

# Latin American RDF Market to Grow Steadily, Reaching US\$ 110.19 Million by 2034

*Brazil, Mexico, and Argentina drive RDF adoption through sustainability initiatives, circular economy principles, and rising environmental awareness.*

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EINPresswire.com/ -- According to a new report by Fact.MR, the [latin america refuse-derived fuel market](#) is valued at US\$ 81.2 million in 2024 and is anticipated to grow at a CAGR of 3.1% from 2024 to 2034. Through the

processing of organic municipal solid waste and non-recyclable garbage, refuse-derived fuel is created, offering a combustible energy source for a range of uses.

Cement kilns in Latin America use refuse-derived fuel (RDF) due to the need for alternate energy sources, waste management issues, and environmental concerns. Utilizing RDF improves energy efficiency in cement kilns because its flammable components—such as paper, plastics, and organic materials—complement conventional fossil fuels like coal and natural gas. This strategy tackles the expanding problem of municipal solid waste management while promoting resource recovery, trash reduction, and sustainable energy practices.

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Key Takeaways from the Market Study:

Refuse-derived fuel (RDF) sales in Latin America are projected to reach US\$ 110.19 million by the end of 2034, growing at a CAGR of 3.1%.

The increasing industrial focus on sustainable practices, particularly in industries like cement and energy, is driving the need for refuse-derived fuel (RDF) in Brazil. RDF offers an alluring answer that fits with both environmental and financial objectives as industry look for greener, renewable



alternatives to conventional fossil fuels. Brazil's RDF market is expected to develop at a compound annual growth rate (CAGR) of 3.4% from 2024 to 2034, with a predicted market value of US\$58.26 million at that time.

Sales of RDF are predicted to increase at a compound annual growth rate (CAGR) of 3.1% due to Mexico's robust government initiatives supporting the circular economy and waste-to-energy solutions. Growing environmental consciousness in Argentina is helping RDF gain traction as businesses and consumers see its potential as a sustainable energy source. By 2034, it is anticipated that Argentina's RDF market value will have grown to US\$14.85 million because to this change in consumer and industrial attitudes.

#### Growing Need for Sustainable Waste Management in Latin America:

Sustainable waste management techniques are being prioritized by Latin American governments and businesses in order to solve environmental issues and promote long-term ecological balance. Growing awareness of the detrimental effects of conventional waste disposal techniques, such as landfills, and the growing need for alternatives are the main drivers of this change. Due to the substantial growth in municipal solid waste volumes brought about by urbanization and industrialization, creative management techniques are now required.

Refuse-derived fuel (RDF), which recovers energy from non-recyclable garbage, provides an efficient option. RDF, which is made from materials including paper, plastics, and organic waste, repurposes waste for industrial energy applications, reducing reliance on landfills and supporting the circular economy.

#### Abundant MSW Availability Driving RDF Production:

Large amounts of municipal solid waste (MSW) are easily accessible in Latin American cities and industrial areas, and its generation is rising as a result of population expansion and urbanization. The best material for producing refuse-derived fuel (RDF) is MSW, which is a varied mixture of organic trash, plastics, paper, cardboard, textiles, and other flammable items. Because of its diverse composition, MSW can be treated to provide a uniform, standardized fuel. In addition to providing a sustainable alternative for waste management and energy production, this also helps address the issues of overloaded landfills and constrained disposal space.

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#### Competitive Landscape

Leading businesses in Latin America are investing heavily in state-of-the-art RDF production facilities and infrastructure, including sophisticated shredders, processing technologies, sorting, and pelletisation equipment. The objectives of these initiatives are to raise overall

competitiveness, lower operating costs, and increase RDF quality.

Collaboration throughout the RDF value chain is also being fueled by the establishment of strategic alliances with waste management companies, technology suppliers, and industrial customers. This strategy promotes knowledge sharing, resource sharing, and the creation of profitable partnerships, all of which help to make the RDF market more cohesive and effective.

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[Refuse-Derived Fuel \(RDF\) Market](#): The global refuse-derived fuel (RDF) market is valued at US\$ 4.91 billion in 2023 and is estimated to reach US\$ 10.6 billion by 2033, advancing at a CAGR of 8%.

[Refuse-Derived Fuel \(RDF\) Industry Analysis in North America](#): Demand for refuse-derived fuel (RDF) in North America is calculated at a market value of US\$ 392.7 million in 2024 and is projected to increase at a CAGR of 3.4% to reach US\$ 548.61 million by the end of 2034.

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