

Foresight Study on the Prospects of Household Waste Recycling Industries in Algeria: Assessing Future Investment and Employment Opportunities

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Abstract: This study explores the future prospects of the household waste recycling industry in Algeria from an investment and employment perspective. Algeria's growing waste volumes and ongoing policy shift toward circular economy create favorable conditions for industrial recycling development; however, several structural constraints still limit the sector's expansion. Using a foresight-based methodological framework combining SWOT, MICMAC and MACTOR analysis, the research identifies the key internal and external factors shaping the sector, reveals the system's most influential driver variables, and assesses the strategic positioning and interest convergence among actors. The results show that regulatory stability, investment incentives and international cooperation represent leverage variables capable of accelerating green industrialisation and job creation in recycling. The study concludes that household waste recycling can become a strategic industrial pillar supporting sustainable development in Algeria.

Keywords: Household Waste Recycling, Circular Economy, Foresight Analysis, Green Investment, Employment Opportunities

JEL Classification Number: Q53; Q56; O21

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