


# PROJECT PROFILE

<b>Title</b>	<b>Review of TII Guidelines for the Management of Waste from National Road Construction Projects</b>
<b>Contractor</b>	Duncan Laurence
<b>Contact details</b>	Duncan Laurence Environmental Ltd Coolnagee Forth Mountain Wexford, Co Wexford, Y35 HYA6
<b>TII Mentor</b>	Vincent o Malley
<b>Start date</b>	May-17
<b>End date</b>	Sep-17
<b>Status</b>	Complete
<b>Type of project</b>	TII Research Project
<b>Project reference</b>	NRA04250/TIIRPWasteG

<p><b>Description</b></p>	<p>In 2014, Duncan Laurence Environmental Ltd., completed a review of TII's waste guidelines for the management of waste from national road construction projects. That review took account of the latest developments, in waste legislation and waste policy in relation to national road scheme developments. A number of construction related issues were raised regarding how the guidelines potentially could impact on how wastes could be addressed under various construction scenarios. This project reviewed the new issues and provided appropriate wording for incorporation into the new version of the waste standard document. In addition, the document was legally proofed to ensure that all legal reference were up to date and appropriate for inclusion into TII's Environmental Suite of Standards.</p> <div data-bbox="1098 770 1501 1106" data-label="Diagram">  <p>The diagram is a pyramid titled 'Waste Management Hierarchy'. It is divided into six horizontal layers. From top to bottom, the layers are: Prevention (blue), Minimisation (green), Reuse (yellow), Recycling (orange), Energy recovery (red), and Disposal (grey). To the left of the pyramid, a vertical double-headed arrow indicates the hierarchy, with 'Most favoured option' at the top and 'Least favoured option' at the bottom.</p> </div> <p style="text-align: right;"><b>Waste Management Hierarchy</b></p>
<p><b>Objectives</b></p>	<p>The following issues were considered as part of the new standards:</p> <ol style="list-style-type: none"> <li>(1) How can accommodation works be carried out on land not CPO'd in the contract documents, how can provision be made for these in the new standards?</li> <li>(2) How would imported materials e.g., capping layer, which were manufactured to a pre-defined standard and later be shown to be not suitable be treated?</li> <li>(3) What is the legal position associated with Contractor's moving materials from one site to another site?</li> <li>(4) Storage of material offsite?</li> <li>(5) Consider cut and fill and good design practice,</li> <li>(7) Waste site audits and who is responsible to undertake such audits?</li> <li>(8) What contractual obligations should be considered to ensure compliance with the legislation.</li> <li>(9) The timing of onsite works, including soil stripping and how they interact with other disciplines.</li> </ol>
<p><b>Benefits</b></p>	<p>Up to date TII Guidelines for the Management of Waste from National Road Construction Projects</p>
<p><b>Outputs</b></p>	<ol style="list-style-type: none"> <li>1. Updating the text to reflect legislative, regulatory and best-practice developments since 2014</li> <li>2. Amending the text to reflect issues and queries raised by users of the Guidance within TII</li> <li>3. Altering the language to respond to TII's desire that the revised text is no longer discretionary, having instead an equivalent status to other elements of TII's Environmental Suite of Standards.</li> </ol>