

KILOVOX

by Henko Tech

AFRICA-FIRST.
WORLD-CLASS.

*Purpose-configured intelligence for the industries that move Africa forward
— from mine face to hospital ward.*

Africa's Industrial Emissions Challenge

Unreliable Infrastructure

Load-shedding, intermittent connectivity and legacy systems make continuous monitoring near-impossible with Global North tools.

Fragmented Compliance

GHG Protocol, IFRS S2 and ISO all demand separate reporting — multiple vendors, duplicated effort, audit risk and wasted budget.

Untapped Carbon Value

Billions in carbon credits go unrealised yearly because African industry lacks tools to quantify, verify and monetise avoided emissions.

Industrial IoT & Carbon Intelligence, Built for Africa

KiLOVOX is a South African industrial IoT and carbon intelligence platform built by Henko Tech. Founded in 2024, we deliver real-time emissions tracking, predictive AI, automated carbon credit generation and full ESG compliance all in one platform.

Where enterprise platforms from the Global North fail, KiLOVOX works.

Scope in a week. Deploy fast. Generate financial returns within 12 months.

2024

Year Founded

12 mo

Target Payback

1 wk

Scope & Deploy

10+

Industries Served

Six Capabilities. One Integrated Platform.

01

Real-Time Emissions Tracking

IoT Integration · Multi-Source Fusion · Full Traceability

02

Carbon Verification & Reporting

GHG Protocol · IFRS S2 · ISO Standards

03

Carbon Credit Generation

Verified Emissions · Credit Eligibility · Market Access

04

Predictive AI & ITO Models

Time-Series AI · ITO Models · Continuous Learning

05

Edge + Cloud Processing

Edge AI · Offline Mode · Low-Bandwidth

06

Customisable Dashboards

Custom KPIs · RBAC · Auto-Reporting

Four Reasons We Win Where Others Don't

01

Built for Africa's Realities

Designed for load-shedding, intermittent connectivity, remote sites and mixed legacy infrastructure. Works where Global North platforms fail.

02

Financial Value from Sustainability

Turn emission reductions into tradable carbon credits and ESG-grade disclosures. Target 12-month payback. Scope in a week, deploy fast.

03

Three Standards. One Platform.

GHG Protocol, IFRS S2 and ISO compliance automated together — eliminating duplicated reporting, multiple vendors and audit risk.

04

Human-in-the-Loop AI

AI-driven ITO recommendations with human oversight at every critical decision. Makes your team faster, smarter, more effective.

Purpose-Configured for the Industries That Move Africa Forward

**Energy &
Renewables**

**Mining &
Heavy Industry**

Healthcare

Manufacturing

LPG & Gas

Agriculture

**Maritime &
Environment**

**Logistics &
Terminals**

**Smart
Infrastructure**

**Utilities &
Power**

Measurable. Verifiable. Scalable.

840 kgCO₂e

Avoided per site

-43M tons

CO₂e by 2028

9M cars

Off road (equiv.)

6.5M homes

Powered (equiv.)



Environmental Equivalents

720 million trees planted

11 coal plants avoided

9 million cars off the road

6.5 million homes powered

Over 90 Years of Collective Experience

Core Team

CH

Chenez Henderson

CEO & Founder

10 years in finance & operations. Deep expertise in energy markets and industrial efficiency.

EN

Evans Nkole

Data Science

MBA in Data Science. Architect of XLEEMS LIMS. Specialised in energy data analytics.

KC

Kennedy Chibwe

FinTech & Backend Systems

Expert in financial technology integration and backend systems. Economics & Statistician.

GF

Germaine Fransman

Director Sales — SADC

25+ years in sales with extensive experience across the SADC region.

Advisors

QD

Quentin Daffarn

IoT & Simulation

Specialist in IoT and simulation technologies. Mechanical Engineer Pr. Eng.

LM

Loveson Mdluli

ESG & Logistics

Expert in ESG reporting frameworks and IFRS S2 standards implementation.

Validated by Independent Programmes as SA's Most Promising Industrial Tech Company

GCIP-SA

SELECTED

Global Cleantech Innovation Programme — South Africa. A UNIDO & GEF-backed initiative identifying Africa's most promising cleantech companies. Recognised for our industrial IoT and carbon intelligence platform.

VERTO AWARDS

2ND PLACE · S. AFRICA

Placed 2nd nationally at the Verto Awards — a competition recognising the most innovative and high-impact technology companies in South Africa.

STARTUP CLUB SA

TOP 3 · S. AFRICA

Selected as a Top 3 startup in South Africa — recognising KiLOVOX among the country's most impactful emerging technology ventures.

UNIDO A2D Facility — Selected Participant

UK Government-funded initiative accelerating innovative climate solutions in developing countries · Industrial Decarbonisation & Smart Energy · Bogotá, April 2026

Contributing to Five UN Sustainable Development Goals

**SDG
7****Affordable & Clean Energy**

Real-time monitoring and optimisation of energy assets — solar, wind, grid and battery storage across African sites.

**SDG
8****Decent Work & Economic Growth**

Enabling African industry to compete globally through carbon credit monetisation and operational efficiency gains.

**SDG
9****Industry, Innovation & Infrastructure**

IoT and AI infrastructure purpose-built to address Africa's unique industrial connectivity and legacy challenges.

**SDG
12****Responsible Consumption & Production**

GHG Protocol, IFRS S2 and ISO compliance automated in a single platform — eliminating audit risk and duplicated effort.

**SDG
13****Climate Action**

Transforming avoided emissions into verified, tradable carbon credits — making sustainability financially rewarding.



by Henko Tech

AFRICA-FIRST. WORLD-CLASS.

We are actively seeking:

Strategic Partners

Pilot Deployments

Enterprise Clients

Investment Partners

LET'S CONNECT

Chenez Henderson

CEO & Founder, KiLOVOX

South Africa

kilo-vox.com

Founded 2024 · by Henko Tech

GCIP-SA · Verto 2nd · Startup Club Top 3 · UNIDO