



We're Hiring

SENIOR WASTE / ENVIRONMENTAL ENGINEER

We are looking for an experienced Senior Waste/ Environmental Engineer to lead our waste management and environmental sustainability efforts. This role is pivotal to our resource efficiency program, where you will combine your technical expertise with leadership skills to develop and implement innovative waste management strategies. You will drive initiatives focused on waste reduction, recycling, resource recovery, and regulatory compliance, making a significant impact on our environmental footprint and on South Africa's resource efficiency and security of resource supply.

KEY RESPONSIBILITIES:

- **Leadership & Project Management:** Lead a multidisciplinary engineering team to deliver comprehensive site assessments, focusing on optimizing waste management systems across various facilities.
- **Waste Systems Expertise:** Oversee the waste management workstream, leveraging your in-depth knowledge of waste generation, recycling, and resource recovery to enhance operational efficiency.
- **Resource Optimization:** Identify and implement strategies to minimize waste generation, optimize recycling efforts, and maximize resource recovery.
- **Master Planning:** Develop integrated waste, water, and energy management plans tailored to specific sites, ensuring sustainable and cost-effective operations.
- **Stakeholder Engagement:** Work closely with facility managers, operators, regulators, and community members to build support for waste management initiatives and ensure alignment with project goals.
- **Quality Assurance:** Ensure all project outputs meet the highest quality standards in line with ISO requirements and company protocols.
- **Health & Safety Leadership:** Lead best practices in health and safety management throughout all project phases.

WATER SYSTEMS ANALYSIS:



Comprehensive Audits Conduct thorough audits to assess waste generation rates, categorize waste streams, and identify opportunities for reduction and diversion.



Regulatory Compliance: Ensure all waste management activities comply with local and national regulations, and align with industry best practices.



Waste Composition Analysis: Characterize waste streams to determine recyclable materials and potential recovery opportunities.



Environmental Impact Assessment: Evaluate the environmental impacts of waste management activities and develop strategies to mitigate adverse effects.



Waste Minimization: Identify and evaluate opportunities for waste reduction through source control, process optimization, and product redesign.



Cost-Benefit Analysis: Conduct financial assessments to determine the economic viability of waste optimization initiatives.



Recycling & Recovery Evaluation: Assess the feasibility and effectiveness of existing recycling and resource recovery programs and propose enhancements.

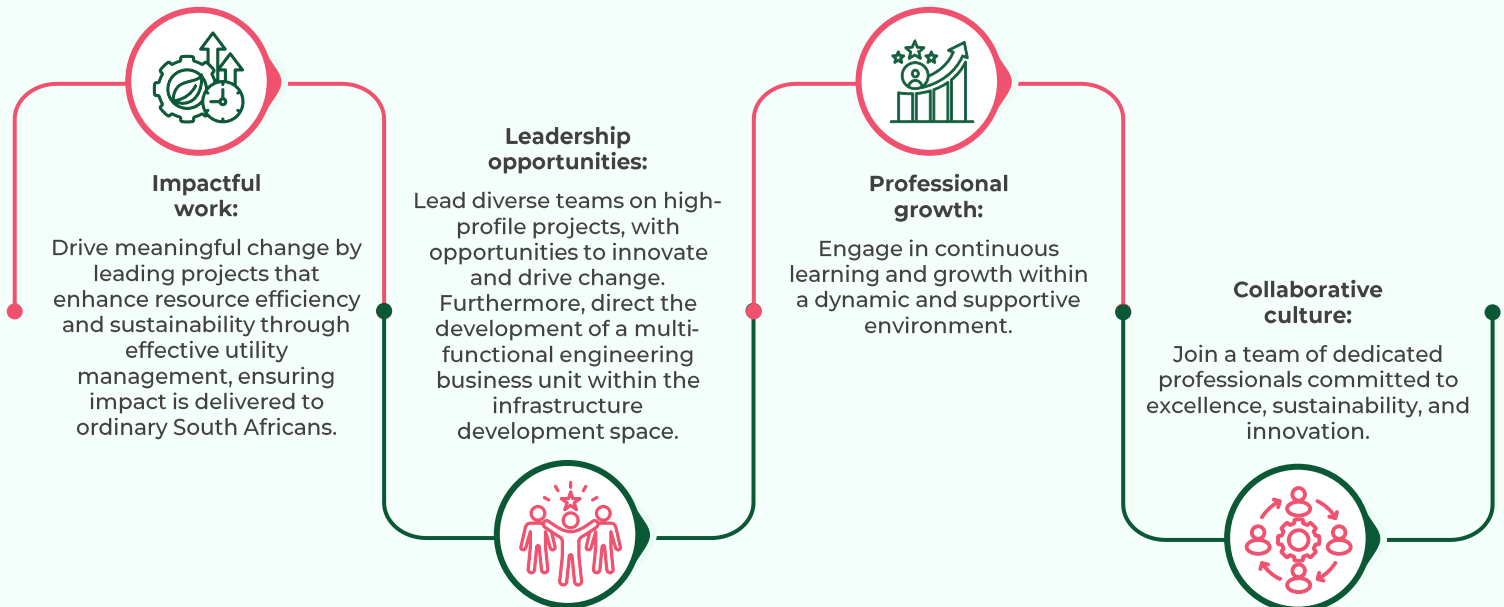


Implementation & Reporting: Develop detailed waste management plans, outlining strategies for waste reduction, recycling, and resource recovery, and communicate findings effectively to stakeholders.

WHAT WE'RE LOOKING FOR:

- **Educational Background:** BSc/BEng degree in Environmental Science, Engineering, or a related field, with a preference for an advanced degree. Project Management certification is advantageous.
- **Experience:** 10+ years of experience in waste systems engineering, particularly within the built environment, property, and facilities management sectors.
- **Professional Registration:** Registered with a recognized engineering body (ECSA), IWMSA, or EAPASA; additional certification (e.g., ISWA-IWM) is highly desirable.
- **Technical Expertise:** Strong understanding of waste management, recycling processes, and resource recovery technologies, with design management experience being a plus.
- **Certifications:** Relevant professional certifications such as CWEP, CMVP, QWLA, or similar are advantageous.
- **Project Management Skills:** Proven ability to manage complex, multi-disciplinary projects from concept to completion, with the capacity to handle multiple priorities simultaneously.
- **Legislation Knowledge:** Strong understanding of relevant waste management legislation, regulations, codes of practice, and industry guidelines.
- **Software Proficiency:** Proficiency in waste modelling software and project management tools like MS Project.

WHY JOIN US?



PERSONAL ATTRIBUTES:

We are seeking a proactive individual with strong communication, problem-solving, and project management skills. You should be able to lead cross-functional teams effectively, write detailed reports, and maintain a results-driven approach even under pressure.

The successful candidate for this position will enjoy working with a market leading team in the infrastructure financing and advisory industry, and work on the redevelopment of South Africa's core infrastructure.

Application Details:

Applications must be sent to: careers@mahlako.co.za

Only shortlisted candidates will be contacted.