

# GREENOPS

Consulting

*Delivering Sustainable Innovation  
to Transform Your Business*



**30+**  
YEARS EXPERIENCE

**15+**  
PROJECTS IN 4 CONTINENTS

\* Greenops Consulting has been founded in 2023. Any credentials or achievements laid out in this presentation are representative of the founder's, Akhilesh Gupta, professional experience and career.

# THREE DECADES OF GLOBAL LEADERSHIP IN CEMENT AND BUILDING MATERIALS

## Key successes

- Participated in the 1<sup>st</sup> Oxy-fuel kiln and Carbon Capture Unit for Cement & Lime kilns.
- Spearheaded the implementation of an End-to-End Digital solution (SMART Plant) for Manufacturing operations.
- Successfully commissioned 5000 - 10000 TPD Kiln Project within budget, time, and quality standards.
- Executed 15+ Greenfield/Brownfield projects in EMEA & Africa region, with a total investment exceeding € 1.5b.
- Led the FEED study for largest Carbon Capture project (400 Kt CO<sub>2</sub>/year) in the world.
- Minimized overall maintenance cost by ~10%.
- Reduced Energy cost by 2~3%

*Welcome to **GreenOps Consulting**, where international expertise meets innovation. Led by a Harvard educated senior operational leader with over 30 years of hands-on experience in the cement and building materials industry, **GreenOps Consulting** embodies a legacy of success across four continents.*

*Our team at GreenOps Consulting is distinguished by a cadre of experts with a proven track record in leading multimillion-euro greenfield ventures, orchestrating pivotal mergers and acquisitions, and unlocking synergies in excess of 250 million euros. At the forefront of decarbonization innovation, our consultants are trailblazers in Carbon Capture & Sequestration efforts, having taken the helm in the largest Carbon Capture initiative globally.*

**Akhilesh Gupta**  
Founder & Managing Director



# EMPOWERING YOUR BUSINESS WITH LEADERSHIP, EXPERTISE AND INNOVATION

## Decarbonization Projects

From Concept to Commissioning (CCUS – Carbon Capture Utilization & Storage)

Business Case, Technical Solutions, FEED Study, Budgeting, Execution Plan, Subsidy Applications, Utilization/Storage Solutions.

## Greenfield/Brownfield Project Management

From Concept/Feasibility Study to Commission of projects in EMEA & Africa region.

Concept design, Tendering, Basic Engineering, Detailed Engineering, QA/QC Plan, Execution plan, Site Management/Supervision, Commissioning, Performance test/certification.

## Operational Excellence

From Auditing to on-site Assistance on Productivity/Cost Improvement Projects.

Maintenance Cost, Energy Cost, Procurement cost, Manpower Cost Optimization.

## Digitalization

Spearheading concepts/projects for "End-to-End" Digital Manufacturing Operations.

Finding Pain Points, Selecting Right Solution partners, Executing Implementation.



## 03.

# LEADING THE CHANGE IN REDUCING CARBON EMISSIONS. TAILORED decarbonization SOLUTIONS FOR A SUSTAINABLE FUTURE

*GreenOps Consulting leads in decarbonization for the cement/lime industry, turning environmental responsibility into value-driven strategy. We offer innovative Carbon Capture Utilization & Storage (CCUS) solutions, seamless project execution, and assistance in maximizing subsidies.*

*Our approach also explores revenue opportunities by converting captured carbon into building materials or other industrial applications. With GreenOps, sustainability becomes an opportunity for growth and efficiency.*



## Carbon Capture Utilization & Storage

- Value-driven strategic plan preparation from business case to technical implementation.
- Identifying right technological solution: Oxy-Fuel, H<sub>2</sub>, Calcium looping Or Direct CCUS solution
- Developing Budget, Execution plan for implementation
- Assisting on Grants/Subsidies' applications

## Execution Plan

- Developing comprehensive project execution plan
- Seamless transition from concept to commissioning.
- Timely, cost-effective decarbonization.

## Value creation & Business cases

- Exploration of innovative utilization solutions that can turn carbon capture into a revenue stream.

**04.**

## **PROVEN TRACK-RECORD ON PROJECT MANAGEMENT: ENSURING SUCCESS FROM CONCEPT TO COMMISSIONING.**

### **Greenfield & Brownfield Expansion**

- Seamless execution for new and existing projects
- In-depth industry knowledge tailored to your needs

### **In-Budget & On-Time Delivery**

- Proven track record of meeting project timelines
- Cost-effective solutions without compromising quality

### **CAPEX Optimization Guaranteed**

- Innovative approaches to complex challenges
- Fusion of East & West: Low Cost & Hi-Tech
- Focus on quality, efficiency and sustainability

### **A Trusted Partner For The Long-Term**

- Collaborative strategy for success
- Committed to achieving your project goals
- 24x7 availability/commitment





**05.**

# **OPERATIONAL EXCELLENCE: MAXIMIZING EFFICIENCY, MINIMIZING COSTS**

## **Productivity Improvement**

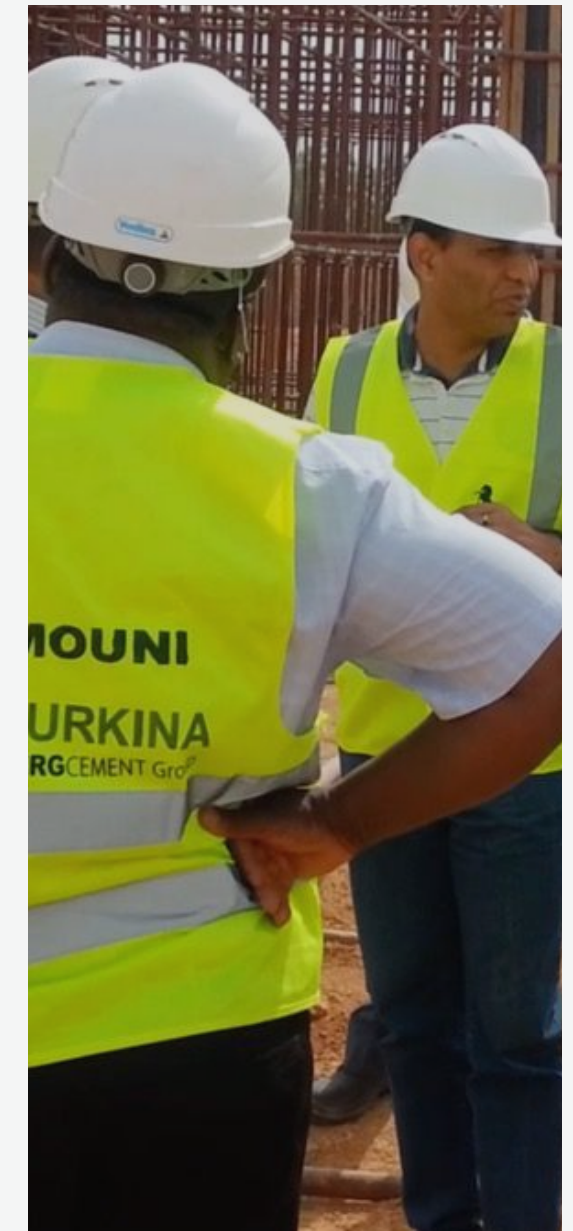
- Analysis and optimization of maintenance, energy, and manpower costs
- Driving efficiency without compromising quality.

## **Cost Reduction**

- Tailored strategies targeted to specific areas of your operation
- Delivering measurable cost savings that directly impact your bottom line.

## **Customized Solutions**

- Solutions designed to align with your specific needs and goals.
- From concept to execution, we're committed to delivering excellence in every aspect of your operation.



**06.**

## **LEADING DIGITALIZATION: CRAFTING SMART PLANTS FOR TOMORROW**



### **SMART Plant projects**

Utilizing the latest technologies, we facilitate concept design, finding right solution providers and implement SMART Plant systems that offer real-time monitoring, control, and automation, enhancing efficiency and adaptability.

### **Tailored Strategies For Your Operations**

Every plant is unique and with our ideas/experiences, we customize solutions to fit your specific needs and goals, ensuring seamless integration and maximum impact.

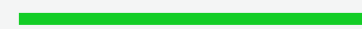


**07.**

**THANK YOU FOR YOUR ATTENTION. WE WOULD LOVE  
TO CLARIFY ANY ENQUIRY YOU HAVE REGARDING  
OUR SERVICES**



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