


<p>Company Name and Contact Details:</p>	
<p>URS New Zealand Ltd Gael Ogilvie, Senior Principal www.urscorp.co.nz gael_ogilvie@urscorp.com +64 (9) 355 1330</p>	
<p>URS New Zealand is a fully owned subsidiary of URS Corporation – a multidisciplinary environmental and engineering consultancy employing more than 55,000 staff worldwide. Within New Zealand we have approximately 300 engineers and scientists engaged in a range of policy development, environmental protection and engineering design work. URS has a dedicated environmental practice within New Zealand and has strong international links through the international offices of URS.</p> <p>Members of URS’ sustainability team (Gael Ogilvie, Vanessa Browne, June Gibbons & Maurice Marquardt) have undertaken carbon footprints and life cycle assessments of biodiesel, bioethanol and other bioenergy products in New Zealand. On behalf of the Energy Efficiency and Conservation Authority we developed a model to enable New Zealand biodiesel producers to easily estimate their supply chain carbon emissions based on the UK RFTO model. We have provided technical advice to Fonterra to assist their calculation of GHG emissions from whey-to-ethanol, and provided advice to an energy company to compare emissions from a new bioenergy product with existing comparable energy products. Gael recently completed a carbon footprint for Ecodiesel Ltd, a tallow based biodiesel producer.</p> <p>URS’ engineers have worked on biofuel plant design projects. This included a project led by Barry Lawrence providing advice to Ecodiesel Ltd. Steve Vaughan, an environmental and risk specialist, has a substantial chemical engineering background in lignocellulose conversion to ethanol.</p> <p>URS is a member of the New Zealand Business Council for Sustainable Development (NZBCSD). Our Chief Executive, Mark Drury, is on the Executive Committee. URS has been actively involved in a number of NZBCSD work programmes including Facilitating the Greening of Vehicle Fleets, Sustainable Development Reporting, Guide to Zero Waste, Climate Change, Successful Business School Partnerships, Sustainable Building and Fresh Water Allocation. URS is an active member of the Sustainable Business Network (SBN), the Resource Management Law Association and the NZ Society for Sustainability Engineering and Science, an IPENZ technical interest group. We have found that innovation and challenging ‘business as usual’ approaches is a cornerstone in cultivating sustainable behaviour change. Our 3i model asks that URS personnel consider the three components of sustainability; social, environmental and economic and the three ‘i’s of involvement, innovation and integration at all stages during project delivery.</p>	<p>Core Skill(s):</p>
	<ul style="list-style-type: none"> • Project management • Systems thinking • Engineering
	<p>Biofuel Focus:</p>
	<ul style="list-style-type: none"> • Feedstock production • Biofuel supply chain • Plant design
	<p>Core Product/Activity:</p>
	<ul style="list-style-type: none"> • Life Cycle Analysis • Sustainability assessment and labeling • Carbon footprints • Environmental impact assessments • Process engineering • Chemical engineering
	<p>Key Project Activities:</p>
	<p>Leading Edge:</p>
	<p><i>URS staff have specialist knowledge of sustainability issues surrounding biofuels and have wide industry contacts in New Zealand.</i></p>
<p>Investment Base:</p>	
<p>n/a</p>	
<p>Employees:</p>	
<p>Key Personnel:</p> <ul style="list-style-type: none"> • Gael Ogilvie • Steve Vaughan • Vanessa Browne • June Gibbons • Maurice Marquardt 	
<p>Production Capacity</p>	
<p>n/a</p>	