

<p>Company Name and Contact Details:</p>	
<p>CPG (Waste Solutions) is a New Zealand based world leading technology provider specialising in robust and cost effective solutions for turning waste into energy. We also have expertise in general wastewater treatment and our clients include several New Zealand municipalities.</p> <p>The CPG (Waste Solutions) team originated as a New Zealand Government Research Group who were tasked to undertake research and develop new, economic methods of treating and disposing waste generated by agricultural, industrial and municipal practices. In 1975, during the ‘oil crisis’ the Government directed the Group’s research to focus on anaerobic digestion as a matter of national interest in an attempt to develop an alternative fuel source for New Zealand. In 1993, as part of the National Divestment strategy, the group was sold to Duffill Watts Ltd (who became CPG New Zealand Ltd in May 2009) and continued their research. Consequently, this team has a 35 year history of researching, developing, implementing and operating innovative treatment technologies for numerous waste streams in several countries.</p>	<p>Core Skill(s):</p>
	<ul style="list-style-type: none"> ● Biotechnology ● Process Design ● Environmental Engineering ● Renewable Energy Research ● Electrical & Automation
<p>Our skill base and experience is thorough and broad and in the 1970’s we developed techniques which saw us running a small fleet of New Zealand Government vehicles on biogas - a fuel source which is only now becoming widely available. More recently, we have been developing low cost anaerobic digesters for agricultural practices in South East Asia and South America which are producing enough electricity to power the owners’ factories and sell excess electricity to the grid. These projects are running with a 100% success rate.</p>	<p>Biogas Focus:</p>
	<ul style="list-style-type: none"> ● Technology Provider ● Low Cost – High Yield Solutions ● Robust , easy to operate facilities
<p>Our team includes scientists, engineers, biotechnologists, laboratory and instrumentation technicians, process engineers and project managers. We have in-depth experience of waste to energy process design and treatment plant design covering a broad range of industrial wastes, sewage treatment and biological processes.</p>	<p>Core Product/Activity:</p>
	<ul style="list-style-type: none"> ● Cigar[®], Cap[™], Top[™] and more traditional wastewater ● treatment technologies
<p>In addition to our expertise or specific experience extends into the development of many types of biogas production facilities, including traditional tank based systems and more recently the development of world leading in-ground solutions which maximize the energy potential of wastewater streams and provide investors with very attractive return on investment.</p>	<p>Key Project Activities:</p>
	<ul style="list-style-type: none"> ● Laboratory analysis of wastes ● Process Design & Implementation ● Construction Supervision & Commissioning ● Operational Services
	<p>Leading Edge:</p>
	<p>Internationally we are best known for our trademarked Cigar[®], a high-yield biogas reactor which has a 100% success record and provides return on initial investment within 18-24 months. The system uses multiple forms of organic raw material as input, including food processing waste, manure and municipal waste, and generates multiple forms of energy, including transport fuel. Cigar[®] biogas yields (m³ Methane/kg COD/day) and CDM potential are the highest of all equivalent and proven biogas systems in today’s market.</p>
	<p>Investment Base:</p>
	<ul style="list-style-type: none"> ● New Zealand & Australia
<p>Employees:</p>	
<ul style="list-style-type: none"> ● 20 	
<p>Production Capacity</p>	
<p>As part of CPG we have a large, highly skilled experience resource base to utilise when required.</p>	