



WASTE PLANNING STATEMENT

**PROPOSED WASTE MANAGEMENT FACILITY AT UNIT C, MAERDY
INDUSTRIAL ESTATE, SOUTH RHYMNEY, TREDEGAR, NP22 5PY**

On behalf of
Mekatek Ltd

Our Ref: 0097.b
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Prepared by: JDE

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1.0 INTRODUCTION

- 1.1 JCR Planning has been instructed by Mekatek Ltd (the Applicant) to prepare and submit a planning application for a Waste Management Facility at Unit C, Maerdy Industrial Estate, South Rhymney.
- 1.2 As part of this planning application and under the requirements of *Technical Advice Note 21: Waste*, this Waste Planning Assessment has therefore been prepared and should be read in conjunction with all other information submitted as part of the planning application in question.

2.0 WASTE POLICY STATEMENT

- 2.1 The proposal has given full consideration to the Assembly's strategic objectives and priorities for managing waste in Wales, including those provisions set out in '*Towards Zero Waste*' and '*Collections, Infrastructure and Markets Sector Plan*'. In particular, the application proposal will make a direct contribution to maximising the volume of waste that is recycled and minimising the volume of waste being deposited at landfill sites.
- 2.2 From a locational perspective, due to its close proximity to one of the primary routes serving the area (Heads of the Valley Road), together with being within easy access then to the M4, the application site is positioned in a sustainable location to serve both the local and regional markets.
- 2.3 The Applicant currently own's and manages a successful and permitted waste management facility of a similar nature in Pontyclun. However, through this experience, they have identified that the demand by existing and potential customers for recycled/re-use of waste of the nature in question is growing at a rate that the current facility is incapable of meeting. As a result, the application site has been identified as being capable of serving this increase in demand through its scale and locational position with regard to sources and end-users.
- 2.4 The markets the proposal will continue to serve therefore will be elements of the manufacturing and construction industries, as well as local authorities and other public bodies, both in terms of imported waste and recycled materials.
- 2.5 The position the proposed development occupies within the Waste Hierarchy must also be recognised, which is illustrated by the figure below:

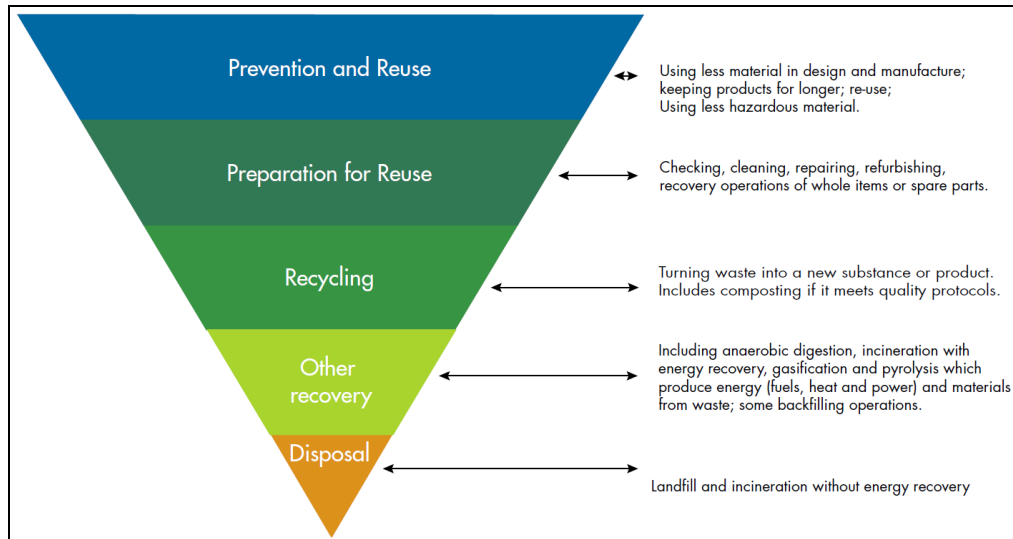


Figure 1

2.6 In receipt of any material from its customers, the Applicants will highlight the need to them of firstly seeking to reduce the generation of waste wherever possible through its prevention or direct recovery. Where this is then not possible, the application facility will then facilitate the next stage of recycling. As a result, the application proposal forms a sustainable part of the established Waste Hierarchy.

3.0 DEVELOPMENT

3.1 TIME SCALE

3.1.1 The proposal will have no 'stop-date' in terms of its projected lifespan. However, the proposal will operate on a 24 hour basis , 7 days a week.

3.2 TYPES AND QUANTITIES OF WASTE TO BE MANAGED

3.2.1 The proposal is for a facility that will deal with up to 75,000 tonnes of waste per annum. Material will be accepted from licenced carriers only dealing with commercial clients, local authorities and statutory bodies. Material will not be accepted from members of public. The non-organic waste to be received will be as follows:

- Paper
- Plastics
- Wood
- Scrap metals
- Cardboard
- Electrical goods (e.g. televisions, white-goods (de-gassed), monitors etc.)

3.2.2 Due to the nature of some of the above streams, an element of hazardous waste (e.g. batteries) will be generated by the operations, which will then involve some modest on-site storage of such substances. However, such storage will not exceed the thresholds of any specific hazardous substance as set out by the *Planning (Hazardous Substances) (Amendment) (Wales) Regulations 2010*.

3.2.3 The general activity to be facilitated at the site will in effect be the importation of the forms of solid dry waste outlined above and breaking them down to their component materials. These will then be recycled through various processes of dismantling, shredding, granulating, crushing etc. to create materials for re-use elsewhere. Some

of these materials however will also be recycled for use in the construction of concrete blocks at the site itself.

3.3 DESIGN, LAYOUT, BUILDINGS AND PLANT

3.3.1 Full details of the proposal and its associated activities can be found in the accompanying information, but are summarised below for ease of reference:

Design and Layout – The proposal will work with the existing site layout and buildings and will include some element of external storage. However, the majority of storage and processes will take place within the existing buildings of the site.

Processes – Material will enter the site on covered or contained HGVs before then depositing their loads within the existing building at the points indicated on the accompanying drawings. The material will then be taken to the allotted points within the building to be processed by the respective items of machinery and equipment, producing then at the end of the process a range of base material forms.

Drainage – The application scheme will utilise the existing foul and surface water drainage systems.

Plant – The proposal will involve the use of a range of plant and machinery, a full list of which accompanies the application submissions.

3.4 AMENITY AND NUISANCE

3.4.1 All machinery and plant used will be subject to regular servicing to ensure that all noise suppression elements are operating in an efficient and effective manner. All loads leaving the site shall be covered prior to leaving the site.

3.4.2 As detailed above, the proposal will utilise the existing surface water run-off management system to ensure no detriment is incurred by adjoining land uses and their users.

3.4.3 No external lighting will be used as part of the proposal beyond existing provisions.

3.5 AIR POLLUTION

- 3.5.1 As detailed above, all equipment and plant will be regularly serviced to ensure that all emissions comply with manufacturers guidelines.

4.0 DECLARATION

4.1.1 This statement sets out how the waste hierarchy has been considered in developing the proposals currently forming part of this planning application

Signed: (Agent)

On Behalf of: **Mekatek** (Applicants)

Date: