUDR and global traceability standards with no paperwork or complex systems. Offline-first tools work even in low-connectivity environments

The Product

- **AI voice capture:** converts field recordings and WhatsApp messages into audit-ready ESG data
- **Blockchain anchoring:** immutable supply chain records on Cardano for global traceability
- **Compliance dashboard:** farmer profiles, production data, and supply chain records for international buyers

- **Market Overview:** Signed partnerships with CIFOR and WWF; expanding to 10,000 farmers across Zambia
- **Competitive Advantage:** voice-first, offline-first data capture built for low-literacy, low-connectivity African farming contexts
- **Strategic Location:** Lusaka, Zambia — a major EU agricultural exporter (soybeans, tobacco, cotton) under direct EUDR pressure, with a natural expansion corridor into Zimbabwe, Malawi, and Tanzania.

Partnership Potential

- **AI Hub compute:** to train proprietary speech-to-text and NLP models for local Zambian languages
- **Move beyond third-party APIs:** build proprietary IP in voice capture for long-term competitive moat
- **WWF pilot deployment:** immediate goal: deploy models for 10,000-farmer WWF pilot



Mwiche Mukoma
Founder & CEO

Background: Bachelor of Arts with Education

Get in Touch



www.aihubfordevelopment.org