


<p>Company Name and Contact Details:</p>	 
<p>Flo-Dry Engineering Limited Tissa Fernando, Managing Director www.flo-dry.com info@flo-dry.com +64 9 4152330; +64 9 415 2190</p>	
<p>Flo-Dry Engineering Ltd (FDEL) was established in 1985 as a design and manufacturing company for the Flo-Dry direct fired rotary driers and complete processing systems. In 1990, Tissa and Nele Fernando bought the Company from other owners that included Auckland Farmer's Freezing Co. Ltd, which held 60% of the shares.</p> <p>Projects executed by FDEL have ranged from animal by-products processing to wastewater treatment within both- industrial and municipal plants. Today, main focus of the company is on developing, constructing and delivering Biodiesel Plants, Flo-Dry Electro Dewatering(FEDW) plants & Sludge Drying Plants for municipal sewage sludge treatment plants.</p> <p>FDEL has demonstrated the ability to manage projects in Australia, New Zealand and in more distant locations like UK, Chile and India. Quality and reliability of the plants is evidenced by the number of repeat client orders being received over the years.</p> <p>The company employs a team of eight engineers, and two support staff to develop, design, install and commission the plants. Comprehensive after-sales service ensures smooth operation of plants and equipment supplied. Association of the company with the client is viewed as a long-term partnership.</p> <p>FDEL is driven by one priority – to provide a responsive, competent and comprehensive service to industry. The company's capabilities extend from initial customer requirements to developing specific packaged system, technical development and manufacture of specialized equipment for a large portfolio of customers in many industry sectors.</p> <p>FDEL has recently developed, based on intensive laboratory experimentation, packaged systems for FRDB (Flo-Dry Reactive Distillation Biodiesel) based on continuous Reactive Distillation Process. Patent for this unique process has already been applied. FDEL now plans to venture in the manufacture of standardized packages for rendering plants and other end users as forward integration. Reactive Distillation Process can employ a wide range of raw materials including animal tallow and waste vegetable oil to produce Biodiesel-named EVERDIESEL, meeting New Zealand, Australia, National and International Standards.</p> <p>Another packaged system developed by FDEL is Electro Dewatering of Municipal Sludge, termed as FEDW- Flo-Dry Electro De Watering package. This package developed in-house based on intensive laboratory tests and demonstration plant runs, is also awaiting commercialization. Patent application has also been lodged. Process uses very low voltage potential applied across electrodes dipped in conductive sludge. With controlled conditions of flow, current, pH, temperature, polymer, etc an increase of DS (dry solids) of around 30 % can be guaranteed over the achievable DS by polymer addition only.</p> <p>Both of these packaged processes are now part of business line, thus are included in the Quality Management System- ISO 9001: 2008.</p> <p>FDEL's strengths lie in the team, comprising of specialists from industrial backgrounds. They understand the priorities, problems and constraints that clients often have to deal with, and therefore provide more effective support.</p>	<p>Core Skill(s):</p> <ul style="list-style-type: none"> • Research & Development • Basic Design & Detailed Engineering • Plant Design • Plant Construction / Maintenance / Operation <p>Biofuels Focus:</p> <ul style="list-style-type: none"> • Biodiesel from Animal Tallow <p>Core Product/Activity:</p> <ul style="list-style-type: none"> • Rendering Plant Packages • Waste Water Plant Packages • Biodiesel Plant Packages • FEDW Plant Packages <p>Key Project Activities:</p> <ul style="list-style-type: none"> • Complete Plant Design from concept to commissioning <p>Leading Edge:</p> <p><i>In-house developed continuous Reactive Distillation Process based Biodiesel plant capable of converting most difficult feedstock at most competitive economic conversion cost.</i></p> <p>Investment Base:</p> <ul style="list-style-type: none"> • New Zealand /Australia • UK/ Chile /India • Brazil/Korea <p>Employees:</p> <ul style="list-style-type: none"> • Specialized / Engineering-11 • Technical / Support - 3 <p>Production Capacity</p> <p>Biodiesel Demonstration Plant- 4,000,000 Litre per annum at Albany, Auckland, New Zealand</p>