

HARI KRISHNA THAMARAPALLI

Environmental Systems & Waste Operations Leader

Saudi Arabia | India | Qatar

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Professional Profile

Environmental Systems & Waste Operations Leader with 18+ years of experience across mega-infrastructure, energy, and municipal programs in Saudi Arabia, Qatar, and India. Delivered environmental leadership across NEOM and Saudi Aramco mega-projects.

Specialized in building scalable municipal solid waste systems, implementing smart waste platforms, driving ISO 14001/45001/9001 governance, and integrating circular economy models into operational environments.

Recognized for aligning compliance, digital transformation, and sustainability into measurable operational outcomes.

Core Expertise

- Environmental Governance & ISO Management Systems
- EIA, ENVID & Environmental Risk Assessments
- Municipal & Industrial Waste Operations Leadership
- Smart Waste Platforms (IoT Tracking, Route Optimization, CAFM)
- Circular Economy & Waste Monetization Strategies
- GHG, Energy & Sustainability KPI Reporting
- Regulatory Compliance & Government Liaison

Professional Experience

NEOM – Saudi Arabia | Operations Lead – Waste Management & Outdoor Cleaning (2021–Present)

- Lead strategic and operational delivery of municipal waste and city cleaning programs.
- Implemented digital SWM platforms enabling real-time visibility and performance tracking.
- Designed route optimization models reducing fleet inefficiencies and operational emissions.
- Integrated circular economy principles into municipal service delivery frameworks.

- Aligned operations with national sustainability and governance objectives.

TÜV Nord – Regional Manager -EHS Operations (2020–2021)

- Conducted EHS audits, regulatory compliance reviews, and risk assessments.
- Developed corrective action frameworks and compliance improvement strategies.
- Delivered environmental training and awareness programs.

Saudi Aramco Projects – Project Environmental Coordinator (2015–2020)

- Implemented ISO 14001 systems across gas plant and pipeline mega-projects.
- Managed environmental legal registers, impact assessments, and compliance audits.
- Led spill response systems, environmental drills, and sustainability KPI reporting.
- Provided corporate inputs on waste, energy, GHG, and resource utilization.

Larsen & Toubro – Environment Coordinator / HSE Manager(2009–2015)

- Managed EMS implementation across petrochemical and infrastructure projects.
- Conducted environmental audits and regulatory reporting.
- Oversaw hazardous waste control, monitoring programs, and incident investigations.

Education & Certifications

- MSc Environmental Science
- NEBOSH National Diploma in Environmental Management (UK)
- NEBOSH International General Certificate (UK)
- IEMA Environmental Practitioner
- ISO 14001 Lead Auditor
- HACCP Level 3

Strategic Value Proposition

Strategic Value: I bridge operational waste management with digital systems, regulatory governance, and sustainability strategy—enabling organizations to transition from traditional waste handling to data-driven environmental systems.