First of the 3rd generation green technology

The fastest, most efficient, low emission production method to maximise energy from bio-mass/household waste and use for cooking and power.



Cooking stove



EfW processor

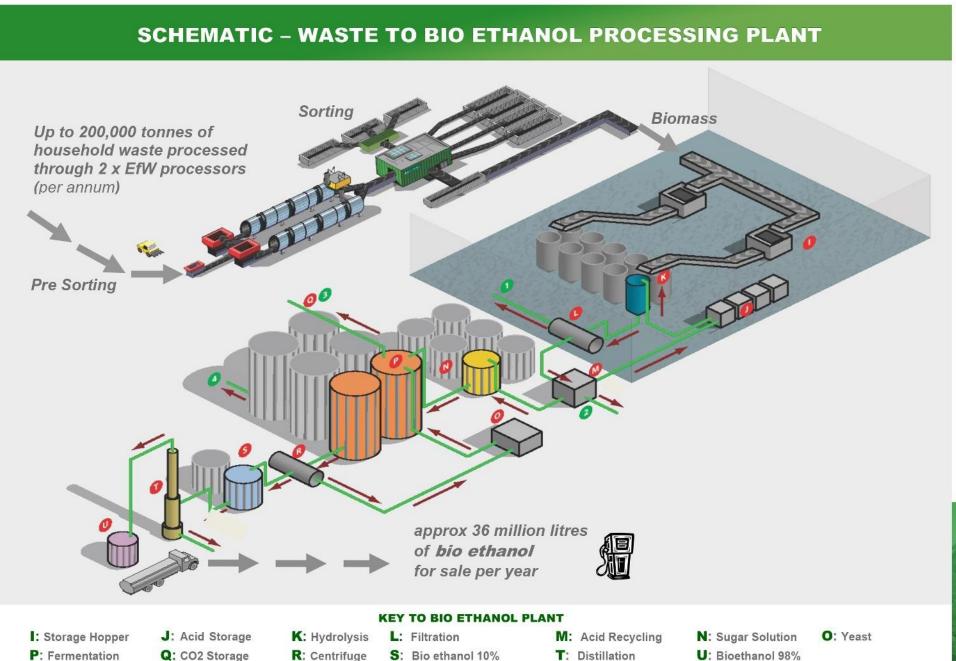
- Recycle unsorted household waste
- Create sanitised bio-mass
- Convert bio-mass into bio-ethanol
- Efficient conversion into bio-ethanol or electricity, avoiding landfill
- Achieves EU national target
- Environmentally friendly

EfW technology provides a solution to the problem of disposal of household waste.

Waste can be sorted by either hand or machine.

The biomass (*food/crops etc*) is sanitised in the EfW Processor where all the fibres are 'expanded' in preparation for the production of bioethanol by means of hydrolysis fermentation/distillation.

Each EfW Processor will process approximately 10 tonnes of waste per hour (2 x EfW Processors are required to handle a 200,000 tonne per annum plant).



Circa 300 litres
of bio ethanol
will be produced
from each tonne
of biomass