

# Refuse Derived Fuel

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## What is Refuse derived fuel?

Refuse-derived fuel is a fuel produced from various types of waste such as municipal solid waste, industrial waste or commercial waste(it includes biodegradable material as well as plastics).

**The World Business Council for Sustainable Development** defines Refuse-derived fuel as "Selected waste and by-products with recoverable calorific value can be used as fuels in a cement kiln, replacing a portion of conventional fossil fuels, like coal, if they meet strict specifications. Sometimes they can only be used after pre-processing to provide 'tailor-made' fuels for the cement process"

RDF has many facets, meaning it can be further specified into TDF (Tyre Derived Fuels), SRF (Solid Recovered Fuels) and AF (Alternative Fuels).

## What types of materials are processed?

RDF consists largely of combustible components of such waste, as non recyclable plastics (not including PVC), paper cardboard, labels, and other corrugated materials.

## How does the production of RDF take place?

The most common way of extracting RDF from Municipal Solid Waste is to combine mechanical and biological treatments methods.