



**PROMECO AIR SEPARATOR**  
HEAVY MATERIALS REMOVAL

**METALS SEPARATION**

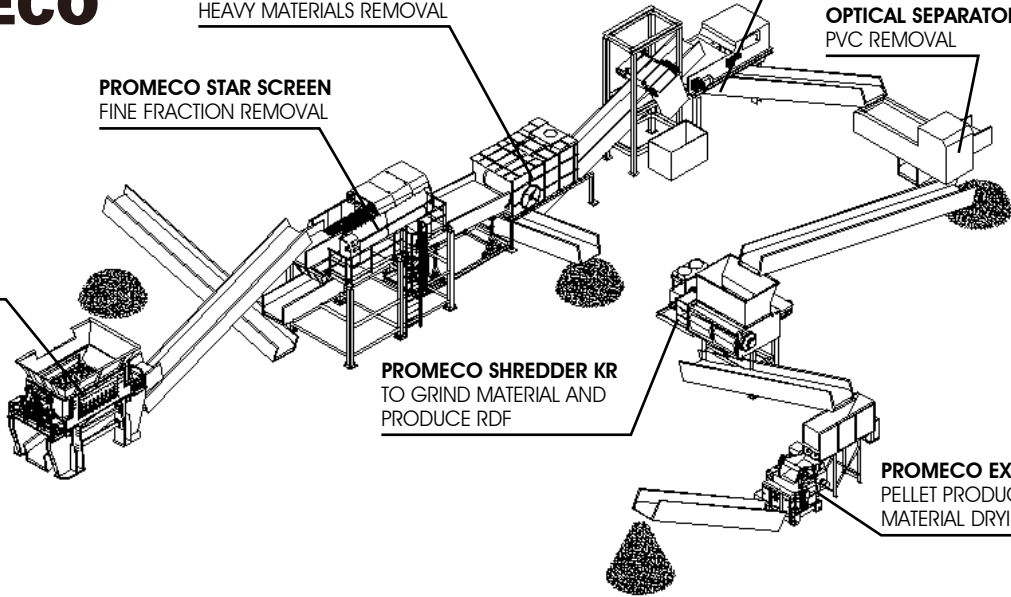
**OPTICAL SEPARATOR**  
PVC REMOVAL

**PROMECO STAR SCREEN**  
FINE FRACTION REMOVAL

**PROMECO PREMIER**  
BAGS OPENING &  
FIRST SIZE REDUCTION

**PROMECO SHREDDER KR**  
TO GRIND MATERIAL AND  
PRODUCE RDF

**PROMECO EXTRUDER SYSTEM PES**  
PELLET PRODUCTION OR  
MATERIAL DRYING



**UNDERSCREEN**  
TO ANAEROBIC DIGESTION  
PRE-TREATMENT

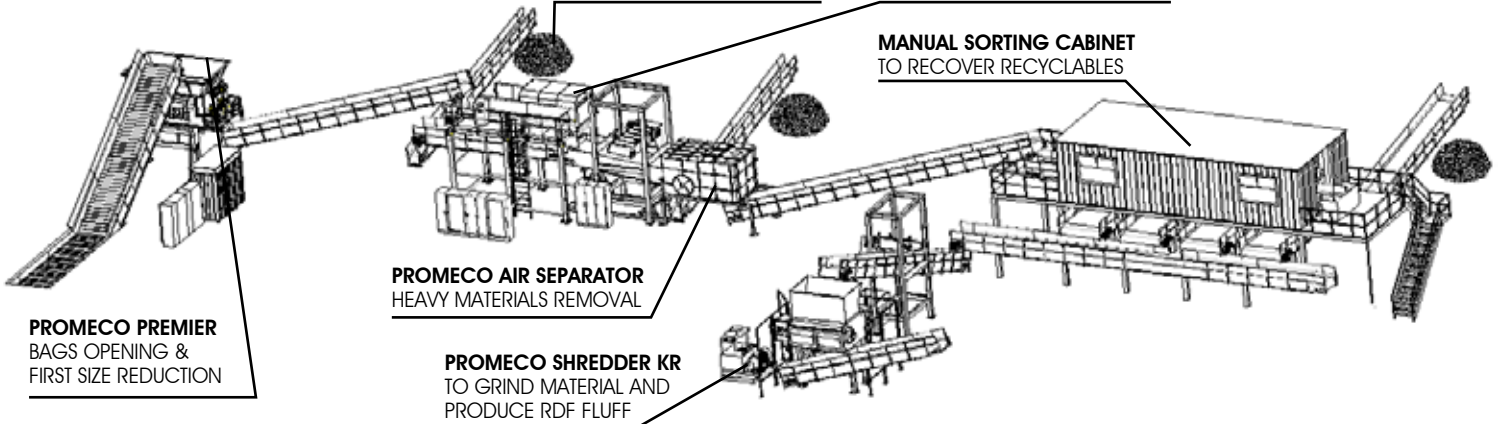
**PROMECO STAR SCREEN**  
REMOVAL OF INERT & ORGANIC

**MANUAL SORTING CABINET**  
TO RECOVER RECYCLABLES

**PROMECO AIR SEPARATOR**  
HEAVY MATERIALS REMOVAL

**PROMECO PREMIER**  
BAGS OPENING &  
FIRST SIZE REDUCTION

**PROMECO SHREDDER KR**  
TO GRIND MATERIAL AND  
PRODUCE RDF FLUFF



# RDF FROM MSW



## Input waste:

- Municipal Solid Waste
- Industrial waste
- Mixed plastics

## Output material:

- RDF
- Recyclable plastics (PET, HDPE, Film)

The plant must be implemented with production of briquettes, allowing to densify and to establish the shape and density of the RDF

## Advantages of Promeco RDF production systems:

- Use of the fractions with higher calorific value as fuel only, to produce a high quality RDF
- Stabilized RDF
- RDF shape and density for easy storage
- Flexibility in the management of production operations and in the conveyance of the product.
- Untied value of RDF from needs of users
- Recover of valuable materials for recycling
- Landfilling limited only to fractions of unsuitable material