IEA Bioenergy

Ir. Kees W. Kwant
NL Enterprise Agency,
Ministry of Economic Affairs
Vice Chair IEA bioenergy

Facilitating commercialisation and market deployment of environmentally sound, sustainable and cost-competitive bioenergy technologies........

www.ieabioenergy.com
Vision and Mission

Vision:
To achieve a substantial bioenergy contribution to future global energy demands by
- accelerating the production and use of
- environmentally sound,
- socially accepted and
- cost-competitive bioenergy
on a sustainable basis

Mission:
To facilitate the commercialisation and market deployment of
- environmentally sound,
- socially acceptable,
- and cost-competitive bioenergy systems and technologies,
- and to advise policy and industrial decision makers accordingly.
www.ieabioenergy.com
24 Contracting Parties

- Australia
- Austria
- Belgium
- Brazil
- Canada
- Croatia
- Denmark
- European Commission
- Finland
- France
- Germany
- Ireland

- Italy
- Japan
- Korea
- Netherlands
- New Zealand
- Norway
- South Africa
- Sweden
- Switzerland
- United Kingdom
- United States

Open for countries with an active Bioenergy R&D and implementation programme

www.ieabioenergy.com
Agreement Activities

Executive Committee
- Bi-annual ExCo meetings/management of the IA
- ExCo Workshops

Tasks
- Coordination of national RD&D programmes, information exchange and joint projects
- Task meetings, study tours and workshops
- Publications, reports, newsletters, websites
- Networking with industrial and other stakeholders

Budget:
- Annual 2 M$, for tasks, taskleader and secretariate
- Contribution by Membercountries
Task Structure

- 12 active Tasks

- Sources
  - Task 36 MSW
  - Task 37 LFG/AD
- Process
  - Biomass Feedstocks
  - Task 32 Combustion and Cofiring
  - Task 33 Gasification
  - Task 34 Pyrolysis
- Product
  - Task 39 Liquid fuels
  - Task 42 Biorefineries

Overview
- Task 38 GHG Balances
- Task 40 Sustainable Trade
Results:
Strategic Position Papers

- Using a LCA Approach to Estimate the Net GHG Emissions of Bioenergy
- Bioenergy Land Use Change and Climate Change Mitigation
- Bioenergy - a sustainable and reliable energy source. A review of status and prospects
- Sustainable Production of Woody Biomass for Energy
- Municipal Solid Waste and Its Role in Sustainability
- Benefits of Bioenergy
- Potential Contribution of Bioenergy to Future World Energy Needs
- Synergies and Competition in Bioenergy Systems
- Gaps in the Research of 2nd Generation Transportation Biofuels
Annual Reports and Newsletters

- The Annual Report (122 pp) contains a report from the Executive Committee and a detailed progress report on each of the Tasks. It also includes key information such as Task participation, Contracting Parties, budget tables, and the reports and papers produced by the Implementing Agreement. A feature article based on the work of a Task is also included.

- IEA Bioenergy News covers the most recent ExCo meeting and workshop. It also features an editorial from a Member Country, news from the Tasks recent publications and upcoming events.

www.ieabioenergy.com