

Y. ANIL KUMAR REDDY

MINING ENTREPRENEUR & GLOBAL RESOURCE STRATEGIST



Over 15 years of multidisciplinary expertise spanning mineral exploration, processing, and industrial development across Africa, India, and the Middle East.

EXECUTIVE SUMMARY

CORE ROLE

Director and Ultimate Beneficial Owner (UBO) of AK Corporation FZCO in Dubai, bringing together legal acumen and technical expertise to transform resource development across emerging markets.

STRATEGIC EXPERTISE

Combines a B.A., LL.B. foundation with deep technical and commercial knowledge to lead complex mining ventures from initial exploration through full-scale production and export operations.

CURRENT FOCUS

Spearheading large-scale resource development, international trading operations, and comprehensive Engineering, Procurement, and Construction (EPC) projects across Tanzania, Zimbabwe, Zambia, and Mauritania.



15+ YEARS

Global mining experience

4 COUNTRIES

Active project portfolio

MULTI-CONTINENTAL

Operations across 3 regions

AK CORPORATION FZCO

THE STRATEGIC PLATFORM

Established in Dubai under the International Free Zone Authority (IFZA) in 2023, AK Corporation FZCO serves as a strategic bridge connecting African resource projects with Asian industrial buyers. The company operates from premium locations in Dubai Silicon Oasis and Sheikh Zayed Road, with additional presence in Gandhinagar, Hyderabad, India.

INTERNATIONAL TRADING Export of high-grade mica and graphite from Tanzania, Zambia, and Zimbabwe to key industrial markets in India and China, facilitating critical mineral supply chains.	EPC SERVICES Comprehensive design and commissioning of Carbon-in-Leach (CIL), flotation, and beneficiation plants throughout Africa, delivering turnkey processing solutions.	MACHINERY EXPORTS Strategic sourcing and supply of advanced mining equipment from India to African clients, supporting operational excellence and efficiency.
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STRATEGIC MANDATE

Connecting resource-rich African nations with the manufacturing powerhouses of Asia, creating value chains that benefit all stakeholders while promoting sustainable industrial development.

OFFICE LOCATIONS

- Dubai Silicon Oasis, UAE
- Sheikh Zayed Road, Dubai
- Gandhinagar, Hyderabad, India

TECHNICAL ACHIEVEMENTS & INNOVATION

PROVEN TRACK RECORD OF EXCELLENCE

Mr. Reddy's career is distinguished by groundbreaking technical accomplishments that have set new benchmarks in African mining operations. His ability to combine geological expertise with engineering innovation has resulted in significant resource discoveries and operational milestones.

900

SQUARE KILOMETRES

Iron ore survey in Mauritania

150M

TONNES

Magnetite delineated (25% Fe content)

8K

SQUARE KILOMETRES

Gold geochemical and magnetic mapping

PROCESSING INFRASTRUCTURE

Constructed a 25 tonnes per hour quartz processing plant in just four months, demonstrating exceptional project execution capabilities. Additionally, developed two state-of-the-art Carbon-in-Leach (CIL) plants with combined capacity of approximately 350 tonnes per day each.

EXPLORATION EXCELLENCE

Led comprehensive mineral surveys across Mauritania, including extensive iron ore exploration that identified substantial magnetite deposits. Conducted large-scale gold geochemical and magnetic mapping programs covering thousands of square kilometres.

PIONEERING INNOVATIONS

As a true innovator in the mining sector, Mr. Reddy has introduced multiple industry-first solutions that address complex technical and environmental challenges. His work in Mauritania has established new standards for artisanal mining integration and sustainable processing techniques.

01

FIRST ARTISANAL TAILINGS CIL PLANT

Established Mauritania's inaugural artisanal tailings Carbon-in-Leach processing facility, creating a model for integrating small-scale mining operations with industrial processing standards.

02

NON-CYANIDE LEACHING INNOVATION

Pioneered the introduction of environmentally responsible non-cyanide leaching chemicals specifically designed for mercury-affected tailings, addressing critical environmental and health concerns.

03

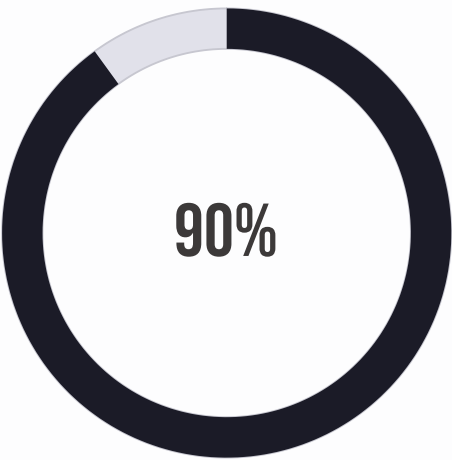
HIGH-SALINITY WATER PROCESSING

Developed and implemented CIL operations using high-salinity water (76,000 ppm), overcoming significant technical barriers in water-scarce environments.

04

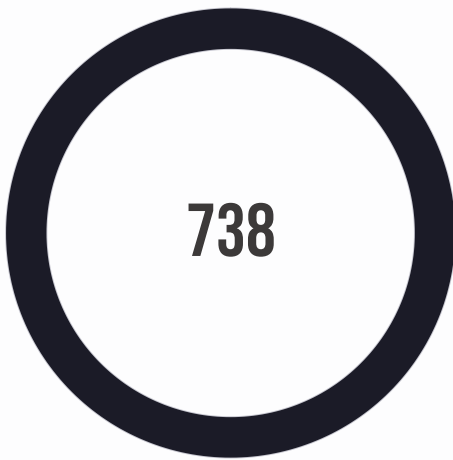
EXCEPTIONAL RECOVERY RATES

Achieved over 90% gold recovery rates while producing approximately 738 kilograms of gold across two processing facilities, demonstrating operational excellence and technical mastery.



RECOVERY RATE

Gold extraction efficiency achieved

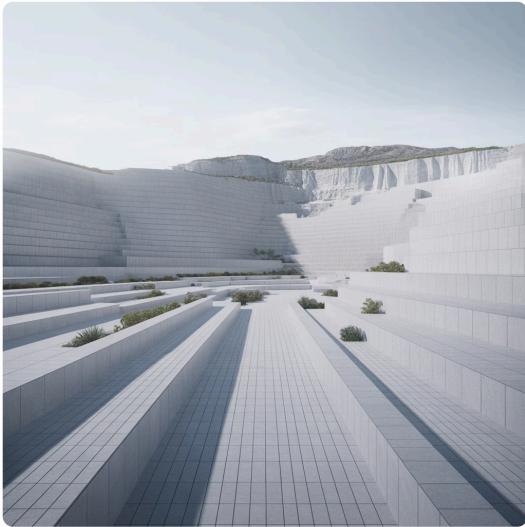


KILOGRAMS

Total gold production

SUSTAINABLE & ESG ALIGNMENT

BUILDING THE FUTURE OF RESPONSIBLE MINING



Mr. Reddy's commitment to environmental stewardship and social responsibility has positioned him as a leader in sustainable mining practices. His protocols for artisanal and small-scale mining rehabilitation have been formally adopted by Mauritanian authorities, demonstrating the practical impact of his ESG initiatives.



TAILINGS REHABILITATION

Implemented comprehensive protocols for the rehabilitation of artisanal and small-scale mining (ASM) tailings, including mercury cleanup procedures that have become regulatory standards in Mauritania.



ESG-ALIGNED INDUSTRIALIZATION

Promoting sustainable and environmentally responsible industrialization strategies across African resource projects, ensuring long-term value creation for communities and stakeholders.



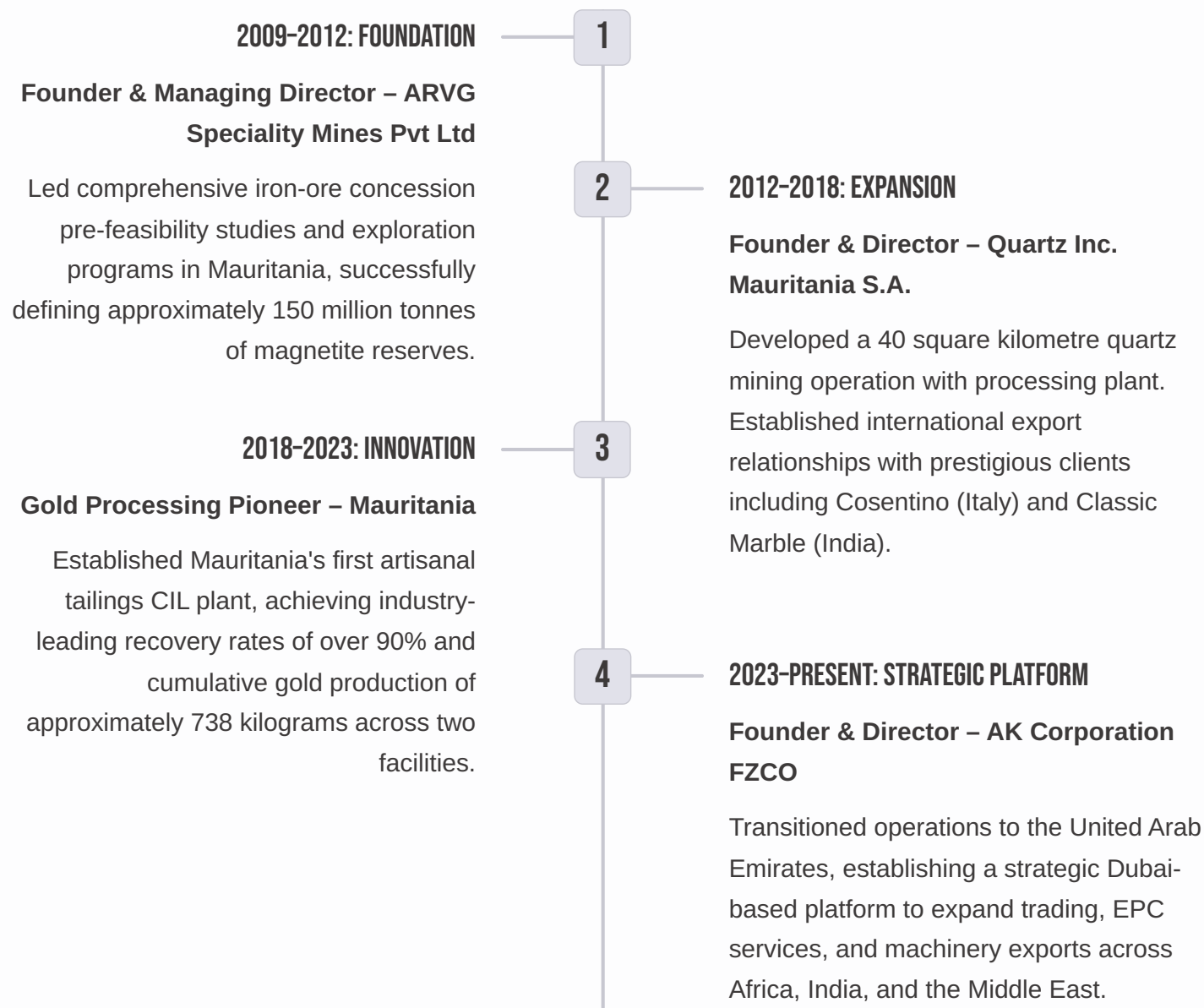
VALUE CHAIN INTEGRATION

Developing innovative value chains that connect artisanal and small-scale mining with industrial processing, integrating micro-finance solutions and green metallurgy technologies for inclusive growth.

"The future of mining lies in creating sustainable ecosystems that benefit local communities while meeting global demand for critical minerals through responsible practices."

GLOBAL JOURNEY & MILESTONES

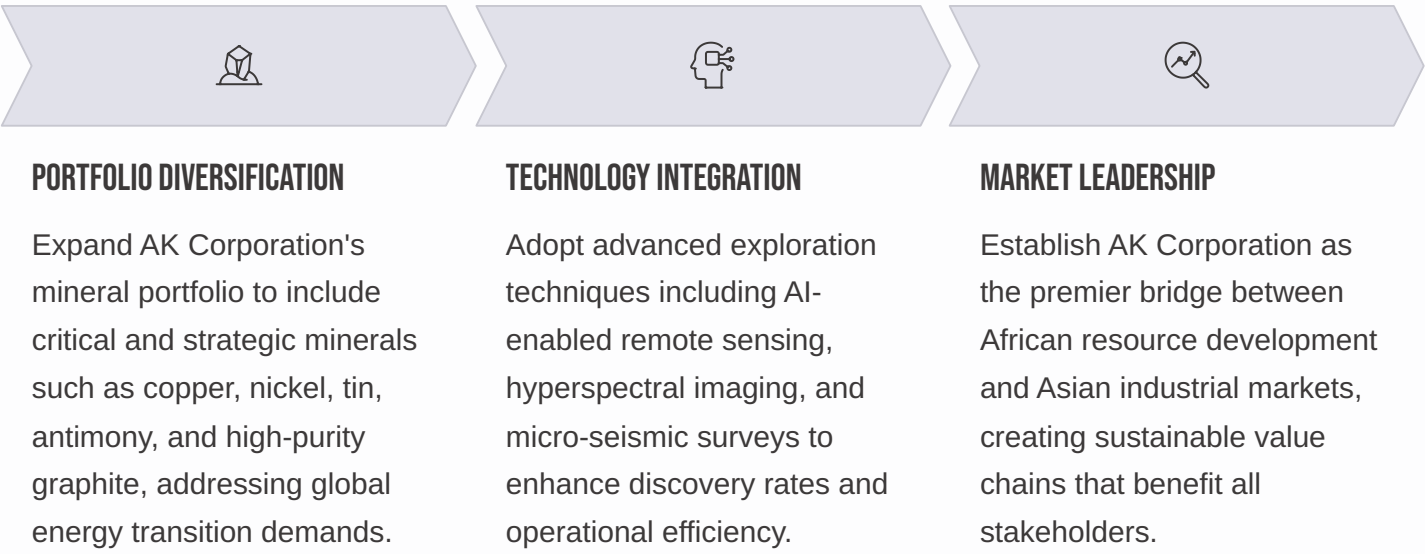
A LEGACY OF ACHIEVEMENT



STRATEGIC OUTLOOK

VISION FOR TOMORROW

Mr. Reddy's forward-looking strategy positions AK Corporation FZCO at the intersection of traditional mining expertise and cutting-edge technology. His vision encompasses aggressive portfolio expansion into critical minerals while embracing the latest exploration and processing innovations.



CRITICAL MINERALS FOCUS

- Copper for electrical applications
- Nickel for battery technology
- Tin for advanced electronics
- Antimony for strategic applications
- High-purity graphite for energy storage

INNOVATION PRIORITIES

- AI-enabled remote sensing systems
- Hyperspectral imaging technology
- Micro-seismic survey techniques
- Green metallurgy solutions
- Integrated processing systems

CONTACT INFORMATION

 NAME Yerrapareddy Anil Kumar Reddy	 NATIONALITY Indian	 EDUCATION B.A., LL.B.
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RESIDENCES

- Dubai, United Arab Emirates
- Hyderabad, India

AK CORPORATION FZCO

Dubai Silicon Oasis
Sheikh Zayed Road, Dubai
United Arab Emirates

Gandhinagar, Hyderabad, India

Connecting African Resources with Global Markets

For strategic partnerships, investment opportunities, or project inquiries, AK Corporation FZCO offers comprehensive solutions in mineral trading, EPC services, and sustainable resource development.