

04/03/2021

Dot Com Europe Limited

Recycling waste tyre and plastic to fuel

Our production plants will process waste tyres and plastic into low sulphur fuel for use in electricity generation, marine, aviation and road transport.

The refining plants will also accept previously used motor, cooking and tank cleaning oils for reprocessing.

Target market

The owner-operator with a local source of waste tyre and plastic who have a specific need for the output. Local source eliminates the need to transport the waste away, saving costs and the environment.

Environmental and planning

- All plants will follow the help and guidance issued by the Environmental Agency on which regulatory requirements and controls apply.
- Environmental permitting, end of waste criteria and planning permissions will be secured for the plants using qualified and leading consultants.
- Any potential site location would be screened, looking for potential risks such as the condition of the ground beneath the site and presence of groundwater (esp. drinking water sources), presence of ecological or human sensitive receptors, proximity to hazardous industrial operations, etc.

Plot required to accommodate

- Processing plant (3,500 square metres)
- Site administration/operations office
- Steel structure warehouse (8 metres high)
- Equipment storage
- Weighbridge
- Feedstock storage area
- Waste oil tank storage
- Oil output tank storage
- HGV loading access
- Car parking

Utilities

- Electricity: 3 phase 100amp
- Gas (if available)
- Water
- Drainage

Plant weight

- 35 tonnes

Plot size

- 7,081 square meters (1.75 acre).
 - This does not include any site environmental considerations e.g. open areas for plants, trees, etc.