

PRESS RELEASE

(FOR IMMEDIATE RELEASE)

Waste Management: Driven by Technology

“AI Robotics in Waste Management Can Speed up Sorting Rates by 200%”

New York, Friday September 15, 2023.

A cumulative 70% jump in waste generation by 2050, entailed by a projected population growth of 2 billion, will serve as a catalyst for efficient and sustainable waste management services according to a soon to be published research report by M Capital Group (“MCG”).

The report titled, “Waste Management - Waste to Wealth” reveals that the global waste management market is expected to surpass US\$1 trillion by 2030, with a projected annual growth rate of 5% from 2023 to 2030, above the projected long-term growth rate of the Gross Domestic Product (“GDP”) of 2% for the same period.

Waste management worldwide faces critical challenges, with a staggering 31% of waste being openly dumped, rising to a staggering 93% in low-income countries. The pandemic-induced supply chain instability has prompted countries to reshape their economic policies and resource usage, posing hurdles to global waste management. While specifically Europe and the US are implementing advanced waste management technologies that boast efficiency in collection, transportation, and waste disposal processes, trying to radically address persistent high waste generation.

Amid these challenges lies a spectrum of exciting opportunities. Embracing technological innovation, leveraging regulatory change, and fostering positive social attitudes can pave the way for transformative waste management solutions. Investors focus not only on countries in Asia like China and India but also untapped markets with high waste management potential, such as Africa. The escalating demand for medical and biomedical waste management also in emerging markets with burgeoning populations present a favorable environment for investment. Furthermore, the “circular economy concept” unlocks opportunities.

MCG envisions a dynamic shift in the waste management landscape, driven by technology. In response to the growing demand, the waste management industry is at the forefront of embracing innovative solutions to replace labor-intensive operations. Urbanization contributes to mounting waste volumes, while technological innovation, fueled by AI and the Internet of Things (“IoT”), is promising smarter and more efficient waste solutions. AI robotics in waste management can speed up sorting rates by 200%.

Moreover, the support of government regulation and funding in research initiatives presents opportunities for improving waste management practices.

As Christian Mouchbahani, Managing Partner at M Capital Group noted: "Through decisive action, collaboration, sustainable solutions, and innovative technologies, the private sector can contribute to the waste management revolution, to sustain and safeguard the planet for generations to come."

**Please find attached M Capital Group Research Report:
"Waste Management: Waste to Wealth"**

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