

NEW ZEALAND

AHI Chemical Engineering Services
721 Great South Road, Penrose, PO Box
12083, Auckland 6
Tel: 599101 Tlx: NZ 2222
Supply gas cleaning systems. Subsidiary of
Mass Transfer International (UK).

DSIR Chemistry Division
Private Bag, Petone
Tel: 04 666 919
Have carried out an investigation on the
potential of biomass liquefaction for fuel
production.

Dept of Scientific & Industrial Research (DSIR)
Physics Engineering Laboratory, Private bag,
Lower Hutt
Tel: 04 666 919
Developing wood and woodwaste gasifiers.

Fluidyne (R&D) Ltd
Auckland
Produce fixed bed, concurrent, downdraft
gasifiers for small-scale applications using
a variety of waste fuel materials.

Forest Research Institute
Private Bag, Rotorua
Tel: 073 475 899 Tlx: 21080 nz
Developing methods of extraction of sugars
from lignocellulosic materials by acid
hydrolysis and the subsequent production of
ethanol by fermentation.

Invermay Agricultural Research Centre
Ministry of Agriculture & Fisheries, Private
Bag, Mosgiel
Tel: 3829
Have carried out trials at the Invermay
Energy Farm on the economics of biogas
production for running farm vehicles on
methane/ diesel mixtures.

Massey University
Biotechnology Department, Palmerston North
Tel: 69099

Developing methods of fermentation of
pentose to ethanol and the anaerobic
digestion of wastewaters from wood
hydrolysis. Have also investigated the
economics of use of natural oils and fats in
fuel blends and the production of n-butanol
from wood hydrolysate using *C acetobutylicum*.

Ministry of Agriculture & Fisheries
Agricultural Research Division, Private Bag,
Whangarei
Have carried out trials to assess the
potential of sweet sorghum as an energy crop.

Portals Water Treatment (NZ) Ltd
Box 13-558, Auckland 6
Tel: 641 079 Tlx: 21175
Engineering and contracting company offering
services in waste water and effluent
management including anaerobic digestion.

R A Lister New Zealand Ltd
PO Box 40, 197 Glenfield, Auckland 10
Tel: 444 9219 Tlx: 21073
Supply diesel engines, including systems
modified to run in a dual-fuel mode using gas
produced from a wood gasifier.

Standards Association of New Zealand
Private bag, Wellington
Tel: 842 108 Tlx: 3850 sanz nz
Produce national standards in terms of the
Standards Act of 1965. Have produced a code
of practice for the production and use of
biogas produced by anaerobic digestion from
farm scale operations.

Ruakura Animal Research Station
Protein Extraction Project Group, Private
Bag, Hamilton
Tel: 071 62839
Investigating the extraction, hydrolysis
and fermentation of leaf protein from fresh
alfalfa.