

# REC&EN TECHNOLOGY

## RECYCLABLES AND ENERGY FROM WASTE

**SUTCO,  
YOUR TREATMENT PARTNER  
WASTE TO ENERGY**

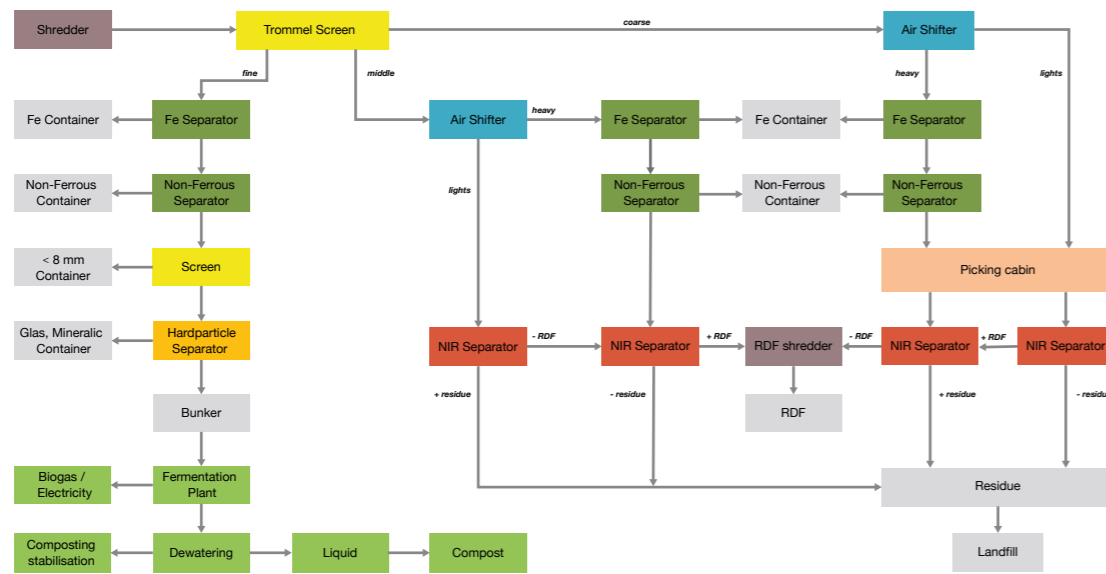


## WASTE TO ENERGY

Sutco Recycling Technik has focussed on the design, manufacture, assembly and maintenance of sorting and treatment equipment for waste for more than 30 years. Sutco can offer a wide product range of different recycling solutions for disposal in the municipal and private area.

Together with the LM-GROUP and the companies Ludden & Menekes, Sutco UK, Sutco Polska, Sutco Iberica and Sutco Brasil, Sutco RecyclingTechnik can

offer major advantages for their customers: large and reliable production capacities, presence in Eastern Europe, on the Iberic peninsula, in Great Britain and South America and in all international markets. Within these groups more 600 engineers, technicians as well as manufacture, mounting and commissioning specialists make sure that every project is properly implemented from the planning phase to the operative design.



*„Household waste is rich in organic ingredients and recyclable materials. They can be separated from the waste, and the organic fraction can be converted to profitable energy by fermentation.“*

### THE MAJOR PARTS OF OUR EQUIPMENT ARE:

#### MECHANICAL TREATMENT

- Recovery of recyclables
- Substitute fuels



### BIOLOGICAL TREATMENT (COMPOSTING/STABILIZATION)

#### SUTCO BIOFIX - ROW COMPOSTING

Automatic, dynamic process. Estimated throughputs > 35,000 - 80,000 Mg/a



#### SUTCO WENDELIN „THE NEW GENERATION“

Dynamic windrow process of large volumes, estimated throughputs > 80,000 Mg/a



#### SUTCO TUNNEL COMPOSTING

Static process, composting and/or drying of the input material



### FERMENTATION (ENERGY)

#### SUTCO BioPV

This is an alternative fermentation process which significantly improves the energy balance and the processing capacity of composting plants.



### OTHER TREATMENT STEPS

- Slag preparation
- Baling units/ bypass revision WIP
- Post-treatment



# REC&EN TECHNOLOGY

THE RECYCLABLE AND ENERGY FROM WASTE (REC&EN TECHNOLOGY) DELIVERY PROGRAM PROVIDED AS AN INTEGRATED RECYCLING AND ENERGY RECOVERY FACILITY FOR MUNICIPAL SOLID WASTE (MSW) HAS A LOT OF ADVANTAGES, ALLOWING THE COLLECTION OF EXTENSIVELY SORTED RECYCLABLE MATERIAL FOR MARKETING AND PRODUCING NOT ONLY ENERGY SELF - SUFFICIENT, ALSO MAXIMIZING ADDITIONAL ELECTRICITY AND ENERGY OUTPUT FOR SALE.

If you wish more details of the REC&EN Technology and their various systems, do not hesitate to contact us for customized solutions.



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**RECYCLING IS ADDED VALUE**

