

Attachment-4-3-7-1-Waste Hierarchy Consideration

The EU Waste Framework Directive (WFD) (Directive 2008/98/EC), published in 2008, requires the application of the revised waste hierarchy as a priority order in waste prevention. The Directive also places a greater emphasis on optimising resource efficiency, reuse, recycling and the recovery of waste materials. The waste hierarchy is shown in Figure 1 below.

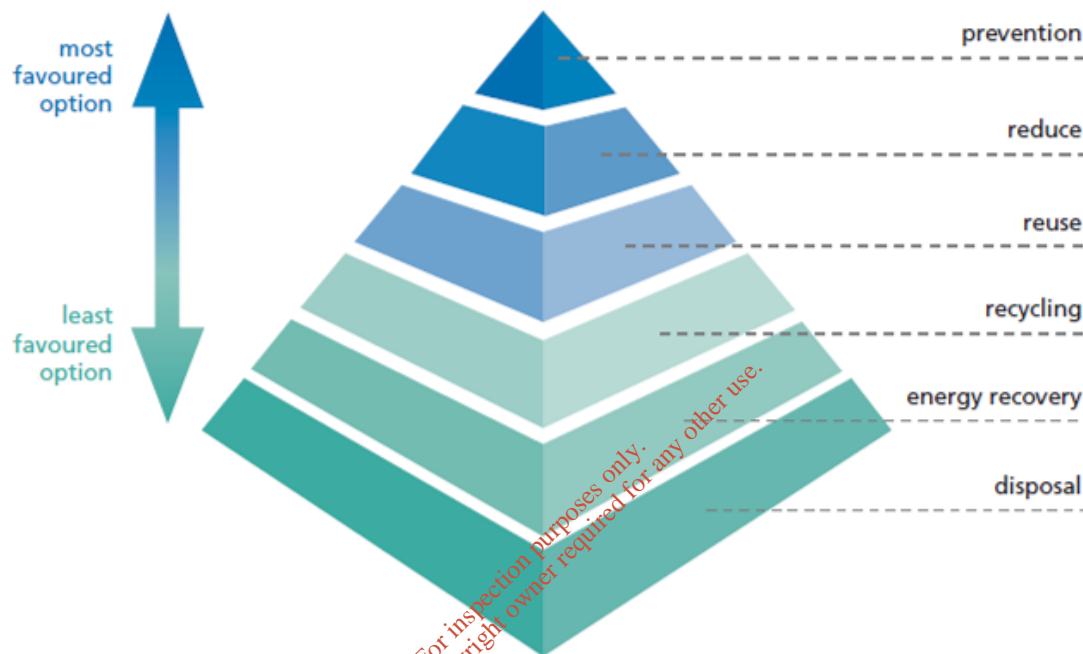


Figure 1: European Union Waste Hierarchy (Source: EPA, *Municipal Solid Waste: Pre-Treatment and Residuals Management (Page 5), 2009*)

The proposed Ballymun Recycling Centre will provide a community facility for the collection of household waste materials with dedicated storage containers for a wide variety of segregated waste types to promote the opportunities for reuse and recycling of waste.

The proposed activities at the facility will provide an opportunity for DCC (and the private operator in due course) to explore reuse initiatives with suitable organisations including The Rediscovery Centre nearby. The Rediscovery Centre outlines their activities as:

“The Rediscovery Centre is a creative space connecting people, ideas and resources for greener living in Ireland.

As the National Centre for the Circular Economy, we bring together the skills and expertise of artists, scientists, designers and craftspeople united in a common purpose of sustainability. Located in a bespoke demonstration eco-facility, we support four reuse social enterprises; Rediscover Furniture,

Rediscover Fashion, Rediscover Paint and Rediscover Cycling. These businesses use waste materials for new product development & design demonstrating effective resource efficiency, reuse and low carbon living.”¹

Waste materials collected at the Ballymun Recycling Centre, that are not suitable for reuse, will be removed from site for recycling, where possible. Segregation of waste materials by the public will ensure there is minimal cross-contamination which will maximise recycling opportunities while minimising off-site handling and processing requirements.

As a last resort, material which cannot be reused or recycled will be removed from the facility for energy recovery or disposal.

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¹ www.rediscoverycentre.ie (Accessed on 28 March 2019)