



# Total Coordinate of Resource Recycle

- REMATEC Holdings Corporation-

## Resource Recycle



Reclaimed fuel (RF, RDF) manufacturing from waste  
Coordinate of resource recycling from various types of waste

## Solar Power Generation



4 stations in Kagoshima (2 stations),  
Kumamoto, and Okayama prefectures



## Network Logistics



Transportation of waste and recycled materials, etc., which plays an important role in the resource recycling network

## Environmental Recovery



Established an integrated scheme for treating large amount of natural disaster waste. The treatment scheme is from waste transportation, high-precision sorting and analysis to material recycling.

## Biogas Power Generation



Convert biogas to electricity by utilizing microorganism decomposition process from various organic waste.  
It is the first biogas power generation facility in Osaka Prefecture applying the Feed-in Tariff (FIT) system.

## Outline

Under the slogan "Innovation for the Earth", we provide a range of services in the environmental field, including consulting, plant design and construction, technology development, site management, operation and maintenance services, based on the experiences we have built up in Japan in the business of converting industrial waste into reclaimed fuel for cement factories and recovering many illegal dumping sites to their original state, etc.

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## Application examples and results

RDF manufacture



The first project in Thailand

Sorting for unused residues at a fertilization and recycling plant

Site area	8,000m <sup>2</sup>
Building area	2,700m <sup>2</sup>
Treatment capacity	420t/d
Start of operation	April, 2017

Manufacturing RDF from municipal solid waste is being conducted in Thailand by a JV company created with Siam Cement Group

Biomass Pellet Manufacture



A business plan for Manufacture, Sale and Export of EFB pellets, a biomass solid fuel derived from empty palm fruit bunches (EFB).

RF Manufacture



Under the support of the Ministry of Economy, Trade and Industry (METI) and the Ministry of the Environment (MOE), comprehensive technology transfer and RF demonstration tests are conducted for creating the framework of 3R.

### EFB Pellet Project Introduction

