

## 16 Other Impact Headings And Interactions

### 16.1 Introduction

The Environmental Impact Assessment Regulations list the environmental issues which should be assessed in an EIS. Refer to section 1.5.2. The regulations also require a description of the likely significant environmental interactions between these environmental effects. This chapter addresses environmental aspects which are not specifically addressed in the earlier chapters of this EIS and identifies the main interactions between different effects.

Only topics, which could be logically linked to the project, have been examined in detail. Accordingly, where a topic is not mentioned, the authors have concluded that no potential for impact exists.

### 16.2 Other Impact Headings

#### 16.2.1 Human Beings

The impact of the development on human beings is addressed throughout the EIS. The economic and social considerations are detailed in Chapter 14. Land use issues are addressed in Chapters 3 and 4. Health and safety issues are considered in Chapter 3. The effects of the development on human beings in the context of landscape and visual amenity, traffic, noise and vibration, air quality and climate are addressed in Chapters 5, 6, 8, 9 and 15 respectively.

#### 16.2.2 Architectural heritage

Archaeological and cultural heritage is addressed in chapter 13. The development will not impact on any architectural heritage features.

### 16.3 Interaction of Effects

A project of the size and complexity of the Ringaskiddy waste management facility has the potential to give rise to interactions of effects in different environmental media during construction and when in operation. Potential interactions are described below.

The landscaping and planting proposals for the facility will determine, to an important extent, the diversity and value of the residual habitats on the site. The architectural quality of the buildings, the layout and screening of external plant on the site, and the landscaping proposals, will effect the recreational amenity in the immediate vicinity of the site and the residential amenity at the nearest residences. The layout, size and architectural treatment of the buildings and the plant on the site could potentially have an effect on the cultural amenity of the Martello tower, which is located to the south-west of the site.

The emissions to air from the facility have the potential to effect soils, groundwater and surface waters.

Noise emissions, from the construction and operation of the facility, have the potential to have an effect on the ecology of the surrounding area, as well as on residential amenity.

The traffic management measures employed during the construction and operation of the facility will determine, to some extent, the emissions to air and the noise from the traffic generated, with consequent effects on residential amenity in the area.

The construction methods adopted by the contractor will effect the use of natural resources and the generation of waste during the construction phase.

These potential interaction of effects, in different environmental media, have been addressed in the most relevant chapters of this EIS.

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