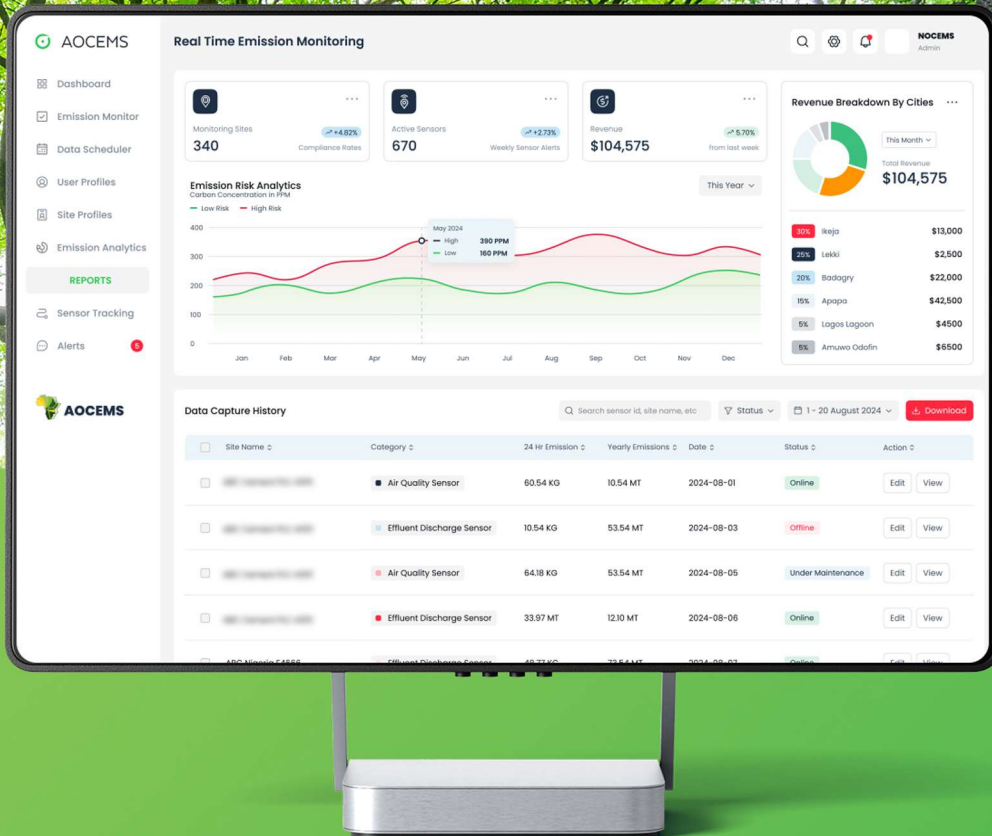




United Platform Solutions Global

Pioneering Digital Innovations for Green Economy and Emissions Monitoring

www.unitedplatformsolutions.com



An aerial photograph of a lush green forest. A dark road or path winds through the trees, and a body of water is visible in the lower-left corner. The image is used as a background for a presentation slide.

Ensuring Eco-friendly Communities Through Smart Real Time Monitoring

your voice matters

WELCOME TO UNITED PLATFORM SOLUTIONS GLOBAL

Welcome to United Platform Solutions Global (UPS) — where climate innovation meets digital transformation. We are a leading climate tech and silicon valley company dedicated to developing smart, scalable solutions that help nations track, manage, and reduce environmental emissions in real time. Through our flagship Africa Online Continuous Emission Monitoring System (AOCEMS) and strategic Public-Private Partnerships, we deliver advanced, tamper-proof, and AI-powered monitoring systems for governments.

From industrial emission control to urban air quality management, water quality, marine protection and carbon trading, we are redefining how Africa safeguards its environment—today and for generations to come.

Mission Statement

To empower nations with smart, scalable climate technologies that drive decarbonization, enhance environmental compliance, and support sustainable development.

Company
Profile 2025

www.unitedplatformsolutions.com

“ A healthy environment is the foundation of a thriving future—at UPS, we harness innovation to protect it for generations to come ”



Vision Statement

Our vision is to be Africa's leading climate tech innovator—advancing real-time environmental monitoring, automation, and digital sustainability solutions that protect natural resources, safeguard public health, and enable climate-resilient economies. We aim to create a continent where industries, cities, and communities operate in harmony with the environment—driven by accurate data, advanced technology, and shared responsibility.

Through pioneering platforms like Africa Online Continuous Emission Monitoring System (AOCEMS) and collaborative partnerships with governments, regulators, and private stakeholders, we are shaping a cleaner, healthier, and more sustainable future for Africa and beyond.

The Values That Drive Our Vision and Growth



Core Values

01.

Innovation for Impact

We believe technology should do more than solve problems—it should inspire change. Our commitment to continuous innovation ensures we deliver transformative solutions that address Africa's unique environmental challenges, with lasting social and economic benefits.

02.

Integrity & Transparency

Trust is the cornerstone of our work. We maintain the highest ethical standards in data accuracy, reporting, and stakeholder engagement, ensuring that our solutions are reliable, tamper-proof, and accountable to the communities and institutions

03.

Sustainability at the Core

Every decision we make is guided by a long-term vision for environmental stewardship.

Meet Our Board



Dr. Sanjeev Khagram
Board Chairman



Samba Bathily
Board Member



Christa Gyor
Board Member



Rohit Khattar
Board Member



Dr. Jendayi Frazer
Board Member



Robert Casamento
Board Member



Abibou Gaye
Board Member



UPS Global Leadership Team



Dr. Sanjeev Khagram
President



Robert Casamento
Chief Growth Officer



Rohit Khattar
CEO, Co-founder



Mamadou Drame
Chief Revenue Officer



Dr. Sanjoy Chatterjee
Chief Technology Officer /
AI Officer



Abibou Gaye
Chief Strategist



Kirit Sobti
Chief Business & Partnerships
Officer (CBPO)



UPS Africa Management Team



Rohit Khattar
CEO, Co-Founder



Mamadou Drame
Head Of Business Development
North America-EMEA



Bhupinder Singh
Head, Information
Technology



Atishay Sobti
Head, Strategy &
Planning



Yogesh Chowdury
Head, Research &
Development



George Kofi Wle
Head, Finance



Samuel Buabeng
Head, Information
Security

Summary of the services offered.

Overview

Through our flagship Africa Online Continuous Emission Monitoring System (AOCEMS) and complementary monitoring solutions, we deliver real-time, accurate, and actionable data that supports compliance, protects natural resources, and drives sustainable development.

01.

Industrial & Urban Air Quality & Noise Monitoring

We deploy cutting-edge, AI-powered monitoring systems to track air quality and noise in both industrial facilities and urban centers. Our technology captures real-time data across sectors such as mining, manufacturing, and energy production.

02.

Marine & Water Quality Monitoring

Our marine and freshwater monitoring solutions ensure the protection of aquatic ecosystems by providing accurate, real-time data on water quality.

03.

Research, Validation & Policy Support

We collaborate with academic institutions, regulators, and industry stakeholders to validate environmental policies and test sensor performance under diverse conditions.

SUSTAINABLE
DEVELOPMENT
GOALS

WE HAVE
A SOLUTION
THAT IS ALIGNED TO

GLOBAL SDG AND LOCAL ENVIRONMENTAL GOALS

12

RESPONSIBLE
CONSUMPTION AND
PRODUCTION



03

GOOD HEALTH
& WELL-BEING



11

SUSTAINABLE CITIES
AND COMMUNITIES



13

CLIMATE ACTION



06

CLEAN WATER
AND SANITATION



02

ZERO HUNGER



08

DECENT WORK
AND ECONOMIC
GROWTH



15

LIFE ON LAND



14

LIFE BELOW
WATER



09

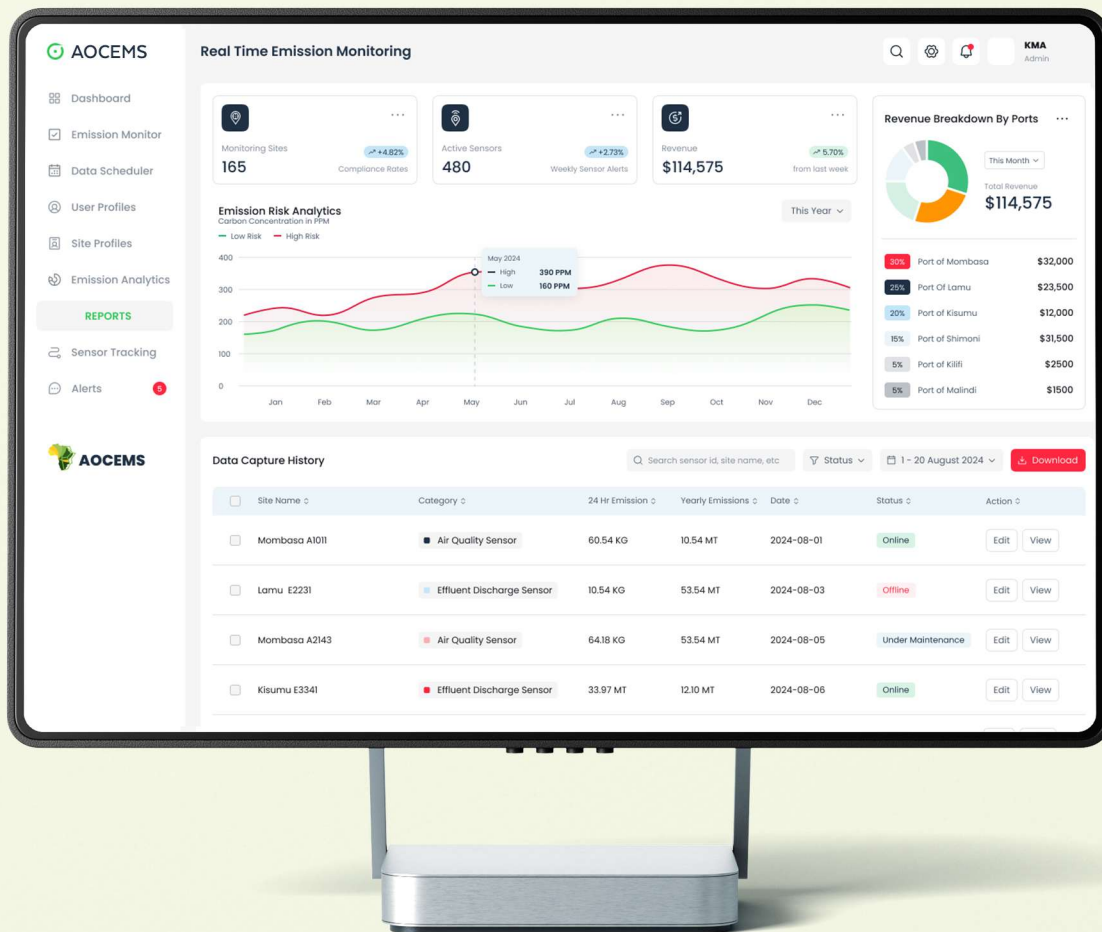
INDUSTRY, INNOVATION
AND INFRASTRUCTURE



17

PARTNERSHIPS
FOR THE GOALS





AOCEMS

AFRICA ONLINE CONTINUOUS EMISSION MONITORING SYSTEM

AOCEMS is a scalable solution dedicated to addressing the pressing issue of climate change through continuous real-time industrial emission monitoring across various African countries.

Our solution integrates advanced technologies (IOT & AI) to monitor and manage emissions from regulated industries covering inland and offshore facilities.

AOCEMS aligns with international climate change regulations and various national environmental policies to mitigate environmental impacts and promote sustainable industrial practices.

Our goal is to ensure African countries check compliance based on accurate emissions data from the various industries thereby staging a proactive step at climate protection while establishing an appropriate data threshold for carbon registry and trading activities.

HOW AOCEMS WORKS

01 Sensor Installation Module

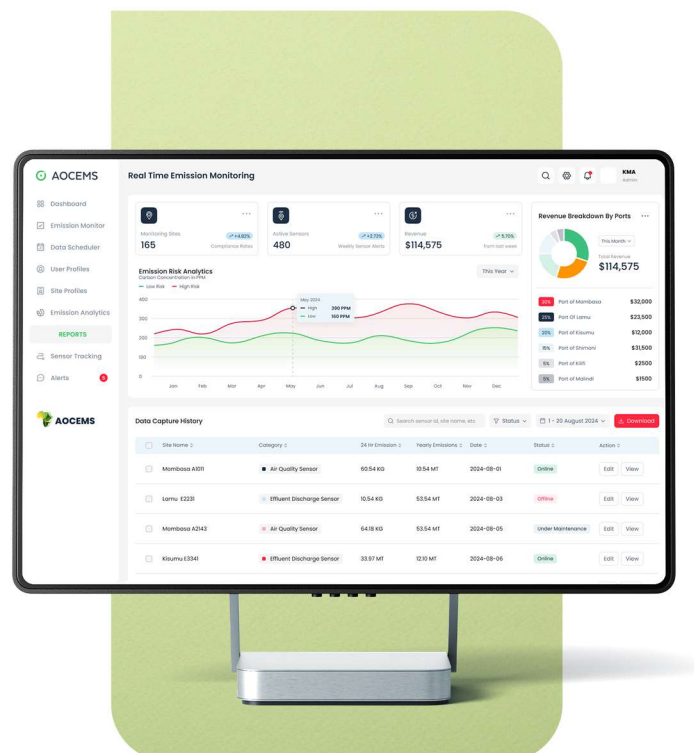
- Install approved and certified emission sensors at regulated industry sites. (These sensors will be made available by UPS)
- Monitor and maintain the sensors while ensuring that data is continuously transmitted to the National EPA Data Acquisition System at established control centres.

02 Data Aggregation Module

- Data from sensors is collected and processed using Artificial Intelligence(AI), IOT Technology and Environmental Data Analytics(EDA) in real-time with end-to-end encryption.

03 Application Module

- Processed data from the Data Aggregation Module is routed through AOCEMS and made accessible by the national regulators (Control centre dashboards) as well individual firms (where sensors are installed)
- Analytical forms, reports, and graphs are generated at this end in compliance with local policies and international emission regulations and protocol



FROM VISION TO IMPACT

A Message From
Our Co-Founder



A stylized, handwritten signature in black ink, reading "Rohit Khattar".

Rohit Khattar

Co-founder & CEO

"Every data point is a breath of the future—we capture it, so Africa can breathe cleaner tomorrow"

At United Platform Solutions (UPS), our purpose is clear: to pioneer Africa's environmental transformation through innovation, precision, and partnership. At the heart of this mission is the Africa Online Continuous Emission Monitoring System (AOC-EMS)—our flagship, AI-powered platform enabling real-time, tamper-proof tracking of industrial emissions across diverse sectors.

With the successful launch of AOCEMS in Ghana as the Ghana Online Continuous Emission Monitoring System (GOCEMS), we are already monitoring emissions in key industries such as mining, manufacturing, and energy production. This achievement is more than a technological milestone—it is proof that Africa can deploy world-class climate technology at scale, strengthening compliance, safeguarding public health, and supporting our continent's decarbonization goals.

We do this not as mere service providers, but as committed partners to governments, regulators, and industries—working together to ensure that environmental stewardship and economic growth go hand in hand. The journey ahead will demand resilience and collaboration, but the opportunities are immense. With every sensor we install, every dataset we analyze, and every partnership we forge, we bring Africa closer to a cleaner, healthier, and more sustainable future.

The UPS Legacy

Showcasing our journey of innovation and impact — from the national launch of GOCEMS to on-site AOCEMS sensor installations and strategic engagements with regulators, driving cleaner air and sustainable industry in Ghana





GALLERY OF OPERATIONS





Ensuring Ecofriendly
Communities With IOT Based
and AI-Driven Solutions For
Efficient Emissions Monitoring

ROBUST & SCALABLE EMISSIONS MONITORING SOLUTION



Ambient Air Quality
Monitoring Sensors



In-land Water Quality
Monitoring Sensors



GET IN TOUCH

We're here to assist you! Whether you have questions, need support, or want to share your feedback, feel free to reach out.

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Silicon Valley, United States Of America

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