

# International Energy Agency

## BIOENERGY AGREEMENT

BIOFUELS AND BIOENERGY

Vancouver, B.C.

27 August, 2006

# INTERNATIONAL ENERGY AGENCY

- FOUNDED IN 1974
- Autonomous agency linked to the OECD
- A forum for cooperation in energy matters among member countries
- Functions through a series of ***Implementing Agreements***
- *Bioenergy* is one of the 39 IA's

# IEA basic aims:

- Cooperation among IEA member countries to reduce dependency on fossil fuels through energy conservation, use of renewables, and energy R&D
- Operation of energy information systems
- Coping with disruptions in the supply of oil  
Developing stable international energy trade and rational management and use of world energy resources

# IEA Structure – 4 WP's

## Governing board - CERT

- Energy end-use technologies [15]
- Fusion power coordinating committee[8]
- Fossil fuels [6]
- *Renewable energy technologies [REWP]:*  
**bioenergy**, solar, wind photovoltaics,  
hydrogen, hydro, geothermal.....[10]

# IEA Bioenergy Members

- Australia
- Austria
- Belgium
- Brazil
- Canada
- Croatia
- Denmark
- European Commission
- Finland
- France
- Germany
- Ireland
- Italy
- Japan
- Netherlands
- New Zealand
- Norway
- South Africa
- Sweden
- UK
- US

# IEA Bioenergy

- Realizing the use of environmentally sound and cost-competitive bioenergy on a sustainable basis to make a substantial contribution to meeting future energy demands
- Production, processing and utilization of biomass resources for energy purposes
- IA work conducted through *Tasks* [12] with a designated work program
- Under direction of a *Task Leader* and *Operating Agent*

# IEA Bioenergy Tasks 2003/06

- 29 Socio-economics
- 30 SRC
- **31 Conventional Forestry systems**
- 32 Combustion/co-firing
- 33 Thermal gasification
- 34 Pyrolysis
- 36 MSW
- 37 Biogas/landfill gas
- 38 GHG balances
- **39 Liquid Biofuels**
- 40 Bioenergy Trade
- 41 Systems Analysis

# TASK OBJECTIVES

- Provide participants with comprehensive information to assist them with the development and deployment of biomass-derived energy technologies
- Provide information and analyses on policy, regulatory and infrastructure questions to promote bioenergy use
- Stimulate R&D among members
- Outreach to other groups



# Biofuels and Bioenergy

- Task 29 Socio-economic drivers in implementing bioenergy projects
- Task 31 Biomass production for energy from sustainable forestry
- Task 39 Liquid biofuels from biomass

# IEA BIOENERGY

- [www.ieabioenergy.com](http://www.ieabioenergy.com)