

## GUATEMALA

### ICAITI

Instituto Centroamericano de Investigacion y Tecnologia Industrial (Central American Research Institute for Industry), Apartado Postal 1552, Avenida La Reforma 4-47, Zone 10  
Tel: 310631 Tlx: 5312 icaiti-gu  
Carrying out research programmes in fuel

alcohol and biogas production including development of solid state fermentation systems. Have also scaled up laboratory studies of two-phase anaerobic digestion of coffee pulp juice and wastewaters from coffee processing plants to produce biogas and organic fertilizer and to reduce pollution.

---

## HUNGARY

Agricultural University of Debrecen  
Institute of Economics, PO Box 36, 4015  
Debrecen

Have investigated the use of agricultural residues to generate heat for corn drying and stall heating.

Hungarian Academy of Sciences  
Agricultural Research Institute, H-2462  
Martonvasar

Have carried out assessments of the potential of field crops as an energy source.

Institute for Energetics  
Bem rkp 33/35, H-1027 Budapest  
Investigating methods for storing and processing of biomass fuels including aspects of anaerobic digestion and development of straw burners.

Intercooperation Ltd  
PO Box 53, H-1253 Budapest  
Tel: 361 15 2220 Tlx: 224242  
Export/import company with specific interests

in products, equipment and services related to the use of biomass energy.

National Institute of Agricultural Engineering

Tessedik u 4, H-2101 Godollo  
Tel: 27 10882 Tlx: 225816 mgigo h  
Developing methods for use of forest products and agricultural by-products as an energy source as well as pilot plant studies on biogas production and straw combustion. Representative on the FAO energy cropping network for forest energy.

Scientific Institute of Forestry  
Frankel L ut 44, H-1277 Budapest  
Developing methods for use of forest products as an energy source, including aspects of yield assessment of species such as locust, false acacia and poplar as well as energy plantations and mechanization of fuel wood harvesting.

---

## INDIA

### ASTRA

Centre for the Application of Science and Technology to Rural Areas, Indian Institute of Science, Bangalore 560012  
Has carried out a number of surveys at village level in order to determine the types of fuels used and the extent to which biomass energy is important in rural communities.

Agriculture Associates  
Station Road, Alwar 301001  
Tel: 3040

Have installed many biogas plants on a turnkey basis ranging from 3 to 35 cubic metres per day capacity. Manufacture gasholders and guidepipes as well as biogas appliances including stoves, lamps and driers.