


Company Name and Contact Details:	
Carbonscape Forrest Tyrrell-Baxter www.carbonscape.com info@carbonscape.com +64 (3) 579 2274	
<p>Carbonscape is developing proprietary processes to efficiently convert wood biomass into higher value carbon-rich products for use in a variety of energy, agricultural and emission's trading markets.</p> <p>Carbonscape was formed in late 2006. The company has developed a series of prototype machines to demonstrate its novel process that utilises microwave heating.</p> <p>Carbonscape's state of the art process has advantages over traditional pyrolysis methods by rapidly producing high grade charcoal efficiently and economically. The process also produces valuable byproducts of biooil fuel and syngas, which can be combusted to release industrial heat or electricity energy.</p>	Core Skill(s):
	For example: <ul style="list-style-type: none"> • New Process Development • Clean Technology Commercialisation • Emerging carbon emissions reduction GHG, CDM markets • Industrial Microwave Systems
	Biofuel Focus:
	<ul style="list-style-type: none"> • Biooil, sustainable industrial fuel oils
	Core Product/Activity:
	<ul style="list-style-type: none"> • Biochar, Biooil, Syngas, Activated Charcoal
	Key Project Activities:
	<ul style="list-style-type: none"> • Research and Development • New Technology Commercialisation
	Leading Edge:
	<p><i>Carbonscape's state of the art process has advantages over traditional pyrolysis methods by rapidly producing high grade charcoal efficiently and economically. The process also produces valuable byproducts of biooil fuel and syngas, which can be combusted to release industrial heat or electricity energy.</i></p>
Investment Base:	
<ul style="list-style-type: none"> • NZ, Australia, US, UK 	
Employees:	
<ul style="list-style-type: none"> • 8 	
Production Capacity:	
Commercial demonstration, 5000 tonnes per annum by 2011	

